



24-hour service on our website

Download manuals and high resolution photos
Contact information • Distributor locator

- Always available



When logged in as a customer you can also:

View your prices • Exact stock levels • Place orders
See previous orders

ISO-certification

We are ISO certified according to ISO 9001 and ISO 14001



Project management

Complete solutions from drawings to commissioning



Service contracts

Calibration & continuous service of equipment



MOVING AND MEASURING FLUIDS

SINCE 1898

We offer products and services in:

- **Fluid handling**
- **Exhaust and fume extraction**
- **High powered vacuum systems**

Our goal is to increase and improve your:

- **Profitability**
- **Efficiency**
- **Environmental**
- **Ergonomics**

A complete partner for design and total solutions, we offer:

- **Consultation**
- **Installation**
- **Service**

Orion is part of Alentec & Orion AB, which develops, manufactures and markets equipment and services in pumping, measuring and dosing for vehicle workshops and industry. The head office and warehouse are located in Älta, south-east of Stockholm, Sweden

Orion products are sold all over the world. We have distributors in over 70 countries and sales offices in the UK, Belgium and France.

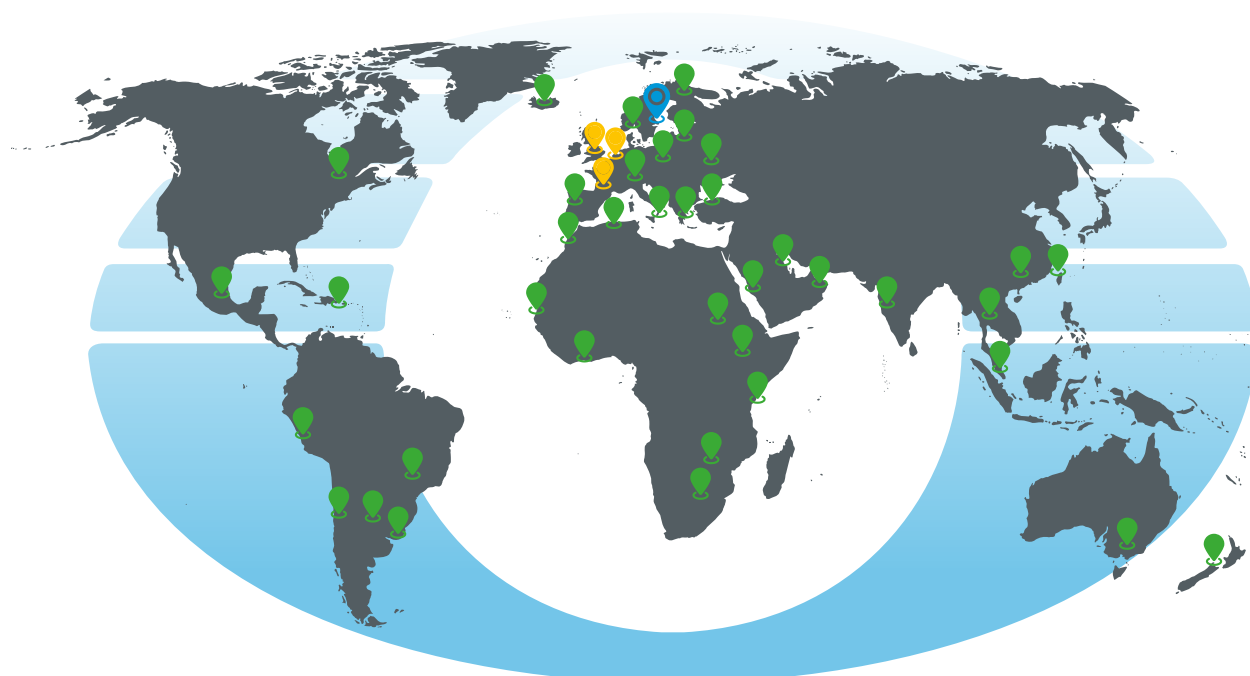
The environmental aspect is always an important part of both the planning, installation and service process. For our operations, we have established a process-based quality and environmental management system, according to the requirements of ISO 9001 for quality management systems and ISO 14001 for environmental management systems.



Head office and warehouse



Manufacturing and R&D



 Head office

 Subsidiary

 Distributor (for more information, see www.orionlube.com)

Alentec & Orion AB reserve the rights to make any changes in the technical specifications and for any misprints in the catalogue.

1	Grease equipment	9	6	Diesel	99
	Air operated grease pumps and accessories	10		Electric diesel pumps	100
	Pump ram systems	12		Air operated diaphragm diesel pumps	101
	Hose reels	13		Spring operated hose reels	102
	Grease control valves and accessories	15		Funnels and jerry cans	103
	Mobile grease pumps	16	7	AdBlue	105
	Hand operated grease pumps	19		AdBlue® electric pumps	106
	Cordless grease pumps	22		Air operated AdBlue® pumps	107
	Grease nozzles	23		Spring operated hose reels	109
	Specialty products	24		AdBlue® nozzles & meters	110
	Hydraulic grease fittings	25		Hand operated drum pump	111
	Installation accessories	28		AdBlue® accessories	112
	Accessories	29	8	Hose reels	115
2	Oil equipment	31		Hose reels, open	116
	Air operated oil pumps	32		Hose reels, enclosed	121
	Installation kits for 227 & 228-series pumps	33		Electric cable reels	123
	Electric pumps for oil	35		Hose reel accessories	124
	Air operated diaphragm pump	35	9	Hose end control	129
	Spring operated hose reels	36		Grease control valve	130
	Valves and meters	38		Water and antifreeze control valves	131
	Distribution kits	39		Detergent	133
	Distribution kits for 1.000 l containers	40		Blow gun & tyre inflators	133
	Tank kits	41		Diesel nozzles	134
	Mobile oil distributors	42		AdBlue® nozzles	134
	Mobile oil dispensers	43		Oil & glycol control valves	135
	Portable oil dispensers, oil bar	45		Control valve and hose end meter high-flow	136
	Hand operated pumps	46		Mechanical hose end meter	137
	Drum taps, oil cans, measures etc.	50		Digital hose end meter	138
	Installation accessories	52		Accessories for hose end control valves	139
3	Waste oil	57		Line meters	140
	Air operated suction & waste oil pumps	58	10	Monitoring	143
	Accessories	60		NEX·U®	146
	Vacuum systems	61		Dosing equipment	156
	Spring operated hose reels for waste oil suction	62		OriLink®	156
	Pit waste oil equipment	63		Meter units	160
	Equipment for pits	64		Monitoring equipment	161
	Mobile waste oil units	64		Safety and protection	162
	Waste oil equipment	66	11	Drum handling	165
	Suction units and drain pans	68		Trolleys	166
	Vacuum pump	70		Safety drum trolley	167
4	Air	73		Safety pallet	168
	Spring operated hose reels	74		Drum lift	168
	Air treatment units (FRL)	76	12	Exhaust equipment	171
	Air line accessories	77		Spring operated exhaust reels	172
	Quick-couplings for compressed air	79		Electric driven exhaust reels	173
5	Waterbased fluids/detergents	83		Exhaust hoses	175
	Air operated liquid pumps	84		Basic exhaust extraction	178
	Mixing units	86		Exhaust rails	179
	Spring operated hose reels	87		Exhaust nozzles	180
	Hose end controls	89		Starter, control units	182
	Spray handles and mobile sprayer	90		Extraction arms	184
	Drum pumps, hand operated	93		Fans	185
	Drum tap, measures, etc	94			
	Installation accessories	96			

13	High powered vacuum	189
	Suction units.....	190
	Long reach support arms.....	192
	Vacuum hose reel.....	193
	Tube kits.....	193
	Tube parts and accessories.....	194
14	Installation equipment	197
	Installation components, oil.....	198
	Installation components, grease.....	199
	Installation components, water based fluids.....	200
	Installation components.....	202
	Tanks and accessories.....	208
15	Sorbents	213
	Sorbents for oil only.....	214
	Universal sorbents.....	215
	Spill rugs heavy duty.....	216

101	27	11239	19	14527	30	18575	29	21499	47	22157	43
102	27	11310	18	14528	23	18576	12	21500	46	22158	43
107	27	11639	18	14534	23	18576	29	21501	47	22160	43
108	27	11709	24	14535	23	18577	12	21503	46	22161	43
109	27	11710	21	14536	23	18577	29	21504	44	22162	43
110	27	11711	21	14538	23	18578	12	21505	47	22170	42
120	27	11712	21	14560	23	18578	29	21506	46	22190	148
121	27	11713	19	14565	23	19002	26	21507	44	22206	85
127	27	11714	19	14612	15	19009	26	21509	69	22206	86
129	27	11715	19	14612	130	19100	25	21509	94	22206	107
143	27	11750	20	14615	15	19101	25	21574	45	22208	85
171	27	12121	17	14615	130	19102	25	21578	45	22208	86
185	27	12130	17	14626	130	20205	131	21605	51	22210	35
208	27	12131	17	14713	19	20210	89	21605	95	22210	36
208ROSTFRI	27	12134	17	14713	21	20210	132	21605	103	22210	101
211	27	12135	17	14715	23	20215	89	21606	52	22230	85
211ROSTFRI	27	12200	16	14717	21	20215	131	21606	95	22230	86
501	25	12201	16	14720	15	20255	89	21606	103	22230	107
502	25	12205	16	14720	130	20255	131	21607	52	22238	85
504	25	12210	16	14726	20	20277	89	21607	95	22238	86
504ROSTFRI	25	12213	16	14726	22	20277	131	21607	103	22241	85
505	25	12214	16	14727	20	20300	138	21609	51	22241	86
505B	26	12220	16	14727	22	20305	38	21609	94	22241	107
505ROSTFRI	25	12221	16	14740	15	20305	135	21610	52	22310	35
507	25	12225	16	14740	130	20316	38	21610	95	22310	36
509	25	12230	16	14745	141	20316	135	21613	50	22310	101
509F	25	12233	16	15125	13	20322	138	21614	50	22320	58
509FROSTFRI	25	12234	17	15125	116	20352	138	21615	50	22325	85
509ROSTFRI	25	12235	17	15212	14	20357	38	21616	50	22325	86
511	25	12305	16	15212	117	20357	135	21619	69	22332	35
512	25	12325	16	15225	14	20371	38	21619	94	22332	36
512ROSTFRI	25	12512	25	15225	117	20371	138	21625	50	22332	58
513K	25	12517	21	15325	14	20372	138	21625	94	22422	91
514	26	12519	24	15325	117	20376	38	21626	50	22440	33
514B	26	12527	21	15436	14	20376	135	21626	94	22441	33
515	25	12540	10	15436	118	20377	38	21627	50	22442	33
515ROSTFRI	26	12541	10	15527	14	20377	135	21627	94	22443	33
516	25	12542	10	15527	119	20391	138	21628	52	22450	33
519	26	12650	10	16212	14	20396	38	21628	95	22451	33
519F	26	12651	10	16212	121	20396	135	21629	52	22582	70
525	26	12652	10	16225	14	20400	139	21629	95	22584	70
535	26	12750	10	16225	121	20422	38	21630	51	22585	70
535F	26	12751	10	16412	15	20422	139	21630	95	22586	70
538	26	12752	10	16412	122	20452	139	21631	51	22587	71
547K	26	12755	11	16425	15	20471	139	21631	95	22588	71
576	26	12756	11	16425	122	20472	139	21632	51	22590	71
577	26	12757	11	18070	15	20491	139	21632	95	22760	33
580	25	12820	11	18070	131	20522	148	21632	103	22762	33
580ROSTFRI	25	12821	11	18071	15	20552	148	21633	51	22770	84
582	25	12822	11	18071	131	20571	148	21633	95	22771	84
583	26	12825	11	18072	15	20572	148	21634	52	22772	84
584	26	12830	11	18072	131	20591	148	21634	95	22775	84
1421F	92	12831	11	18073	15	21012	46	21635	69	22776	84
1669B	26	12832	11	18073	131	21013	46	21635	94	22777	84
1684B	26	12840	11	18102	21	21019	49	21637	51	22800	32
1697	26	12841	11	18103	21	21022	47	21637	94	22802	58
1698	26	12842	11	18104	21	21023	47	21638	51	22805	32
1822A	27	13517	22	18105	21	21027	48	21638	94	22810	32
1824	27	13523	22	18107	30	21027	93	21644	51	22815	32
2303	92	13524	22	18110	30	21028	48	21644	94	22819	32
3111P	92	13526	22	18111	30	21028	93	21646	50	22820	84
3131P	92	13527	22	18112	30	21038	47	21647	50	22825	84
3132BC	92	13532	22	18122	30	21040	49	21648	50	22850	32
3132NG	92	13534	22	18123	30	21040	68	21650	47	22852	32
3132PG	92	14001	23	18125	30	21044	49	21652	47	22875	58
3132PP	92	14005	24	18127	30	21044	68	21656	44	23040	162
3132PR	92	14006	24	18129	30	21046	49	21657	50	23072	161
3253P	68	14015	23	18130	30	21047	48	21657	94	23132	152
3270PE	92	14016	23	18131	30	21047	93	21658	44	23132	162
3270PP	92	14017	23	18132	30	21048	48	21662	47	23154	152
3275PE	92	14018	23	18150	30	21048	93	21666	51	23154	162
3275PP	92	14019	23	18200	13	21065	45	21666	94	23163	163
3595F	92	14042	21	18201	27	21066	45	21667	51	23164	160
3615F	92	14042	131	18205	13	21067	43	21667	94	23165	159
3615S	92	14043	21	18300	12	21076	43	21668	51	23167	163
3658	92	14043	131	18305	13	21077	43	21668	94	23168	163
3965	92	14044	21	18316	29	21100	169	21669	51	23171	152
6027	56	14044	131	18340	12	21108	169	21669	94	23171	162
6027	98	14044AVLAST	21	18370	12	21110	167	21670	45	23183	152
6321L	92	14046	24	18400	13	21122	93	21675	104	23183	162
11001	19	14047	21	18440	13	21122	111	21676	104	23187	163
11002	19	14047	131	18470	13	21130	47	21677	104	23188	163
11003	19	14048	24	18507	29	21131	93	21685	104	23191	152
11004	19	14050	24	18542	29	21131	111	21686	104	23191	162
11005	19	14052	21	18543	29	21132	93	21687	104	23192	152
11015	24	14052	131	18544	29	21200	46	21690	104	23192	162
11025	19	14055	24	18545	29	21200	93	21700	69	23193	152
11027	18	14056	24	18546	29	21200	111	21701	69	23193	162
11028	18	14057	24	18547	29	21205	46	21701	168	23195	162
11030	19	14067	24	18548	29	21210	47	21702	69	23197	151
11116	18	14068	24	18561	29	21210	93	21702	168	23260	157
11118	18	14069	24	18565	29	21211	47	21710	51	23261	157
11205	20	14070	23	18566	29	21211	93	21710	94	23334	159
11207	20	14071	23	18569	12	21215	93	21711	51	23335	159
11210	20	14072	23	18569	29	21220	48	21711	94	23354	159
11214	20	14073	23	18570	12	21220	93	21712	51	23377	159
11220	20	14074	23	18570	29	21221	48	21712	94	23393	184
11225	20	14076	23	18571	12	21221	93	21713	51	23393M50	159
11226	20	14512	23	18571	29	21230	48	21713	94	23393M100	159
11230	20	14514	23	18572	12	21230	93	22057	16	23393M250	159
11235	19	14516	23	18572	29	21232	48	22152	42	23393M500	159
11236	19	14517	23	18573	12	21232	93	22153	42	23399	156
11237	19	14519	23	18573	29	21235	49	22154	42	23400	156
11238	19	14523	23	18575	12	21300	93	22155	42	23401	157

23402	157	24029	91	25065	147	28251	98	28651	166	39517	64
23403	157	24029	133	25105	116	28268	90	28652	166	39552	65
23404	158	24098	91	25135	36	28268	132	28653	166	39560	69
23405	158	24098	133	25135	116	28272	54	28654	107	39570	69
23407	158	24099	91	25205	117	28291	71	28654	108	39710	63
23408	158	24099	133	25232	37	28295	60	28666	169	39711	63
23409	158	24104	209	25232	117	28303	96	28667	166	39715	59
23411M50	159	24105	89	25235	37	28304	150	28670	53	39800	72
23411M100	159	24105	131	25235	117	28304	161	28671	53	42009	76
23411M250	159	24106	89	25306	117	28306	161	28673	53	42103	28
23411M500	159	24106	131	25335RF	118	28308	161	28673	98	42103	52
23412M50	159	24108	91	25336	37	28309	97	28902	124	42103	76
23412M100	159	24108	133	25336	117	28310	55	28904	124	42103	96
23412M250	159	24135	45	25406	118	28310	97	28913	124	42104	76
23412M500	159	24188	87	25436	37	28311	55	28922	124	42105	28
23414	157	24189	87	25436	102	28311	97	29055	39	42105	76
23415	159	24203	124	25436	118	28321	55	29055	139	42105	96
23417	152	24204	124	25455	37	28321	97	29057	28	42107	76
23417	163	24205	124	25455	102	28321	101	29057	53	42108	76
23429	158	24206	124	25455	118	28325	56	29086	39	42110	76
23430	162	24207	124	25507	119	28325	60	29086	98	42112	76
23432	157	24207	127	25510	167	28327	150	29086	139	42115	76
23435	152	24215	60	25537	37	28327	161	29090	39	42120	76
23435	163	24225	91	25537	119	28328	209	29090	98	42121	76
23437	152	24225	133	25556	37	28329	61	29090	139	42123	76
23437	163	24228	97	25556	102	28330	39	29096	39	42124	76
23438	157	24506	50	25556	119	28331	39	29096	98	42125	76
23441	157	24506	94	25559	37	28332	39	29096	139	42126	76
23442	157	24509	45	25559	119	28333	161	29108	64	44465	117
23445	158	24516	45	25565	37	28335	40	29120	56	44503	77
23448	159	24517	50	25565	102	28336	40	29138	67	44503	133
23449	161	24518	91	25565	119	28337	40	29142	168	44504	77
23455	156	24518	133	25606	120	28339	48	29144	168	44504	133
23457	156	24549	63	25608	120	28339	112	29145	168	44507	77
23577	110	24555	63	25638	37	28340	44	29149	168	44508	77
23577	134	24556	136	25638	120	28345	60	29150	209	44513	78
23580	110	24556	138	25656	37	28352	40	29159	168	44514	78
23580	134	24557	136	25656	120	28353	40	29160	168	44515	78
23600	156	24557	138	25657	37	28354	40	29251	168	44516	79
23603	101	24567	39	25657	103	28355	40	29300	60	44517	78
23604	101	24567	136	25657	120	28356	41	29310	66	44521	79
23604	134	24568	39	25665	37	28357	41	29312	62	44523	80
23605	101	24568	136	25665	103	28367	90	29320	66	44525	80
23605	134	24579	50	25665	120	28367	132	29325	66	44526	80
23606	101	24580	50	25805	120	28368	90	29555	102	44527	80
23606	134	24580	94	25885	103	28368	132	29736	61	44528	80
23607	101	24583	55	25885	120	28369	90	29830	141	44531	79
23607	134	24583	97	26016	42	28369	132	29830	160	44635	78
23608	101	24593	50	26205	121	28370	207	29831	141	44635	134
23608	134	24594	50	26232	38	28389	167	29831	160	44640	78
23609	101	24595	50	26232	121	28390	167	34000	214	44640	134
23610	101	24596	50	26235	38	28391	168	34001	214	44660	78
23792	148	24599	46	26235	121	28392	168	34002	214	44660	134
23801	146	24599	47	26405	122	28400	111	34003	214	45135	74
23802	146	24621	110	26432	38	28409	97	34004	214	45135	116
23803	147	24623	110	26432	122	28409	113	34005	214	45222	74
23804	148	24626	50	26435	38	28420	55	34006	214	45222	87
23820	146	24627	207	26435	122	28421	55	34007	53	45222	117
23821	146	24628	50	26502	66	28453	90	34007	215	45225	74
23822	149	24629	50	26511	167	28453	133	34008	53	45225	87
23823	149	24661	55	28009	54	28454	90	34008	215	45225	117
23824	149	24662	55	28009	97	28454	133	34100	215	45235	74
23826	150	24665	30	28010	54	28482	167	34101	215	45235	87
23827	150	24715	139	28010	97	28506	53	34102	215	45235	117
23828	150	24756	39	28011	54	28506	96	34103	215	45335RF	118
23829	150	24756	136	28011	97	28513	77	34104	216	45336	74
23830	149	24757	39	28012	54	28513	207	34106	216	45336	88
23831	146	24757	136	28012	97	28515	77	34107	216	45336	117
23835	149	24759	101	28013	54	28515	207	34108	96	45638	75
23836	147	24759	111	28013	97	28524	53	34108	216	45638	120
23840	163	24759	135	28015	54	28524	96	34109	96	45665	75
23841	164	24778	140	28015	97	28526	166	34110	217	45665	120
23842	164	24779	140	28017	54	28527	166	34120	217	46222	75
23843	164	24792	38	28019	54	28528	166	34121	218	46222	121
23850	146	24792	137	28022	55	28552	53	34452	62	46225	75
23860	147	24793	137	28022	97	28552	96	34462	62	46225	88
23861	147	24797	38	28059	55	28553	53	34464	62	46225	121
23862	147	24797	137	28059	97	28553	96	35241	117	46235	75
23863	147	24891	86	28078	54	28557	166	36241	121	46235	88
23864	147	24957	88	28078	97	28557	166	36441	103	46235	121
23865	147	24957	118	28079	54	28585	53	36441	122	46315	75
23866	147	24960	119	28079	97	28586	28	38030	161	46315	89
23868	147	24965	119	28080	54	28587	53	38041	150	46315	108
23870	150	24971	109	28080	97	28590	28	39004	67	46315	123
23871	150	24971	118	28090	54	28591	28	39015	86	46324	75
23872	150	25016	42	28127	150	28592	53	39049	65	46324	89
23874	150	25050	140	28127	161	28592	96	39068	64	46324	123
23875	150	25051	111	28182	89	28594	53	39073	67	46405	122
23876	150	25051	132	28182	132	28595	53	39075	67	46422	75
23877	150	25051	135	28185	56	28595	96	39076	68	46422	122
23878	150	25051	140	28185	98	28623	53	39077	67	46425	75
23881	151	25052	111	28196	209	28623	98	39079	68	46425	88
23882	151	25052	132	28197	209	28625	53	39080	61	46425	122
23883	151	25052	135	28234	48	28625	98	39081	61	46435	75
23886	151	25052	140	28234	112	28629	53	39405	65	46435	88
23887	146	25055	140	28235	48	28629	98	39406	65	46435	122
23890	151	25057	140	28235	112	28637	54	39407	65	46715	75
23890M25	151	25060	140	28236	48	28638	54	39408	65	46715	89
23890M50	151	25060	147	28236	112	28639	97	39417	65	46715	123
23890M125	151	25061	141	28238	48	28642	53	39430	66	46724	75
23890M250	151	25061	147	28238	112	28642	98	39505	64	46724	89
23891	151	25062	141	28239	48	28645	166	39506	64	46724	123
23892	151	25062	147	28239	112	28646	166	39507	64	48008	161
23893	151	25065	140	28251	56	28649	97	39508	64	48059	150

48059	161	65232	117	84382	187	85139	191	88483	177	97735	210
48080	150	65235	87	84383	187	85390	187	88485	177	97736	210
48080	161	65235	117	84384	187	85391	187	88486	177	97737	210
48081	150	65335RF	118	84385	187	88220	177	88487	177	97738	210
48081	161	65455	88	84386	187	88221	177	88488	177	97739	210
48082	161	65455	109	84387	187	88222	177	88491	178	97740	210
48101	28	65455	118	84388	187	88223	177	88492	178	97741	210
48101	52	66232	88	84389	187	88300	173	88493	178	97744	210
48101	78	66232	121	84400	185	88301	173	88503	179	97745	210
48101	96	66235	88	84402	185	88302	173	88520	181	97746	210
48102	28	66235	121	84405	185	88303	173	88521	181	97747	210
48102	52	66432	88	84414	185	88305	174	88522	181	97755	210
48102	78	66432	122	84415	185	88307	174	88523	181	97760	209
48102	96	66435	88	84416	185	88310	181	88524	181	97801	159
48105	28	66435	122	84420	179	88311	181	88554	182	97802	159
48105	52	70210	111	84421	179	88312	181	88555	181	97801	211
48105	78	70210	135	84422	179	88313	181	88556	181	97802	211
48105	96	70211	111	84434	178	88314	181	88565	181	97803	211
48106	28	70211	135	84435	178	88315	180	88566	181	97804	211
48106	52	70215	110	84436	178	88316	180	88567	181	97805	211
48106	78	70215	134	84437	178	88317	180	88568	182	97806	211
48106	96	73202	199	84438	178	88318	180	88569	181	97807	211
48110	79	73202	199	84441	178	88319	180	88571	178	97808	211
48110	209	73215	107	84443	178	88320	180	88575	176	97809	211
48111	79	73252	199	84465	186	88321	180	88576	176	97810	211
48111	209	73252	199	84470	172	88322	180	88577	176	97811	211
48500	80	73383	199	84472	172	88323	180	88578	176	97812	211
48501	80	73383	199	84480	172	88324	180	88579	176	97813	211
48502	80	75000	108	84484	172	88325	180	88580	176	97814	211
48503	80	75010	106	84485	172	88326	180	88581	176	97815	211
48504	80	75011	106	84486	172	88327	180	88583	176	97816	211
48510	80	75012	106	84490	172	88328	180	88589	175	97817	211
48511	80	75015	106	84492	172	88329	180	88590	178	97818	211
48512	80	75016	106	84495	172	88330	175	88591	178	97819	211
48520	80	75020	107	84530	179	88331	175	88592	178	97820	211
48521	80	75050	108	84531	179	88333	175	88593	178	97821	211
48522	80	75051	108	84532	179	88334	175	88601	181	97822	211
48530	80	75055	108	84533	179	88340	175	88602	181	97823	211
48531	80	75056	108	84534	179	88341	175	88603	181	97824	211
48540	80	75057	108	84535	179	88343	175	88604	181	97825	211
48541	80	75060	108	84536	179	88344	175	92093	167	97826	211
48542	80	75070	109	84595	180	88350	175	92095	41	97827	211
48543	80	75100	111	84615	185	88351	175	92096	41	97828	211
48550	80	75200	110	84620	185	88353	175	92124	126	97829	211
48551	80	75200	134	84621	185	88354	175	92124	127	97830	211
48552	80	75201	110	84623	185	88360	175	92126	40	97831	211
48553	80	75201	134	84624	185	88361	175	92126	40	97832	211
48590	80	75202	110	84650	173	88363	175	92126	53	97833	211
48591	80	75202	134	84651	173	88364	175	92128	41	97834	211
48592	80	75203	110	84652	173	88395	182	92128	53	97835	211
48594	80	75203	134	84653	173	88396	181	92162	127	97836	211
48600	80	75204	110	84700	184	88397	181	92163	127	97837	211
48601	80	75204	134	84701	184	88398	181	92165	126	97838	211
48602	80	75205	110	84702	184	88399	181	92166	127	97839	211
48603	80	75205	134	84703	184	88400	183	92167	127	97840	211
49010	79	75210	110	84704	184	88401	187	92169	126	97841	211
52412	49	75210	134	84705	184	88408	183	92170	125	97842	211
52413	42	75211	110	84706	184	88409	183	92173	125	97843	211
52424	49	75211	134	84707	184	88410	187	92175	125	98876	36
52510	35	75232	109	84711	184	88411	187	92176	126	98876	58
52515	35	75232	117	84720	184	88417	174	92177	126	99301	193
52520	35	75235	109	84721	184	88421	182	92178	126	99302	193
52525	35	75300	113	84725	184	88422	182	92182	124	99303	193
52527	35	75355	109	84726	184	88423	182	92183	124	99304	193
53611	123	75355	117	84727	184	88424	182	92185	124	99305	193
53621	107	76232	110	84730	185	88425	182	92190	125	99306	193
53621	123	76232	121	84731	185	88430	185	92192	125	99307	193
53631	123	76235	110	85017	193	88431	183	92193	125	99308	193
53635	123	76235	121	85018	193	88433	185	92194	125	99309	193
53640	123	76432	110	85019	193	88440	178	92195	125	99310	193
53641	123	76432	122	85020	193	88441	178	92195	125	99311	193
53650	123	76435	110	85021	193	88442	178	92195	125	99312	193
53670	123	76435	122	85022	193	88445	176	92195	125	99313	193
53700	100	82004	173	85023	193	88446	176	92195	125	99314	194
53701	100	83000	182	85030	120	88447	176	92195	125	99315	194
53710	100	83005	173	85030	193	88450	176	92195	125	99316	194
53711	100	83015	183	85036	193	88451	176	92195	125	99317	194
53712	100	83023	184	85037	193	88452	176	92195	125	99318	194
53713	100	83023	185	85044	124	88453	176	92195	125	99319	194
53714	100	83130	179	85045	124	88455	176	92195	125	99320	194
53725	49	84211	179	85046	124	88456	176	92195	125	99321	194
53727	49	84212	179	85047	124	88457	176	92195	125	99322	194
53730	100	84213	179	85050	190	88458	176	92195	125	99323	194
53731	100	84225	179	85051	190	88459	176	92195	125	99324	194
53736	100	84245	183	85070	191	88460	176	92195	125	99325	194
53740	100	84246	183	85071	191	88461	176	92195	125	99326	194
53741	100	84247	183	85106	192	88462	176	92195	125	99327	194
53762	101	84248	183	85107	192	88463	176	92195	125	99328	194
53764	101	84249	183	85110	192	88465	177	92195	125	99329	194
53772	107	84250	183	85111	192	88466	177	92195	125	99330	194
54509	45	84312	183	85112	192	88467	177	92195	125	99331	194
55125	116	84323	186	85113	192	88468	177	92195	125	99390	63
55225	117	84325	186	85114	192	88470	177	92195	125	99400	198
55520	106	84330	186	85115	192	88471	177	92195	125	99401	198
55527	119	84360	186	85117	192	88472	177	92195	125	99402	198
55530	106	84361	186	85118	192	88473	177	92195	125	99403	199
55531	106	84362	186	85119	192	88475	177	92195	125	99404	199
55537	119	84364	186	85130	191	88476	177	92195	125	99405	199
56225	121	84370	183	85131	191	88477	177	92195	125	99406	199
56425	122	84371	183	85133	191	88478	177	92195	125	99407	199
63215	101	84372	183	85135	192	88479	177	92195	125	99408	201
65135	87	84374	183	85137	190	88480	177	92195	125	99409	201
65135	116	84380	187	85137	191	88481	177	92195	125	99410	201
65232	87	84381	187	85138	191	88482	177	92195	125	99411	201

99412	201	1353402	22	2395080	63	25101774	202	30101087	207	103205004	81
99413	201	1355020	22	2395140	63	25101780	202	30101093	77	103205005	81
99414	208	1355022	22	2410046	113	25101783	202	30101093	98	103205152	81
99415	208	1355040	22	2410561	89	25101819	203	30101093	207	103205204	81
99416	209	1355050	22	2410561	131	25101822	203	30101102	77	103205205	81
99417	200	1355060	22	2410564	89	25101840	203	30101102	98	120151920	62
99418	200	1355061	22	2410564	131	25101864	203	30101102	207	203201204	80
99419	200	1385111	19	2410661	89	25101870	203	30101111	77	203201205	80
99420	200	1385111	29	2410661	131	25101871	203	30101111	98	A1184	27
99421	200	1385112	19	2410664	89	25101897	204	30101111	207	A1186	27
99422	200	1485016	29	2410664	131	25101903	204	30101117	77	A1188	27
99423	200	1825106	17	2455000	136	25101909	204	30101117	98	A1190	27
99424	200	1988211	60	2455000	138	25101936	203	30101117	207	M101FZ	27
99425	200	2026154	28	2490171	60	25101942	203	30101123	77	M101RO	27
99430	41	2026154	52	2490172	60	25101948	203	30101123	98	NA7206	26
99431	41	2026154	96	2490310	66	25101963	203	30101123	207	NA58051	26
99600	15	2085147	71	2818264	89	25101978	202	30101129	77	ND6151	27
99600	130	2085478	66	2818264	132	25101981	202	30101129	98	ND6160	27
99601	12	2086100	41	3804205	196	25101987	202	30101129	207	ND6160ROSTFRI	27
99602	12	2090151	71	3804206	196	25101999	202	30201093	207	ND6161	27
99604	12	2125753	53	3804207	196	25102008	202	30201300	206	ND6172	27
99611	12	2125753	96	3804208	196	25102011	202	30201309	206	ND6172RO	27
99612	12	2140102	91	4080050	161	25102020	202	30201315	206	P499	27
99620	33	2145895	136	4342000	51	25102023	202	30201330	206	P499G	27
99622	35	2145895	138	7350005	113	25102032	202	30201339	206	PICO050A	196
99623	35	2145998	124	7350006	113	25102035	202	30201345	206	PICO063A	196
99624	34	2226156	28	7350008	113	25102038	202	30201354	206	PICO076A	196
99625	33	2226156	52	7350009	113	25102041	202	30301041	207	PICO102A	196
99625	84	2226156	96	7350012	113	25102047	202	35101216	205	PUHC050	196
99626	34	2246122	136	7350013	113	25102053	202	35101222	205	PUHC063	196
99626	85	2246122	138	7350015	113	25102056	202	35101258	205	PUHC076	196
99627	34	2285467	131	7350016	113	25102065	202	35101273	205	RUCO050	194
99628	34	2285470	136	7350020	113	25102068	202	38220406	206	RUCO063	194
99629	34	2285470	138	7350021	113	25102071	202	38220408	206	RUCO076	194
99630	85	2285471	136	8310030	174	25102074	202	38220806	206	SPEC1201	18
99631	58	2285471	138	9320119	205	25102077	202	38220808	206	SPEC1290	160
99632	58	2285472	136	9320120	40	25102083	202	38220812	132	SPEC2290	160
99648	35	2285472	138	10101474	203	25102341	204	38220812	206	SPEC2292	160
99649	35	2285473	136	10101498	203	25102344	204	38221208	206	SPEC2293	160
99656	35	2285473	138	10101519	203	25102345	204	38221210	206	SPEC2294	160
99659	35	2285474	136	10101564	198	25102347	204	38221212	206	SPEC2307	41
99662	59	2285474	138	10101564	203	25102350	204	38221612	206	SPEC6011	63
99666	36	2285475	136	10101567	203	25102353	204	38660101	206	SPEC6044	59
99666	86	2285475	138	10101591	203	25102356	204	55500206	19	SPEC7291	160
99666	102	2285479	136	10103064	200	25102359	204	55500304	19	SPEC7293	160
99667	36	2285479	138	10103070	198	25102365	204	55500306	19	SPEC8043	164
99667	102	2295014	59	10103073	200	25102377	204	70091220	203	STBE05045	195
99668	86	2295014	62	10103079	198	25102383	204	70101207	201	STBE05090	195
99668	107	2295014	66	10103088	198	25102386	204	70101237	199	STBE06345	195
99669	86	2295014	71	10103091	200	25102389	204	70101249	198	STBE06390	195
99670	36	2295015	66	10103250	200	25102392	204	70101249	201	STBE07645	195
99675	84	2295016	66	10103280	200	25102428	204	70101261	199	STBE07690	195
99676	85	2295018	62	10103295	198	25102431	204	70101273	198	STBE10245	195
99724	34	2295018	71	10103325	198	25102434	204	70101297	198	STBE10290	195
99725	33	2295104	62	10103337	200	25102440	204	70101303	199	STBP050050	195
99725	84	2295117	66	10103517	202	25102446	204	70501423	198	STBP063050	195
99726	34	2310033	48	10103520	202	25102450	204	70501423	199	STBP063063	195
99726	85	2310033	112	10103523	202	25102854	204	70501423	201	STBP076050	195
99727	34	2310034	48	10103526	202	25102866	204	72101011	178	STBP076063	195
99729	34	2310034	112	10103529	202	25102867	204	72101021	178	STBP076076	195
99730	85	2310035	48	10103532	202	25102869	204	72101045	178	STBP102050	195
99731	58	2310035	112	10103538	202	25102875	204	72101051	206	STBP102063	195
99732	58	2310037	48	10103544	202	25102876	204	72101063	178	STBP102076	195
99762	59	2310037	112	10103547	202	25102878	204	72101081	113	STBP102102	195
99766	36	2310038	48	10103724	198	25201016	205	72101081	206	STCO063050	195
99766	86	2310038	112	10105941	203	25201057	205	72101087	113	STCO076050	195
99766	102	2310039	48	10105959	203	25201061	205	72101087	206	STCO076063	195
99767	36	2310039	112	10105962	203	25201062	205	72101126	113	STCO102063	195
99767	102	2310043	48	10105998	203	25201171	205	72101126	206	STCO102076	195
99770	36	2310043	112	10106001	203	25201177	205	78020608	206	STPI05060	195
99775	84	2310044	48	10106364	200	25201192	205	78020808	206	STPI06360	195
99776	85	2310044	112	10106367	198	25201201	205	78020812	206	STPI07660	195
301296	76	2310045	48	10106370	200	25201204	205	78020816	206	STPI10260	195
301298	76	2310045	112	10106373	198	25201210	205	78021212	206	STTP05005005	194
315790	28	2326013	60	10106379	198	25201216	205	78050812	206	STTP06306306	194
315791	28	2326013	71	10106382	200	25201219	205	78070808	206	STTP07607607	194
550012	91	2326260	161	10106484	200	25201228	205	78080806	206	STTP10210210	194
550012	133	2326444	79	10106490	198	25201243	205	78080808	206	TEC500	25
737959	62	2330049	157	10106493	200	25201252	205	78080812	206		
737959	66	2330287	152	10106496	198	25201267	205	78310808	206		
737959	71	2330287	162	10106502	198	25201270	205	78510808	206		
1018095	67	2345386	17	10106505	200	25201273	205	78900808	206		
1018096	67	2345475	209	10201363	201	25201276	205	90101120	198		
1085076	71	2345892	55	10201375	201	25201279	205	90101120	198		
1085112	71	2345893	55	10201441	201	25201282	205	90101162	198		
1115650	19	2346077	138	10201459	201	25201285	205	90101162	198		
1120510	20	2346077	139	10201474	203	25201294	205	90101192	198		
1120520	20	2346078	139	10202275	201	25201297	71	90101192	198		
1120530	20	2346099	79	10202296	201	25201297	205	90201015	200		
1121020	20	2346100	79	10202365	201	25201300	205	90201015	200		
1125357	29	2346101	79	10202377	201	25201303	205	90201030	200		
1125372	28	2346102	79	14095008	113	25205001	81	90201030	200		
1315625	20	2346103	79	14611008	113	25300101	206	90301270	78		
1315627	20	2346104	79	14611012	113	25300102	113	90301272	78		
1315630	18	2346105	79	14611016	113	25300102	206	103201004	81		
1315630	20	2346106	79	25101117	204	30101069	207	103201005	81		
1315630	21	2346107	79	25101126	204	30101081	77	103201155	81		
1315656	18	2346108	79	25101132	204	30101081	98	103201204	81		
1315656	19	2385450	161	25101495	205	30101081	207	103201205	81		
1315656	21	2385466	79	25101498	205	30101084	77	103202004	81		
1315660	19	2385467	79	25101513	205	30101084	98	103202005	81	</	

1 Grease equipment

Air operated grease pumps and accessories	10
Pump ram systems	12
Hose reels	13
Grease control valves and accessories	15
Mobile grease pumps	16
Hand operated grease pumps	19
Cordless grease pumps	22
Grease nozzles	23
Specialty products	24
Hydraulic grease fittings	25
Installation accessories	28
Accessories	29

Grease pump, pressure ratio 55:1

Air operated grease pump. For mobile equipment. Bung adapter G 2" included.

Technical data

Ratio	55:1
Capacity	600 gr/min
Air connection	1/4" (F) BSP
Maximum air pressure	1 (10) MPa (bar)
Recommended air pressure	0,4 (4) - 0,7 (7) MPa (bar)
Outlet	1/4" (F) BSP

Part No	For container	Length
12540	12-20 kg	710 mm
12541	50 kg	925 mm
12542	180 kg	1120 mm



Grease pump, pressure ratio 60:1

Air operated grease pump. For both mobile and fixed installations. Bung adapter G 2" included.

Technical data

Ratio	60:1
Capacity	1000 gr/min
Air connection	1/4" (F) BSP
Maximum air pressure	1,0 (10) MPa (bar)
Recommended air pressure	0,4 (4) - 0,7 (7) MPa (bar)
Outlet	3/8" (F) BSP

Part No	For container	Length
12750	12-20 kg	700 mm
12751	50 kg	1000 mm
12752	180 kg	1180 mm



Divorced grease pumps 60:1

Air operated grease pump with separated air motor from pump tube. Avoids "sticky" grease to enter into the air motor. For both mobile and fixed installations. Bung adapter G 2" included.

Technical data

Ratio	60:1
Capacity	1000 gr/min
Air connection	1/4" (F) BSP
Maximum air pressure	1 (10) MPa (bar)
Recommended air pressure	0,4 (4) - 0,7 (7) MPa (bar)
Outlet	3/8" (F) BSP

Part No	For container	Length
12650	12- 20 kg	890 mm
12651	50 kg	1190 mm
12652	180 kg	1370 mm



Grease pump, pressure ratio 80:1

Air operated grease pump. For both mobile and fixed installations. Bung adapter G 2" included.

Technical data

Ratio	80:1
Capacity	730 gr/min
Air connection	1/4" (F) BSP
Maximum air pressure	1,0 (10) MPa (bar)
Recommended air pressure	0,4 (4) - 0,7 (7) MPa (bar)
Outlet	3/8" (F) BSP

Part No	For container	Length
12755	12-20 kg	700 mm
12756	50 kg	1000 mm
12757	180 kg	1180 mm



Heavy duty grease pumps (4 1/2" air motor)

High capacity heavy duty grease pump for simultaneous fluid distribution to multiple dispense points, or for pumping long distances (up to 100m). Heavy duty pumps should be used together with pump ram system.

Technical data

Air connection	1/2" (F) BSP
Outlet	1/2" (F) BSP

Part No	Ratio	Capacity	For container	Maximum air pressure
12825	25:1	16000 gr/min	180 kg	1,4 (14) MPa (bar)
12820	40:1	11000 gr/min	Bulk	1,4 (14) MPa (bar)
12822	40:1	11000 gr/min	180 kg	1,4 (14) MPa (bar)
12821	40:1	11000 gr/min	50 kg	1,4 (14) MPa (bar)
12832	70:1	7500 gr/min	180 kg	0,7 (7) MPa (bar)
12831	70:1	7500 gr/min	50 kg	0,7 (7) MPa (bar)
12830	70:1	7500 gr/min	Bulk	0,7 (7) MPa (bar)



Heavy duty grease pumps (6" air motor)

High capacity heavy duty grease pump for simultaneous fluid distribution to multiple dispense points, or for pumping large distances (up to 100m). Heavy duty pumps should be used together with pump ram system.

Technical data

Air connection	1/2" (F) BSP
Outlet	1/2" (F) BSP

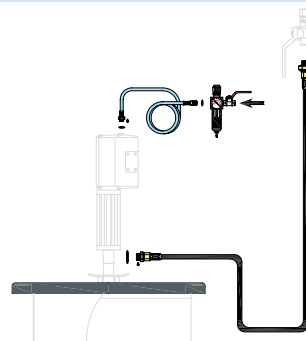
Part No	Ratio	Capacity	For container	Maximum air pressure
12842	80:1	8000 gr/min	180 kg	0,7 (7) MPa (bar)
12840	12:1	40000 gr/min	Bulk	0,7 (7) MPa (bar)
12841	80:1	8000 gr/min	50 kg	0,7 (7) MPa (bar)



Installation kit for pump in drums

Includes all the necessary components to install an air operated grease pump in a drum and connect to the air supply and distribution pipework. (Pump and follower plate not included).

Part No	Model
99601	Installation kit grease for 180 kg drums. (127 series) (pump not included)
99602	Installation kit grease for 50 kg drums. (127 series) (pump not included)
99604	Installation kit grease for 20 kg drums (127 series) (pump not included)
99611	Installation kit grease for 180 kg drums. (128 series)
99612	Installation kit grease for 50 kg drums. (128 series)



Follower plates

Eliminate cavitation and help pump priming. Rubber flange minimises waste by wiping the inner drum wall. Can be used with pump tube diameters 26-42 mm.

Part No	For container	Dimension	Pump
18569	12,5 kg	230-260 mm	127-ser
18570	18-20 kg	265-290 mm	127-ser
18575	25 kg	300-330 mm	127-ser
18571	50 kg	340-360 mm	127-ser
18572	50 kg	365-395 mm	127-ser
18573	180 kg	560-590 mm	127-ser
18576	50 kg	330-370 mm	128-ser
18577	50 kg	360-405 mm	128-ser
18578	180 kg	550-590 mm	128-ser



Two post ram

Function like a lift, but also exert downward force. Ram air cylinders push pump and follower plate into the fluid. The rams feature two-posts that exert downward force on pump to maintain prime. It also lifts the pump to ease change over of empty fluid containers. Kit includes pump, follower plate and ram.

Technical data

Length	610 mm
Width	991 mm
Height	1320 - 2250 mm

Part No	Model	For container
18300	Two post ram without pump	185 kg
18340	Two post ram with pump 40:1	185 kg
18370	Two post ram with pump 70:1	185 kg



Single post ram

Gravity assisted pump ram, the weight of the pump and accessories create a pressure on the grease and aiding pump prime. Ram also lifts pump to ease change over of empty fluid containers. Kit includes pump, follower plate and ram.

Technical data

Height 1630 - 2630 mm

Part No	Model	For container
18400	Single post hoist (w/o pump)	-
18440	Single post ram with pump 12822 40:1	50 kg
18470	Single post ram with pump 12832 70:1	185 kg



Pump hoist

Pump hoist for heavy duty pumps, making drum changes faster, easier and safer. The risk of contaminants from the pump being placed on the floor during drum changes is eliminated. The arm can swing freely serving up to three drums. Only for heavy duty pumps with eye bolt.

Technical data

Height 1630 - 2630 mm

Part No	Model
18305	One post pump hoist



Pump ram for sticky grease 12-20 kg

Mobile unit designed for use with hard to pump, sticky and high viscosity greases up to NLGI 3. A pneumatic piston elevates the pump for replacing an empty pail. The pneumatic piston also pushes down when the pump is in use.

Part No	Model
18200	Mobile pump hoist 12-20 kg with pump
18205	Mobile pump hoist 12-20 kg without pump



Series ORM

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
15125	Grease	10 (3/8") mm (inch)	35 (350) MPa (bar)	15 m



Series ORS

Open hose reel with low weight made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
15212	Grease	6,35 (1/4") mm (inch)	35 (350) MPa (bar)	10 m
15225	Grease	10 (3/8") mm (inch)	35 (350) MPa (bar)	15 m



Series OR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28902. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
15325	Grease	10 (3/8") mm (inch)	40 (400) MPa (bar)	15 m



Series LOR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28904. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
15527	Grease	10 (3/8") mm (inch)	40 (400) MPa (bar)	25 m



Series ORL

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
15436	Grease	12,5 (1/2") mm (inch)	27,5 (275) MPa (bar)	20 m



Series CRO

Cased hose reel made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
16212	Grease	6,35 (1/4") mm (inch)	35 (350) MPa (bar)	10 m
16225	Grease	10 (3/8") mm (inch)	35 (350) MPa (bar)	15 m



Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
16412	Grease	6,35 (1/4") mm (inch)	35 (350) MPa (bar)	10 m
16425	Grease	10 (3/8") mm (inch)	35 (350) MPa (bar)	15 m



Grease control valve

Control valve with outlet tube or hose and hydraulic nozzle.

Part No	Maximum working pressure	Connection
14612	50 (500) MPa (bar)	1/4" (F) BSP
14615	50 (500) MPa (bar)	1/4" (F) BSP
99600	50 (500) MPa (bar)	1/4" (F) BSP

14612



14615



99600



Grease meter

Digital grease meter, equipped with current dispense display and resettable and non-resettable totalisors. Digital display powered by two 1,5 V AAA batteries. Accuracy +/- 3 %.

Part No	Capacity	Maximum working pressure	Connection
14720	1000 gr/min	50 (500) MPa (bar)	1/4" (F) BSP
14740	2500 gr/min	70 (700) MPa (bar)	1/8" (F) BSP

14720



14740



Swivels for grease

Makes it possible to handle grease hoses with ease even at high pressure. For best results use a straight swivel between pump and distribution hose and a Z-swivel between hose and grease control valve.

Part No	Thread	Maximum working pressure
18070	1/4" (F)-(M) BSP	50 (500) MPa (bar)
18071	1/4" (F)-(M) BSP	50 (500) MPa (bar)
18072	1/4" - 1/2"-27 (M) NPT	50 (500) MPa (bar)
18073	1/4" - 1/8" (F)-(M) BSP	50 (500) MPa (bar)

18070



18072



18071/18073



Mobile grease pumps for 12 to 180 kg drums

Consisting of pump (pressure ratio 60:1 or 80:1), 1/4" quick coupling, drum lid, grease hose, z-swivel and grease control valve.

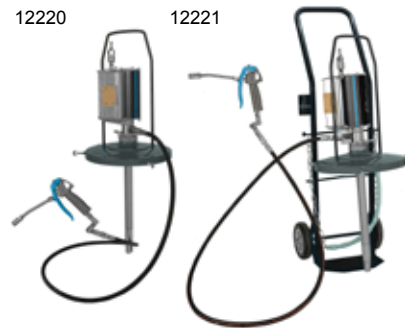
With 60:1 grease pump capacity appr. 1.000 g/min.

With 80:1 grease pump capacity appr. 730 g/min.

Part No	Ratio	For container	Hose length	Trolley
12200	60:1	12-20 kg	2 m	-
12201	60:1	12-20 kg	2 m	28528
12205	60:1	50 kg	3 m	28528
12305	60:1	50 kg	3 m	28526
12210	60:1	180 kg	3 m	28667
12213	60:1	180 kg	3 m	28645
12214	60:1	180 kg	10m hose reel	28645
12220	80:1	12-20 kg	2 m	-
12221	80:1	12-20 kg	2 m	28528
12225	80:1	50 kg	3 m	28528
12325	80:1	50 kg	3 m	28526
12230	80:1	185 kg	3 m	28667
12233	80:1	185 kg	3 m	28645

12200
12220

12201
12221



12205
12225

12214



12210
12230

Mobile pump for chassis lube

Complete unit for 185 kg drum. Consisting of pump 22762, pressure ratio 15:1, 1/2"-hose (4 m) with quick coupling for transferring grease to vehicle chassis lube containers. Delivered with trolley for 185 kg drum, drum cover and follower plate.

Part No

22057



Mobile grease pumps for 12-20 kg and 50 kg drums

Consisting of a pump (pressure ratio 55:1) capacity approx. 600 g/minute, 1/4" quick coupling, drum lid, grease hose, z-swivel and grease control valve.

Part No	Ratio	For container	Hose length	Trolley
12130	55:1	12-20 kg	2 m	-
12121	55:1	12-20 kg	2 m	28528
12131	55:1	50 kg	3 m	28528
12134	55:1	12-20 kg	2 m	25510
12135	55:1	50 kg	3 m	26511



Mobile grease pumps, "Deluxe", for 12-20 kg and 50 kg drums

Consists of a pump fitted to the lid of a protective container, incl. air coupling, grease hose, z-swivel and grease control valve. The container is mounted on a trolley fitted with four wheels.

Part No	Ratio	For container	Hose length	Trolley
12234	60:1	12-20 kg	2 m	25510
12235	60:1	50 kg	3 m	25611



Empty packaging

Part No	Model
1825106	Bucket Ø295 x 375 mm 20 l
2345386	Empty container 60L (Ø365mm x 680mm)

Filler kit for screw-in type cartridges and lever grease guns

Adapter kit to use a single grease pump for normal greasing using a grease hose and grease control valve, as well as filling up screw-in type cartridges and grease guns directly using loader nipples. Includes adapter for screw-in type cartridges, dust cover and loader nipples. Empty cartridges sold separately.

SPEC1201

1315630



Part No	Model
SPEC1201	Filler kit for screw-in type cartridges and lever grease guns
1315630	Empty screw-in cartridge
1315656	Dust cover for 14713

Portable grease pump

Portable grease pump, complete with hose and hydraulic coupling.

Part No	Capacity	Dimension	Maximum pressure	Volume
11027	7,5 gr/stroke	490x240x630 mm	35 (350) MPa (bar)	16 kg
11028	10-20 gr/stroke	380x170x620 mm	35 (350) MPa (bar)	16 kg
11639	30 gr/stroke	490x240x639 mm	15 (150) MPa (bar)	16 kg



High pressure grease pump

Pump mounts directly to a standard grease drum. Handle, drum lid, high pressure hose, outlet tube and hydraulic coupling included.

Part No	Capacity	Dimension	Maximum pressure
11116	2 gr/stroke	Ø 265-310 mm	35 (350) MPa (bar)
11118	2 gr/stroke	Ø 285-330 mm	35 (350) MPa (bar)



Foot operated grease pump

Heavy duty, durable and compact. Grease hose (1,5 metres) and hydraulic nozzle included.

Part No	Capacity	Maximum pressure	Volume
11310	2 gr/stroke	50 (500) MPa (bar)	5 kg



Grease reservoir filler pump

Medium pressure pump with 1,5 m hose for centralised grease reservoir filling. Quick connectors ordered separately.

Part No	Model	For container	Dimension
11713	Loader pump for grease 12-18 kg drums.	12-18 kg	265- 310 mm
11714	Loader pump for grease 20 kg drums	20 kg	285-330 mm
11715	Loader pump for grease 50 kg drums	50 kg	350-395 mm
1115650	T-adapter connection kit for filler pumps for 11713-15		
14713	Filling adapter for screw-in type cartridges		
1315656	Dust cover for 14713		
55500304	Quick release coupler female G1/4"(f) 35 Mpa		
55500306	Quick release coupler female G3/8"(f) 35 Mpa		
55500206	Quick release nipple male G3/8"(f) 31,5 Mpa		
11030	Filler pump for 400/500g cartridges		
1315660	Adapter for 11030 M20 x 1,5 (m)		
1315661	Adapter for 11030 M20 x 1,5 (m)		
1385111	T-screw kit for plastic buckets (20 kgs).		



Heavy duty grease reservoir filler pump

For loading bulk grease into chassi systems with 1,5 m hose, follower plate, drum lid and quick connector for centralised grease reservoir filling. Capacity 50 gr/stroke.

Part No	Model	For container	Dimension
11238	Loader pump for grease reservoir 5 kg 192-215 mm	5 kg	192-215 mm
11237	Loader pump for grease reservoir 15-18 kg 240-300 mm	15-18 kg	240-300 mm
11235	Loader pump for grease reservoir 20 kg 260-305 mm	20 kg	
11239	Loader pump for grease reservoir 25 kg 312-342 mm	25 kg	312-342 mm
11236	Loader pump for grease reservoir 50 kg 385-435 mm	50 kg	385-435 mm
1385112	T-screw kit for plastic buckets (20 kgs) for 1123X		



Hand operated grease pump

Simple hand pump. The nozzle is pressed against the fitting. Made of zinc coated steel with plastic lid. Max. pressure 25 MPa (250 bar), capacity 0,6 cm³/stroke.

Part No	Type	Dimension	Volume
11001	Funnel/hydraulic nozzle	Ø 30 x 115 mm	60 cm³
11002	Pointed nozzle	Ø 30 x 115 mm	60 cm³
11003	Funnel nozzle	Ø 40 x 240 mm	150 cm³
11004	Pointed nozzle	Ø 40 x 240 mm	150 cm³
11005	Hydraulic nozzle	Ø 40 x 240 mm	150 cm³
11025	Funnel/hydraulic nozzle	Ø 30 x 115 mm	60 cm³



Lever grease pump

For use either with bulk grease (filled by hand or by loader pump) or the international 400 g lubricant cartridge, Ø 53 x 237 mm. Outlet tube with hydraulic coupling included.

Part No	Model	Capacity	Maximum pressure
11205	Lever grease pump. Standard.	0,8 gr/stroke	35 (350) MPa (bar)
1120510	11205 with 200 mm grease hose - part.no 14042	0,8 gr/stroke	35 (350) MPa (bar)
1120520	11205 with 300 mm grease hose - part.no 14043	0,8 gr/stroke	35 (350) MPa (bar)
1120530	11205 with 450 mm grease hose - part.no 14044	0,8 gr/stroke	35 (350) MPa (bar)
11214	Lever grease pump. With large container (1000 cm³),	0,8 gr/stroke	35 (350) MPa (bar)
14726	Adapter for lever grease pumps for using MLS threaded cartridges		
1315630	Empty screw-in cartridge		
11210	Lever grease pump. Industry.	0,8 gr/stroke	70 (700) MPa (bar)
1121020	Lever grease pump. Industrial with outlet hose 300mm.	0,8 gr/stroke	70 (700) MPa (bar)
11750	Lever grease pump. Heavy duty industrial version with outlet hose. 0,8 gr/stroke 75 (750) MPa (bar)	0,8 gr/stroke	75 (750) MPa (bar)
11207	Lever grease pump." Speedy Grease" with magnet	2,5 gr/stroke	80 (800) MPa (bar)
1315625	Follower plates, 24 pcs for 11207 Speedy Grease.		
1315627	Screw cartridge adapter 11205, 11207, 11210, 11750		
11220	Lever grease pump. Heavy duty	1,3 gr/stroke	70 (700) MPa (bar)
14727	Adapter for lever grease pumps for using MLS threaded cartridges		
11230	Lever grease pump. Extra heavy duty.	1,1-1,7 gr/stroke	70 (700) MPa (bar)



11205



11214



11210



11750



11207



11220



11230

Lever grease pump (single hand operation)

Grease gun, operated by one hand, for use with either bulk grease (filled by hand or by loader pump) or the international 400 g lubricant cartridge, Ø 53 x 237 mm (Ø 2 3/32" x 9 1/3"). Outlet tube with hydraulic coupling (4 jaws, Ø 14 mm) included.

Part No	Capacity	Maximum pressure
11226	0,7 gr/stroke	45,5 (455) MPa (bar)
11225	0,8 gr/stroke	45,5 (455) MPa (bar)



11225



11226

Air operated grease pump

Complete with air bleeder valve and connection thread for loader fitting (part No 18002), outlet with nozzle (4 jaws, Ø14 mm). Each operation of the trigger delivers approx. 1cm³ of grease. Pressure ratio 60:1.

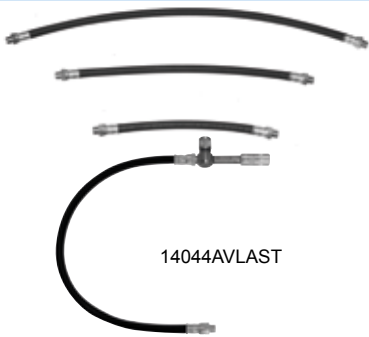
Part No	Capacity	Maximum pressure	Volume
12517	1 cm ³	1 (10) MPa (bar)	500 cm ³
12527	1 cm ³	1 (10) MPa (bar)	1000 cm ³



Grease outlet hoses

High pressure hose, 4,8 mm i.d. nitrile rubber with one polyester braid PN 40 MPa (400 bar) and swaged couplings.

Part No	Thread	Length
14042	1/8" (M) BSPT	200 mm
14043	1/8" (M) BSPT	300 mm
14044	1/8" (M) BSPT	450 mm
14044AVLAST	1/8" (M) BSPT	450 mm
14047	1/8" (M) BSPT	1000 mm
14052	1/8" (M) BSPT	2500 mm



Loader pump for grease pumps

For loading bulk grease into lever or air operated grease guns. Capacity 50 gr/stroke. Included loader nipples for Ø 9 and Ø 12 mm.

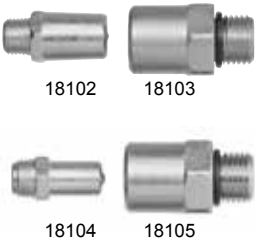
Part No	Model	Dimension
11710	Loader pump for grease 12- 18 kg Ø265-310 mm	Ø265-310 mm
11711	Loader pump for grease 20 kg Ø285- 330 mm	Ø285- 330 mm
11712	Loader pump for grease 50 kg drums.	Ø350- 395 mm
14713	Filling adapter for screw-in type cartridges	
1315630	Empty screw-in cartridge	
1315656	Dust cover for 14713	



Loader nipple

For loading bulk grease into 11200 and 12500-series pumps with a loader pump.

Part No	Dimension	Connection
18102	Ø12,5 mm	1/8" (M) BSP
18103	Ø12,5 mm	1/4" (M) BSP
18104	Ø9 mm	1/8" (M) BSP
18105	Ø9 mm	1/4" (M) BSP



Magnet holder for lever grease pump

Part No	Model
14717	Magnetic holder for grease guns



Cordless grease pump, 20V Li-Ion, heavy duty

For use with either bulk grease (filled by hand or by loader pump) or the international 400 g lubricant cartridge, Ø 53 x 237 mm. High pressure delivery up to 50 MPa (500 bar) and 100 / 160 gr/min., has a capacity to deliver 40 cartridges per battery charge (4,0 Ah). Supplied with one Li-Ion high capacity 20 V battery, fast charger, 1 metre high pressure flexible hose with hydraulic coupler, bleeder valve and loader nipple. A built in display shows remaining grease level, battery level and how much grease has been dispensed. Built-in LED flashlight. All delivered in a heavy duty carrying case.



Part No	Model	Capacity	Maximum pressure
13534	Battery powered grease gun 20V 4 Ah	100 / 160 gr/min	50 (500) MPa (bar)
13532	Battery powered grease gun 20V 2 Ah	100 / 160 gr/min	50 (500) MPa (bar)
1353401	Battery for 13534 4 Ah 20 V DC	4 Ah	
1353201	Battery for 13532 2 Ah 20 V DC	2 Ah	
1353402	Charger 230V for 13532 and 13534		

Cordless grease pump, 20V Li-Ion

For use with either bulk grease (filled by hand or by loader pump) or the international 400 g lubricant cartridge, Ø 53 x 237 mm. High pressure delivery up to 69 MPa (690 bar) and 113 / 170 gr/min., has a capacity to deliver 15 cartridges per battery charge. Supplied with one Li-Ion high capacity 20 V battery, fast charger, 1 metre high pressure flexible hose with hydraulic coupler, bleeder valve and loader nipple. A built in display shows remaining grease level, battery level and how much grease has been dispensed. Built-in LED flashlight. All delivered in a heavy duty carrying case.



Part No	Model	Capacity	Maximum pressure
13523	Cordless grease pump heavy duty 20V 2,5Ah Li-Ion	113/170 gr/min	69 (690) MPa (bar)
13524	Cordless grease pump heavy duty 20V 2x 2,5Ah Li-Ion	113/170 gr/min	69 (690) MPa (bar)
13526	Cordless grease pump heavy duty 20V 4,0Ah Li-Ion	113/170 gr/min	69 (690) MPa (bar)
13527	Cordless grease pump heavy duty 20V 2x 4Ah Li-Ion	113/170 gr/min	69 (690) MPa (bar)
1355040	Battery for 13523, -24 2,5 Ah 20 V DC	2,5 Ah	
1355050	Battery for 13526, -27 4 Ah 20 V DC	4 Ah	
1355060	Battery charger 230V for 14, 4, 20V Li-Ion batteries 13523, 13524, 13526, 13527		
1355061	Charger, Mobile 12/24V, for Li/Ion batteries 14,4/20V 13523, 13524, 13526, 13527		
14727	Adapter for lever grease pumps for using MLS threaded cartridges		

Cordless grease pump, 18V Li-Ion

For use with either bulk grease (filled by hand or by loader pump) or the international 400 g lubricant cartridge, Ø 53 x 237 mm. High pressure delivery up to 45 MPa (450 bar) and 160 gr/min., has a capacity to deliver 5 cartridges per battery charge. Supplied with one high-capacity (Li-Ion) 18 V battery, fast charger, 1 metre high pressure flexible hose with hydraulic coupler, bleeder valve and loader nipple. All delivered in a heavy duty carrying case.



Part No	Model	Capacity	Maximum pressure
13517	Cordless grease pump heavy duty 18V Li-Ion	160 gr/min	45 (450) MPa (bar)
1355020	Battery Li-Ion for 13517 18V		
1355022	Battery charger 220-240V Li-Ion for 13516/13517		
14726	Adapter for lever grease pumps for using MLS threaded cartridges		

Adapter for accordion cartridge

Part No	Fits
14534	13517 , 13534, 13532, 11205, 11210
14535	11220, 11230, 11225
14536	11207
14538	13507, 13523, 13524, 13526, 13527



Grease outlet tube

Grease pump outlet tubes. Connection thread: G1/8" (m).

Part No	Dimension	Thread	Nozzle
14715	Ø10 mm	1/8" (M)-(M) BSP	-
14517	Ø15 mm	1/8" (F) BSP	14512
14519	Ø18 mm	1/8" (F) BSP	14514



Hydraulic nozzle

Connection thread on all nozzles G1/8" (f).

Part No	Model	Dimension	Jaws
14512	Hydraulic nozzle with connection thread G1/8" (f) Ø15 mm 4 jaws.	Ø15 mm	4 pce
14516	Hydraulic nozzle with non return valve G1/8" (f) Ø15 mm 4 jaws.	Ø15 mm	4 pce
14514	Hydraulic nozzle G1/8"(f) Ø18 mm 3 jaws. Ø18 mm	Ø18 mm	3 pce
14560	Hydraulic nozzle Ø14 mm 1/8" (F) NPTF	Ø14 mm	3 pce
14565	Hydraulic nozzle, lock-on G1/8" Ø14 mm - quick release	Ø14 mm	
14001	Hydraulic nozzle G1/8" (f) Ø18mm 3 jaws, adjustable 360°	Ø18 mm	3 pce
14523	Relief valve for relieving of locked nozzles, 90°		
14528	Relief valve for relieving of locked nozzles, straight		



Slip-sleeve connectors

For easy change of different nozzles.

Part No	Connection
14015	1/8" (M) BSP
14016	1/8" (F) BSP
14017	Ø10 mm
14018	90° 14512
14019	90° 14514
14070	45 mm Pointed nozzle



Slip-sleeve, needle nozzles

For connection to nozzle 14512 or 14560.

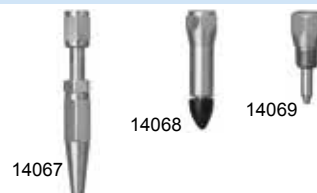
Part No	Model	Length
14071	Slip-Sleeve connector needle nozzle Ø 6 mm.	33 mm
14072	Slip-Sleeve connector needle nozzle Ø 6 mm 45°	33 mm
14073	Slip-Sleeve connector needle nozzle Ø 1,5 mm	45 mm
14074	Slip-Sleeve connector needle nozzle Ø 2 mm.	45 mm
14076	Slip-Sleeve connectors 4 different in a plastic box.	



Needle nozzles

Connects with G1/8" (f) to a hose or a rigid tube.

Part No	Model
14067	Needle nozzle with protection G1/8"(f).
14068	Needle nozzle with rubber tip G1/8"(f).
14069	Needle nozzle G1/8"(f).



Button head nozzles

Connects with G1/8" (f) to a hose or a rigid tube.

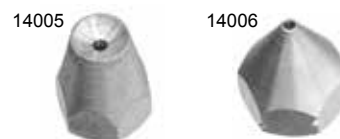
Part No	Seals	For grease fitting	Height
14048	Metal	Ø16 / 15 mm 6-hex mm	20 mm
14046	Metal	Ø16 / 15 mm 6-hex mm	17 mm
14055	Rubber	Ø16/ 15 mm 6-hex mm	22 mm
14050	Rubber	Ø22 mm	28 mm
14056	Rubber	Ø22 mm	44 mm
14057	Metal	Ø22 mm	21 mm



LUB nozzles

Connects with G1/8"(f) to a rigid tube.

Part No	Model
14005	LUB-nozzle connects with G1/8"(f) to a rigid tube. Zerk
14006	LUB-Nozzle connects with G1/8"(f) to a rigid tube. Flush



The grease joint rejuvenator

Simply fill the tool with a light oil and with a few taps the joint will open. The grease joint rejuvenator will allow a clogged grease fitting and / or joint to take on grease by injecting a light viscosity oil into the grease joint via the grease fitting, thus breaking up and removing any dirt, rust or debris. The purpose of this tool is to free up the joint and the fitting enabling them to be greased. When using the tool, be sure to bleed any air out that may be trapped in the tool body. Once the tool is installed onto the grease fitting, only a tapping of the piston is required to open a joint.

Part No	Model
11015	Grease joint rejuvenator.



Bearing packer

This unit removes old grease from the race and cage of roller or ball bearings and re-packs them with fresh grease. Includes a protective cover to keep dirt out when not in use and has mounting holes for attaching it to a workbench. From Ø19 - Ø150 mm bearing size.

Part No
11709



Grease spray unit

Air pressure operated grease spray unit for spraying grease directly from screw type cartridges. The unit delivers a constant quantity as long as the trigger is pulled. Flat or round spray pattern can be adjusted. Includes quick connector that fits Cejn 320 or Tema 1600. Applications: Spraying grease onto chains, wire ropes, open gears, slide ways, telescopic booms, etc.

Part No	Maximum air pressure
12519	0,3-0,5 (3-5) MPa (bar)



Grease spray valve

Grease control valve with air connection for application of grease on larger surfaces. Grease and air hose included. The air mixture can be adjusted using a needle valve.

Part No	Air connection	Hose length	Connection
12512	1/4" (M) BSP	3 (1/4") m	3/8" (M) BSP



Thread gauge

Thread gauge for grease fittings.

Part No	Model
19100	Thread gauge BSP
19101	Thread gauge NPT
19102	Thread gauge M



Hydraulic grease fittings

Manufactured according to DIN 71412.
Material: Zinc coated steel, hardened head.
Stainless Steel equivalent to SS 2346 (AISI303).
Principal: Jaws grip the fitting head, metallic seal (rubber on certain models). The nozzle is twisted off the fitting when greasing is complete.

Part No	Model
509F	Grease fitting, R1/8", straight
509FROSTFRI	Grease fitting, R1/8", straight Stainless steel (AISI 303)
509	Grease fitting, 1/8"NPT, straight
509ROSTFRI	Grease fitting, 1/8"NPTF, straight Stainless steel (AISI 303)
512	Grease fitting, G1/4", straight
512ROSTFRI	Grease fitting, G1/4", straight, Stainless steel (AISI 303)
515	Grease fitting, G3/8", straight
504	Grease fitting, M6X1, straight
504ROSTFRI	Grease fitting, M6X1, straight, Stainless steel (AISI 303)
505	Grease fitting, M8X1, straight
505ROSTFRI	Grease fitting, M8X1, straight, stainless steel
507	Grease fitting, M8X1,25, straight
580	Grease fitting, M10X1, straight
582	Grease fitting, M10X1,5, straight
580ROSTFRI	Grease fitting, M10X1, straight, stainless steel
516	Grease fitting, W1/4", straight
511	Grease fitting, W3/8", straight
513K	Grease fitting, 1/4"-28 SAE-LT, straight
TEC500	Grease fitting, Ø6mm, drive fitting
501	Grease fitting, Ø8 mm, drive fitting Straight
502	Grease fitting, Ø 5/16" drive fitting Straight



509 / 509F

Hydraulic grease fittings 45°

Part No	Model
519F	Grease fitting, R1/8", 45°
519	Grease fitting, 1/8" NPTF, 45°
NA58051	Grease fitting, G1/4", 45°
NA7206	Grease fitting, M6X1, 45°
505B	Grease fitting, M8X1, 45°
515ROSTFRI	Grease fitting, M8X1 45°, stainless steel
514B	Grease fitting, M8X1,25, 45°
584	Grease fitting, M10X1, 450
547K	Grease fitting, 1/4"-28 SAE-LT, 45°



547K

Hydraulic grease fittings 90°

Part No	Model
535F	Grease fitting, R1/8", 90°
535	Grease fitting, 1/8" NPTF, 90°
538	Grease fitting, G1/4", 90°
576	Grease fitting, M6X1, 90°
577	Grease fitting, M8X1, 90°
514	Grease fitting, M8X1,25, 90°
583	Grease fitting, M10X1, 90°
525	Grease fitting, 1/4"-28 SAE-LT, 90°, 16 mm Long under hexagon



525

Hydraulic grease fittings, long

Part No	Model
1669B	Grease fitting, 32 mm under hexagon Straight 1/8" (M) NPTF
1684B	Grease fitting, length 54mm Straight 1/8" (M) NPTF
1697	Grease fitting, length 19mm under hexagon Straight M6X1
1698	Grease fitting,length 21mm Straight 1/4"-28 SAE-LT

1669B



Grease fitting selection

Part No	Description
19002	Assortment box with the 17 most commonly used hydraulic fittings. Contains an assortment of G1/4", G1/8", G3/8", M10x1, M8x1 and M6x1, in 45° and 90° design, in all a total of 350 fittings. The box is made of crush proof plastic.
19009	Contains an assortment of M6x1, M8x1,25, M10x1 and G 1/8" in straight, 45° and 90° design, in all a total of 140 fittings. The box is made of plastic with 12 different compartments.



19002

19009



Protection cover for grease fittings

Protects hydraulic grease fittings from ingress of dirt.

Part No	Model
P499	Protection cover (red) for grease fittings
P499G	Protection cover (yellow) for grease fittings

P499



P499G



LUB grease fittings

Material: Zinc coated steel.

Principal: The pump nozzle is pressed against the fitting, metallic seal.

Part No	Model
109	LUB grease fitting, Straight R 1/8"
127	LUB grease fitting, straight Straight G1/8"
129	LUB grease fitting, Straight G1/4" Funnel nozzle
185	LUB grease fitting Straight M6X1
107	LUB grease fitting Straight M8X1,25
108	LUB grease fitting Straight M10X1
110	LUB grease fitting Straight W5/16"
101	LUB grease fitting, straight Straight Ø6 mm Drive Fitting
121	LUB grease fitting Straight Ø6 mm Drive Fitting Funnel nozzle
102	LUB grease fitting Straight Ø8 mm Drive Fitting
120	LUB grease fitting, Straight Ø8 mm Drive Fitting
143	LUB grease fitting 45° G1/8" Funnel nozzle



129



112



119B

Button head fittings

Material: Zinc coated steel / stainless steel equivalent to SS 2346 (AISI303).

Principal: The nozzle grips the flange of the fitting when slid or pushed on, metallic or rubber seal.

Part No	Model
1824	Button head fitting Ø22 mm G1/4"
ND6151	Button head fitting G3/8", Ø 22 mm
1822A	Button head fitting Ø22 mm 3/8"NPTF
18201	Button head fitting Ø22 mm 1/2"NPTF
ND6172	Button head fitting G1/8", Ø 16 mm
ND6172RO	Button Head Fitting G1/8", Ø16 mm Stainless Steel
A1184	Button head fitting short 1/8"NPTF Ø16mm
ND6160	Button head fitting G1/4", Ø 16 mm
ND6160ROSTFRI	Button head fitting G1/4", Ø 16 mm, stainless steel
ND6161	Button head fitting G3/8", Ø 16 mm
A1186	Button head fitting 1/4" NPTF Ø16mm
A1188	Button head fitting 3/8" NPTF Ø16mm
A1190	Button head fitting 1/2" NPTF Ø16mm
M101FZ	Button head fitting M10X1 Ø16
M101RO	Button head fitting M10X1 Ø16mm stainless steel
208	Button head fitting 15mm hexagon G1/8".
208ROSTFRI	Button head fitting 15mm hexagon G1/8"
211	Button head fitting 15mm hexagon G1/4"
211ROSTFRI	Button head fitting 15mm hexagon G1/4".



211



ND6160



A1186



ND6151

Extension

Makes it possible to extend a lubricant fitting for ease of lubrication.

Part No	Thread
171	1/8" -1/8" (F)-(M) BSP

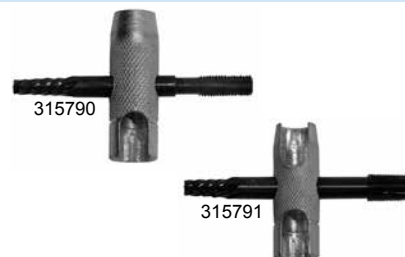


25 mm

Fitting tool

All-in-one tool to extract broken fittings, re-thread holes and install new straight and angle-type fittings.

Part No	Model
315790	Fitting tool 1/4"-28 SAE
315791	Fitting tool 1/8" NPT



Air treatment units

Part No	Model	Type	Connection
42103	FR-Unit with valve 1/4" (F) BSP	42009, 42107, 42110	1/4" (F) BSP
42105	FRL-Unit with valve 1/4" (F) BSP	42107, 42009, 42108, 42110	1/4" (F) BSP
2026154	Bracket for 42103 on 22750, 22760, 22850		
2226156	Hose air 0,15MxØ8mm, push-in coupling 1/4"(f) 90°- push-in coupling 1/4"(f) 90°		



Air line hoses

For connection from pipeline to pump. PUR hose max. working pressure 1.5 MPa (15 bar), push-in connectors with male thread.

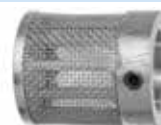
Part No	Dimension	Thread	Length
48101	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	1,5 m
48102	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	3 m
48105	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	1,5 m
48106	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	3 m



Inlet strainer

Filter for grease pumps 12750-52, 12755-57, 12560-62. The strainer is mounted directly on to the inlet to prevent any contamination of the grease.

Part No
1125372



Bung adapters

With split collar. G2" (m) thread for drum or drum covers.

Part No	Pump	Pump tube
28590	12852	Ø 40 mm
28591	12750, 12751, 12752, 12755, 12756, 12757, 12650, 12651, 12652.	Ø 30 mm
28586	12540, 12541, 12542	Ø 26 mm

28586



Dust cover for drum adapter

Part No	Model
29057	Dust cover for drum adapter

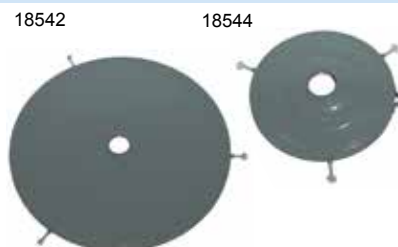
29057



Drum covers

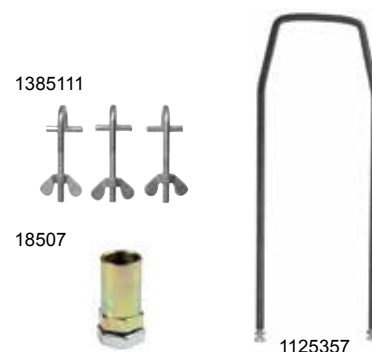
Made of sheet metal with G2" (f) thread for the pump bung adapter and three retaining screws.

Part No	For container	Dimension	Pump
18544	12,5-20 kg	275-305 mm	127-ser
18545	18-20 kg	290-327 mm	127-ser
18546	50 kg	345-380 mm	127-ser
18543	50 kg	360-405 mm	127-ser
18542	180 kg	560-605 mm	127-ser
18548	50 kg	360-405 mm	128-ser
18547	180 kg	560-605 mm	128-ser



Drum cover accessories

Part No	Model
1485016	Screw kit drum cover (3 pcs)
1125357	Carrying handle for drum cover 18544.
1385111	T-screw kit for plastic buckets (20 kgs).
18507	Grease gun holster for drum lids
18561	Holder for greasegun



Follower plates

Eliminate cavitation and help pump priming. Rubber flange minimises waste by wiping the inner drum wall. Can be used with pump tube diameters 26-42 mm.

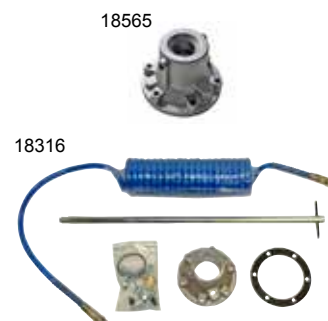
Part No	For container	Dimension	Pump
18569	12,5 kg	230-260 mm	127-ser
18570	18-20 kg	265-290 mm	127-ser
18575	25 kg	300-330 mm	127-ser
18571	50 kg	340-360 mm	127-ser
18572	50 kg	365-395 mm	127-ser
18573	180 kg	560-590 mm	127-ser
18576	50 kg	330-370 mm	128-ser
18577	50 kg	360-405 mm	128-ser
18578	180 kg	550-590 mm	128-ser



Adapter for follower plates

Attaches to the follower plate to further maximise emptying of the grease drum. Fits all follower plates.

Part No	Model
18565	Follower plate adaptor Ø30 mm 127-ser
18566	Follower plate adaptor Ø35 mm 128-ser
18316	Connecting kit ram for 12821, 12831 & 12841



Grease line filter

For installation in grease distribution pipework (grease outlets). Constructed using washers which provide simplified cleaning. The filter withstands high pressure drops which eliminates the risk of damaging the filter when filled with impurities. Check with grease supplier if the grease you are using can be filtered.



Part No	Thread	Maximum pressure	Filtration
14527	3/8" 1/2" 3/4" (M) BSP	50 (500) MPa (bar)	100 µm

Distribution hoses for grease

High pressure hose, 1/4" i.d., double braided nitrile rubber. Burst pressure min 140 MPa (1400 bar), swaged couplings, connection threads G1/4" (f) swivelling nuts incl. two adapters G1/4" (m) and one bushing G1/4" (f) - G3/8" (m). Other lengths are available upon request.



Part No	Thread	Maximum pressure	Hose length
18122	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	2 m
18123	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	3 m
18125	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	5 m
18127	1/4" (F)-(M) BSP	140 (1400) MPa (bar)	7 m
18129	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	10 m
18130	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	12 m
18131	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	15 m
18132	1/4" 3/8" (F)-(M) BSP	140 (1400) MPa (bar)	20 m

Grease supply hoses

High pressure hose, 3/8" i.d., double wire braided nitrile rubber with swaged couplings and two connection adapters, G3/8" (m). Burst pressure min. 112 MPa (1.120 bar). Other lengths are available upon request.



Part No	Thread	Maximum pressure	Hose length
18107	3/8" (F)-(M) BSP	112 (1120) MPa (bar)	1,5 m
18110	3/8" (F)-(M) BSP	112 (1120) MPa (bar)	4 m
18112	3/8" (F)-(M) BSP	112 (1120) MPa (bar)	6 m
18111	3/8" (F)-(M) BSP	112 (1120) MPa (bar)	2 m

High volume grease supply hose

Part No	Dimension	Thread	Maximum pressure	Hose length
18150	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	112 (1120) MPa (bar)	4 m



Grease accumulator

A piston accumulator is used in-line in a grease distribution system. It creates a buffer so that when dispensing grease, the flow is smoother and more even and the load on the grease pump is decreased.

Part No	Dimension	Inlet	Volume	Length
24665	Ø115 mm	1/2" (F) BSP	2,0 l	445 mm



2 Oil equipment

Air operated oil pumps.....	32
Installation kits for 227 & 228-series pumps.....	33
Electric pumps for oil	35
Air operated diaphragm pump	35
Spring operated hose reels	36
Valves and meters	38
Distribution kits	39
Distribution kits for 1.000 l containers.....	40
Tank kits.....	41
Mobile oil distributors.....	42
Mobile oil dispensers	43
Portable oil dispensers, oil bar	45
Hand operated pumps	46
Drum taps, oil cans, measures etc.	50
Installation accessories	52

Oil pump, pressure ratio 1:1

Transfer pump for connection to bulk tank or drum. The stub pump version can be wall or floor mounted. Double acting air operated pump for transferring oil and non-corrosive liquids. Includes a bung adapter G2" (m).

Technical data

Capacity 40 l/min free flow
Air connection 1/4" (F) BSP
Maximum air pressure 1 (10) MPa (bar)
Recommended air pressure 0,3 (3) - 0,5 (5) MPa (bar)
Outlet 3/4" (F) BSP

Part No	Inlet	Pump
22800	1" (F) BSP	Stub
22805	-	208 l Drum



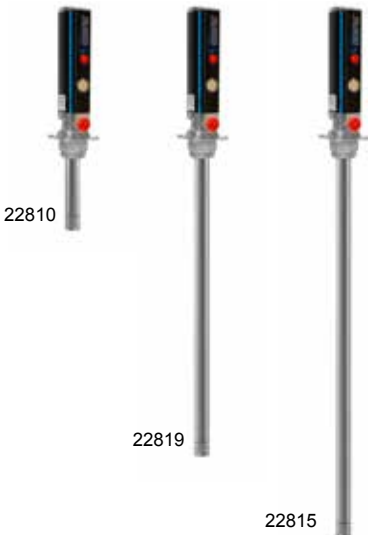
Oil pump, pressure ratio 3:1

Low pressure pump for smaller oil distribution system and lower viscosity oils. Suitable for connection to a bulk tank or drum. The stub pump version can be wall or floor mounted. Double acting air operated pump for oil and non-corrosive liquids. Includes a bung adapter G2" (m) and a PRV.

Technical data

Capacity 22 l/min free flow
Air connection 1/4" (F) BSP
Maximum air pressure 1 (10) MPa (bar)
Recommended air pressure 0,3 (3) - 0,5 (5) MPa (bar)
Outlet 3/4" (F) BSP

Part No	Inlet	Pump
22810	3/4" (F) BSP	Stub
22819	-	60 l Drum
22815	-	208 l Drum



Oil pump, pressure ratio 5:1

Medium pressure pump for larger oil distribution system and higher viscosity oils. Suitable for connection to a bulk tank or drum. The stub pump version can be wall or floor mounted. Double acting air operated pump for oil and non-corrosive liquids. Includes a bung adapter G2" (m) and a PRV.

Technical data

Capacity 38 l/min free flow
Air connection 1/4" (F) BSP
Maximum air pressure 1 (10) MPa (bar)
Recommended air pressure 0,3 (3) - 0,5 (5) MPa (bar)
Outlet 3/4" (F) BSP

Part No	Inlet	Pump
22850	1" (F) BSP	Stub
22852	-	208 l Drum



Oil pump, pressure ratio 15:1

High pressure oil pump for applications requiring higher pressure and lower flow rates. Suitable for connection to a bulk tank or drum. The stub pump version can be wall or floor mounted. Double acting air operated pump for oil and non-corrosive liquids. Includes a bung adapter G2" (m).

Technical data

Capacity	15 l/min free flow
Air connection	1/4" (F) BSP
Maximum air pressure	1 (10) MPa (bar)
Recommended air pressure	0,3 (3) - 0,5 (5) MPa (bar)
Outlet	3/4" (F) BSP

Part No	Inlet	Pump
22760	3/4" (F) BSP	Stub
22762	-	208 l Drum



Oil pump, heavy duty

High pressure oil pump for applications requiring higher pressure and higher flow rates. Suitable for connection to a bulk tank or drum. The pump can be wall or floor mounted. Double acting air operated pump for oil and non-corrosive liquids.

Technical data

Air connection	1/2" (F) BSP
Inlet	1 1/2" (F) BSP
Outlet	3/4" (F) BSP

Part No	Ratio	Capacity	Pump
22440	3:1	120 l/min free flow	Stub
22441	6:1	100 l/min free flow	Stub
22443	10:1	68 l/min free flow	Stub
22442	10:1	68 l/min free flow	208 l Drum
22450	6:1	100 l/min free flow	Stub
22451	12:1	65 l/min free flow	Stub



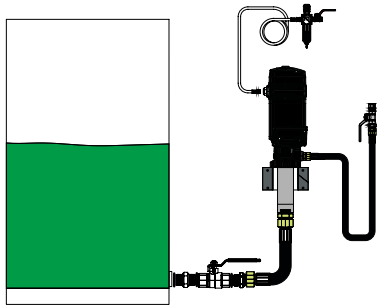
Installation kit for heavy duty oil pumps

Components for a remote wall mounted air operated oil pump with a suction hose connected to the bottom tank outlet. **Note! Pump not included.**

Information

Air line hose (48017) 1/2" L= 2 m
Outlet hose (28079) 3/4" L= 1,5 m
Suction hose (28090) 2" L= 0,7 m

Part No	Model
99620	Installation kit for a remote floor mounted air operated industrial pump. With a suction hose connected to a tank



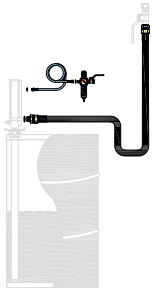
Drum mounted pump installation kit

Components for a drum mounted air operated pump (208 l drum or tank). **Note! Pump not included.**

Information

Air line hose L = 1,5 m x 8 mm
Fluid line hose L = 1,5 m

Part No	Model
99625	Installation kit for air operated drum pump
99725	Installation kit for air operated drum pump (excl. FRL)

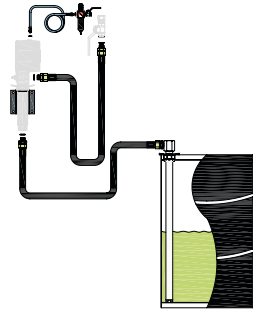


Wall mounted pump installation kit, drum

Components for an air operated pump, for 208 l drums and 1.000 l IBC containers. **Note!** Pump not included, ordered separately.

Information
Air line hose L= 1,5 m
Outlet hose L= 1,5 m
Suction hose L= 2 m and suction tube L= 1 m

Part No	Model
99626	Installation kit for a remote wall mounted air operated pump. For drum or IBC
99726	Installation kit for a remote wall mounted air operated pump. For drum or IBC (excl. FRL)

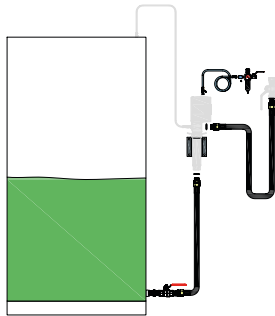


Wall mounted pump installation kit, tank

Components for a remote wall mounted air operated oil pump with a suction hose connected to the bottom tank outlet. **Note! Pump not included.**

Information
Air line hose (48101) 8 mm L= 1,5 m
Oil line hose (28079) 3/4" L= 1,5 m
Oil suction hose (28078) 1 m hose

Part No	Model
99627	Installation kit for a remote wall mounted air operated pump with a suction hose connected to a tank
99727	Installation kit for a remote wall mounted air operated pump with a suction hose connected to a tank (excl. FRL)

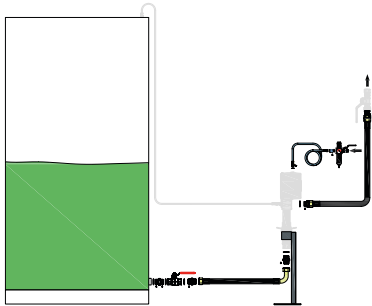


Floor mounted pump installation kit, tank

Components for a remote floor mounted air operated oil pump with a suction hose connected to the bottom tank outlet. **Note! Pump not included.**

Information
Air line hose (48101) 8 mm L= 1,5 m
Outlet hose (28079) 3/4" L= 1,5 m
Suction hose (28080) 1 m hose

Part No	Model
99628	Installation kit for a remote floor mounted air operated pump with a suction hose connected to a tank

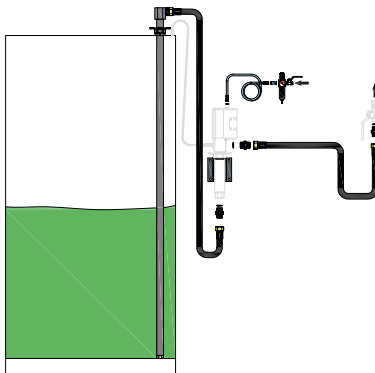


Wall mounted pump installation kit, top connected tank

Components for a remote wall mounted air operated oil pump with a tank suction attachment. Maximum tank height 1.7 m.

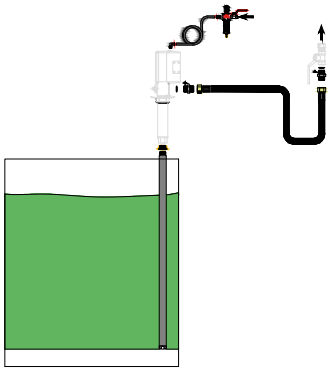
Information
Air line hose (48001) 1/4" L= 1,5 m
Outlet hose (28079) 3/4" L= 1,5 m

Part No	Model
99629	Installation kit for a remote wall mounted air operated pump with a suction pipe from top of the tank
99729	Installation kit for a remote wall mounted air operated pump with a suction pipe from top of the tank (excl FRL)
99624	Installation kit for a remote wall mounted air operated pump, connected to tank max 3 m high
99724	Installation kit for a remote wall mounted air operated pump, connected to tank max 3 m high (excl FRL)



Top mounted installation kit, telescopic riser tube

Part No	Model
99622	Installation kit for a topmounted air operated pump with a suction pipe from top of the tank, 0,6-1,0 m height
99623	Installation kit for a topmounted air operated pump with a suction pipe from top of the tank, 1,0-2,0 m height
99648	Installation kit for a topmounted air operated pump with a suction pipe from top of the tank, 0,6-1,0 m height
99649	Installation kit for a topmounted air operated pump with a suction pipe from top of the tank, 1,0-2,0 m height



Electric pumps for oil

Electric gear pump, with built in by-pass and pressure switch for controlled oil dispensing. The pressure switch switches the pump on/off automatically when the oil valve is open/closed. Opening pressure 6 bar. (only 52510, 52515 and 52520). Inlet: G3/4" (f) Outlet: G1" (f). Voltage: 230 V, 50 Hz. (52525, 52527: G1" In-Out)

Technical data

Outlet	1" (F) BSP
Voltage	230 V AC

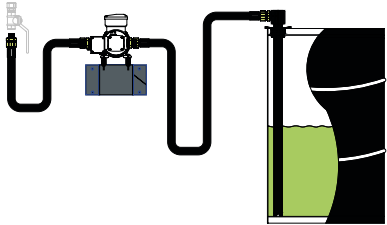
Part No	Capacity	Inlet	Maximum pressure
52510	9,5 l/min free flow	3/4" (F) BSP	2 (20) MPa (bar)
52515	13 l/min free flow	3/4" (F) BSP	2,5 (25) MPa (bar)
52520	9,5 l/min free flow	3/4" (F) BSP	4 (40) MPa (bar)
52525	50 l/min free flow	1" (F) BSP	0,8 (8) MPa (bar)
52527	70 l/min free flow	1" (F) BSP	0,8 (8) MPa (bar)



Installation kit for electric pump for oil

Components for an electric oil pump, for 208 l drums and 1.000 l IBC containers. **Note!** Pump not included, ordered separately.

Part No	Model
99656	Installation components for wall-mounted electric pump for drum or IBC with 1,08 m suction tube
99659	Installation components for wall-mounted electric pump for tank with 1,7 m suction tube



Diaphragm pump 1:1

Transfer pump for connection to bulk tank or drum. Air operated double diaphragm for transferring various fluids.

Technical data

Ratio	1:1
Air connection	3/8" (F) BSP
Maximum air pressure	0,8 (8) MPa (bar)

Part No	Capacity	Outlet
22210	50 l/min free flow	1/2" (F) BSP
22310	100 l/min free flow	1" (F) BSP
22332	200 l/min free flow	1" (F) BSP



22310

22330

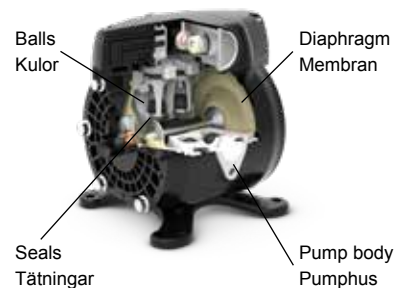


22332



Material description diaphragm pumps (wetted parts)

Part No	Seals	Material pump body	Material diaphragm	Material balls
22210	NBR / Buna-N	Aluminium	TPE / Hytrel®	POM / Acetal
22310	NBR / Buna-N	Aluminium	TPE / Hytrel®	POM / Acetal
22332	NBR / Buna-N	Aluminium	TPE / Hytrel®	POM / Acetal



Magnetic feet with rubber cover

Part No	Model
98876	Magnetic oil resistant feet, rubber covered.



Installation kit for diaphragm pump

Components for an air operated pump, for 208 l drums and 1.000 l IBC containers. **Note!**

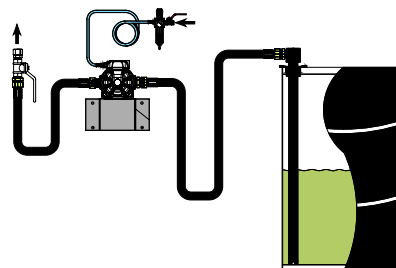
Pump not included, ordered separately.

Information

Air line hose L= 1,5 m

Outlet hose L= 1,5 m

Suction hose L= 2 m and suction tube L= 1 m



Part No	Model
99666	Installation kit for wall mounted air operated diaphragm pump 1/2" for drum
99766	Installation kit for wall mounted air operated diaphragm pump 1/2" for drums (excl. FRL)
99667	Installation kit for wall mounted air operated diaphragm pump 1" for drum
99767	Installation kit for wall mounted air operated diaphragm pump 1" for drum (excl. FRL)

Installation kit for floor mounted diaphragm pump

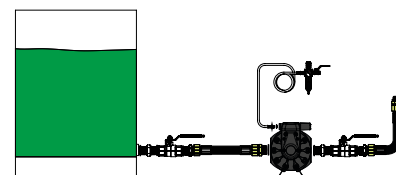
Components for an air operated diaphragm pump for high flowrates. **Note! Pump not included, ordered separately.**

Information

Air line hose (48106) 12 mm L= 3 m

Oil line hose (28090) 2" L= 0,7 m

Suction hose (28090) 2" L= 0,7 m



Part No	Model
99670	Installation kit for floor mounted air operated diaphragm pump 1 1/2" with a suction hose connected to a tank
99770	Installation kit for floor mounted air operated diaphragm pump 1 1/2" with a suction hose connected to a tank (excl. FRL)

Series ORM

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25135	Oil/Air	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	15 m



Series ORS

Open hose reel with low weight made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25232	Oil/Air	12,5 (1/2") mm (inch)	10 (100) MPa (bar)	10 m
25235	Oil/Air	12,5 (1/2") mm (inch)	10 (100) MPa (bar)	15 m



Series ORL

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25436	Oil/Air/Diesel	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	20 m
25455	Oil/Air/Diesel	19 (3/4") mm (inch)	7,5 (75) MPa (bar)	15 m



Series OR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28902. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25336	Oil/Air	12,5 (1/2") mm (inch)	6,0 (60) MPa (bar)	20 m



Series LOR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28904. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25537	Oil/Air	12,5 (1/2") mm (inch)	6,0 (60) MPa (bar)	25 m
25556	Oil/Air/Diesel	19 (3/4") mm (inch)	6,0 (60) MPa (bar)	20 m
25565	Oil/Air/Diesel	25 (1") mm (inch)	6,0 (60) MPa (bar)	15 m
25559	Oil/Air/Diesel	19 (3/4") mm (inch)	6,0 (60) MPa (bar)	35 m



Series ORB

Extra robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. For mounting in any position on wall, floor or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25638	Oil/Air	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	30 m
25656	Oil/Air	19 (3/4") mm (inch)	7,5 (75) MPa (bar)	20 m
25657	Oil/Air/Diesel	19 (3/4") mm (inch)	7,5 (75) MPa (bar)	25 m
25665	Oil/Air/Diesel	25 (1") mm (inch)	7,5 (75) MPa (bar)	15 m



Series CRO

Cased hose reel made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
26232	Oil/Air	12,5 (1/2") mm (inch)	10 (100) MPa (bar)	10 m
26235	Oil/Air	12,5 (1/2") mm (inch)	10 (100) MPa (bar)	15 m



Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
26432	Oil/Air	12,5 (1/2") mm (inch)	9,0 (90) MPa (bar)	10 m
26435	Oil/Air	12,5 (1/2") mm (inch)	9,0 (90) MPa (bar)	15 m



Meters, mechanical or digital

Technical data

Connection 1/2" (F) BSP

Part No	Model	Capacity	Maximum working pressure
24792	Mechanical hose end meter with outlet hose and automatic non-drip 1/2" (F) BSP	2 - 20 l/min free flow	10 (100) MPa (bar)
20371	Digital hose end meter with 90° hose, automatic non-drip 1/2" (F) BSP Oil/Glycol	1 - 20 l/min free flow	10,0 (100) MPa (bar)



Pre-set meters, mechanical or digital

Technical data

Connection 1/2" (F) BSP

Part No	Model	Capacity	Maximum working pressure
24797	Mechanical pre-set hose end meter with rigid outlet tube 1/2" (F) BSP	2 - 30 l/min free flow	10 (100) MPa (bar)
20422	Digital hand meter pre-set with malleable hose, manual non-drip 1/2" (F) BSP Oil/Glycol	0,8-30 l/min free flow	10,0 (100) MPa (bar)



Oil control valves, aluminium

Control valves made of aluminum with large flow capacity. Ball bearing swivel and built in strainer.

Technical data

Capacity 40 l/min free flow

Maximum working pressure 10 (100) MPa (bar)

Connection 1/2" (F) BSP

Part No	Model
20305	Oil control valve without outlet tube 1/2" (F) BSP
20357	Oil control valve, 60° pipe, manual non-drip nozzle 1/2" (F) BSP
20377	Oil control valve 90° hose manual non-drip 1/2" (F) BSP
20376	Oil control valve 90° hose automatic non-drip 1/2" (F) BSP
20396	Oil control valve 135° hose automatic non-drip 1/2" (F) BSP
20316	Oil control valve, straight hose, automatic non-drip nozzle 1/2" (F) BSP



High volume hose end meter

High volume oil control valve for high flow of lubricants. Two-valve operation. Lockable trigger. Ball bearing swivel. Rigid outlet with semiautomatic non-drip nozzle.

Part No	Capacity	Maximum working pressure	Connection
24756	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP
24757	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP
24567	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP
24568	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP



Drip holsters

To protect hose end meters and control valves when not in use and to collect any drips.

Part No	Model
29090	Drip holster. Standard
29086	Drip holster with separate drip container.
29096	Drip holster with separate drip container.
29055	Drip holster for drums



Distribution kit for drum with wall mounted pump

Consisting of pump 22810, hose reel 26432, hose end meter 20371 and fittings.

Part No	Hose length
28330	2 m
28331	4 m
28332	6 m



Distribution kit for drum with drum pump

Consisting of pump 22815, hose reel 26432, hose end meter 20371 and fittings.

Part No	Hose length
28335	2 m
28336	4 m
28337	6 m



Distribution kit

Air operated oil pump mounted on a bracket on the side on the container. The pump outlet is fitted with a shut off valve with hooked outlet nozzle (1,5m) for dispensing directly into measures or containers. **Note! Delivered without the container.**

Part No	Model
28352	Distribution kit IBC 1:1 pump 22800 with hose
28353	Distribution kit IBC diaphragm pump 22210
92126	Bracket for pump
9320120	Suction hose 3/4" to IBC container. Length 700 mm.



Distribution kit with hose end meter

Air operated oil pump mounted on a bracket on the side on the container. The pump outlet is fitted with a 3 metre 1/2" distribution hose and digital hose end meter 20371.

Part No	Model
28354	Distribution kit IBC 3:1 pump 22810 and meter
28355	Distribution kit IBC diaphragm pump 22210 and meter
92126	Bracket for pump



Distribution kit with hose reel and hose end meter

Air operated oil pump mounted on a bracket on top of the container. Supplied with a 10 metre 1/2" hose reel 25132 and digital hose end meter 20371.

Part No	Model
28356	Distribution kit IBC 3:1 pump 22810 with hose reel and meter
92128	Bracket for a hose reel and pump



Distribution kit with side mounted hose reel and hose end meter

Air operated oil pump mounted on a bracket on the side of the container. Supplied with a 10 metre 1/2" hose reel 25232 and digital hose end meter 20371.

Part No	Model
28357	Distribution kit IBC side mounting,
2086100	Bracket for pump and hose reel, for IBC



Fresh oil tank in plastic with sheet metal protection 1.500 l, for indoor location

The tank is supplied with hose reel 26432, pump 22810, hose end meter 20371 and necessary hoses and connections. The tank must be installed according to valid rules.

Part No	Model
SPEC2307	Fresh oil tank 1,500 l with 3:1 pump, hose reel and meter
99430	Tank kit Multi-Tank.
99431	Tank kit waste oil Multi-tank
92095	Uni-Tank 1500L
92096	Uni-Tank 1000L



Deluxe mobile oil dispensers for 20 and 60 l drums

Consisting of a pump, fitted to the lid of a protective container, distribution hose and oil control valve. The container is mounted on a trolley fitted with two large rubber wheels and two swivel castors.

Part No	For container	Dimension	Pump	Hose length
26016	60 l	650 x 510 x 1280 mm	22805	3 m
25016	20 l	400 x 400 x 800 mm	22800	2 m

26016



Mobile oil dispensers for 60 l drums

Consisting of an oil pump 22819, 3 metre 1/2" distribution hose with hose end meter and drum trolley.

Part No	Dimension	Trolley	Meter
22152	450 x 620 x 1200 mm	28528	20371
22153	500 x 450 x 1250 mm	28526	20371

22153



Mobile oil dispensers for 208 l drums

Consisting of an oil pump 22805, 3 metre 1/2" distribution hose with hose end meter and drum trolley.

Part No	Trolley	Meter
22154	28645	20371
22155	28667	20371

22154



12 / 230V oil dispenser for 208 l drum

Ideal solution when compressed air is not available. Self priming gear type pump, sintered precision gears and cast iron body with integrated adjustable by-pass valve in the pump body. Includes: oil pump, suction hose, 3m hose, digital meter.

Part No	Capacity	Motor	Voltage	Trolley
22170	9 l/min free flow	600 W	230 V AC	28645
52413	4 l/min free flow	200 W	12 V DC	-



Mobile oil dispensers for 208 l drums with hose reel

Consisting of an oil pump 22815, 10 metre 1/2" hose reel 26432 with hose end meter and drum trolley.

22158

Part No	Dimension	Trolley	Meter
22158	800 x 620 x 1200 mm	28645	20371



Mobile oil dispenser with safety trolley

Consisting of an oil pump 22815, hose reel 26432 or outlet hose 3m with hose end meter 20371 and safety trolley in three variants.

22160

Technical data

Volume 220 l

Part No	Model	Hose length
22157	Mobile oil dispenser 208 l with safety trolley	3 m
22160	Mobile oil dispenser 208 l with safety trolley	10 m hose reel
22161	Mobile oil dispenser 208 l, heavy duty safety trolley with air tyres	10 m hose reel
22162	Mobile oil dispenser 208 l, heavy duty safety trolley with solid wheels	10 m hose reel



Mobile oil dispenser

Air operated oil dispenser, comprising of a steel container with G2" (f) pump mounting thread, fitted with a compressed air connection and pressure gauge, Ø 30 mm filler hole, sight gauge and two Ø 100 mm wheels. Pre-load the container with compressed air 0,3-0,7 MPa (3-7 bar), and the dispenser can be used without permanent connection to air pressure. Max. admissible tank capacity is 3/4 of total capacity. Complete with 1,2 m hose and oil control valve 20316 or digital meter 20371.

21076

Part No	Model	Dimension
21076	Air operated oil dispenser 24L with oil valve.	350 x 380 x 780 mm
21077	Air operated oil dispenser 24L with meter	350 x 380 x 780 mm



Mobile oil dispenser

Mobile steel container with G2" (f) pump mounting thread, Ø 30 mm filler hole, sight gauge and two Ø 100 mm (4") wheels. Complete with hand operated oil pump, 1,2 m hose and with an outlet tube.

Part No	Capacity	Dimension	Volume
21067	0,1 l/stroke	350 x 380 x 780 mm	24 l



Mobile oil dispensers for 20 and 60 l drums

Trolley with chain for holding 60 l drums with two Ø 155 mm wheels. Pump delivered with 1,5 m outlet hose and hooked outlet nozzle.

Part No	Capacity	Dimension	Pump	Trolley
21656	0,25 l/stroke	450 x 230 x 1200 mm	21650	28528
21507	0,1 l/stroke	450 x 230 x 1200 mm	21506	28528

21656



21507



Mobile oil dispenser for 60 l drums with heavy duty trolley

Trolley with tubular drum support and a clamp screw for fixing the drum, two Ø 75 mm swivel castors and two Ø 200 mm wheels. Pump delivered with 1,5 m outlet hose (28569), shut-off valve and hooked outlet nozzle.

Part No	Capacity	Dimension	Pump	Trolley
21658	0,25 l/stroke	500 x 450 x 1060 mm	21650	28526



Mobile oil dispenser for 208 l drums

Consists of a hand operated oil pump, 1/2" oil hose (1,5m) with 135° angled spout, valve and drum trolley.

Part No	Dimension	Pump	Trolley
21504	450 x 620 x 1200 mm	21503	28645



Oil dispenser for 208 l drums

Consisting of an oil pump 22815, 3 metre 1/2" distribution hose with hose end meter 20371.

Part No
28340



Portable oil dispensers

Portable oil pump fitted to a 16 l container with carrying handle. Supplied with a 1,5 m hose and angled outlet tube.

Part No	Capacity	Dimension	Weight (Gross)
21574	0,04 l/stroke	400 x 150 x 630 mm	4,24 kg
21578	0,1 l/stroke	400 x 150 x 900 mm	5,6 kg
21670	0,25 l/stroke	400 x 150 x 900 mm	6,2 kg
21066	0,1 l/stroke	380 x 170 x 700 mm	9,25 kg
21065	0,13 l/stroke	490 x 240 x 730 mm	6,5 kg



Oil dispensing valve for pump installation

The valve is mounted directly on the pump outlet. To be used for filling of measures and cans. **Note! Order pump separately!**

Part No	Connection
24516	3/4" (M) BSP



Oil bar

Oil dispensing bar for 1 to 4 products. Delivered with 1 valve 24509 for 1 product. Can be fitted with up to 4 valves for 4 different products.

Part No	Model	Dimension	Connection
24135	Oil dispensing bar for 1 to 4 products	460 x 300 x 580 mm	1/2" (M) BSP
24509	Oil bar valve kit		1/2" (M) BSP
54509	Oil bar valve, stainless steel		1/2" (M) BSP



Rotary pump for oil

Rotary pump made of cast iron with Ø 26 mm outlet pipe and G2" (m) bung adapter.

Part No	Capacity	Riser tube length	Pump tube	Weight (Gross)
21205	0,25 l/revolution	900 mm	ø 32 mm	8 kg



Rotary pump for oil, water based fluids and other chemicals

For water based fluids and other chemicals. Made of PVC with Ø 27 mm outlet pipe and G2" (m) bung adapter.

Part No	Capacity	Riser tube length	Pump tube	Weight (Gross)
21200	0,3 l/revolution	280-1030 mm	ø 44 mm	1,95 kg



Drum pump

For transfer of oil and non corrosive fluids from 60 l and 208 l drums. Made of aluminium and steel with nitrile seals, rigid outlet pipe, bung adaptor and telescopic suction tube. Capacity 0,45 l/ stroke approx. 16 l/min.

Part No	Capacity	Riser tube length	Pump tube	Weight (Gross)
21012	0,45 l/stroke	470-885 mm	ø 28/35 mm	2,13 kg
21013	0,45 l/stroke	470-885 mm	ø 28/35 mm	2,4 kg



Drum pump

Medium pressure lever pump for high viscosity lubricants. For transfer of oil and non corrosive fluids from 20 l and 208 l drums. Made of steel with nitrile seal and rubber hose (1,5 m) with angled spout and valve. Suction tube diameter Ø 36 mm.

Part No	Model	Capacity	For container	Pump
21500	Hand oil pump 20 L with outlet hose 0,1 l/ stroke	0,1 l/stroke	20 l	21499
21506	Hand oil pump 60L drum with outlet hose	0,1 l/stroke	60 l	21505
21503	Hand oil pump 208 l with outlet hose 0,1 l/ stroke	0,1 l/stroke	208 l	21501
24599	Outlet hose, 1,5M with 135° angled spout and valve			



Medium pressure pump, without accessories

Hand pump for highly viscous oils or grease. For transferring oil and non-corrosive liquids. Made of steel with nitrile rubber gaskets. The pump can easily be adjusted between two modes for use with oil or grease. **Note! If the pump is used in "oil" mode to pump grease damage can occur to the pump mechanism.**

Part No	Model
21499	Hand Pump for oil / grease 20 L / 20 kg
21505	Hand Pump for oil / grease 60 L / 50 kg drum
21501	Handdriven pump for oil/grease 208l / 185kg drum

21499



Gear oil pump for 20-25 l containers

Lift pump for high viscosity lubricants. For transfer of oil and non corrosive fluids from 20 to 25 l containers. Made of steel and plastic with nitrile seals, delivered with a rubber hose (1,5 m) with angled spout and valve. G2" (m).

Part No	Capacity	For container
21023	0,2 l/stroke	20-25 l
21038	0,2 l/stroke	Exxon Mobil 20 l

21023



Hand operated pumps

Pump with a telescopic (500-900 mm) suction tube. The lever can be mounted in different positions to change the stroke length and output. Delivered with a bung adapter G2" (m). Capacity 0,15 to 0,25 ls/stroke.

Part No	Model
21650	Handdriven drum pump 60-205L drum
21652	Hand pump 60-205L drum with outlet hose (1,5M)
21662	Hand pump 60-205L drum with hose and meter
24599	Outlet hose, 1,5M with 135° angled spout and valve

21652

21662



Drum pumps

Wide range of hand-operated piston pumps in several models in different materials for the highest compatibility with different types of liquids. Delivered with telescopic suction tube, G2" and G1 1/2" bung adapter.

Part No	Capacity	Colour
21210	0,3 - 0,45 l/stroke	Black/blue
21211	0,3-0,45 l/stroke	Black/green
21130	0,5 l/stroke	Black/white
21022	0,3 l/stroke	Black/blue

21210

21130

21022



Hand operated diaphragm pump

For transfer of different fluids. The pump can be used for drums (with a special adapter kit included in 21221) or wall mounted. Lot of different fluids can be transferred, even contaminated fluids.

21221



Part No	Model	Capacity
21220	Pump Hand-operated diaphragm pump for transfer of various liquids 25 l/min free flow	25 l/min free flow
21221	Hand operated diaphragm pump (incl accessories). 25 l/min free flow	25 l/min free flow

Drum adapters and accessories

Part No	Model
2310033	Adapter Mauser (m) - Trisure (f)
2310039	Lid for IBC 160x7mm, 56x4 Trisure (f)
2310045	Bung adaptor DIN61-3/4"(f)
28235	Adapter G2" (f) - Trisure Ø 56 mm, pitch approx. 4 mm (m)
28236	Adapter G2" (f) -Multi adapter with locking screw Ø55-65 mm(f)
28234	Adapter G2" (f) -Midland
28238	Adapter G2" (f) - Mauser Ø 70 mm, pitch approx. 6 mm (m)
28239	Adapter G2" (f) - Berg Ø 53 mm, pitch approx. 3,5 mm (f)
2310035	Adapter G2" (f) - DIN 70 (f) pitch approx. 6 mm
2310034	Adapter G2" (f) - DIN 61 (f) pitch approx. 5 mm (IBC)
2310037	Adapter G3/4" (f) - Trisure Ø 56 mm, pitch 4 mm (m)
2310038	Adapter G3/4" (f) - DIN 70 (f) pitch approx. 6 mm
28339	Adapter DIN 61 suits the most IBC containers - Hose tail 25 mm (1")
2310044	Adapter G2" (f) - DIN 63 (f)
2310043	Lid for IBC Ø160mm G2"(f)



Hand operated pumps

Part No	Riser tube length	Material
21027	1000 mm	Nylon 6
21047	500 mm	Nylon 6
21028	1000 mm	Polypropylene
21048	500 mm	Polypropylene

21028
21048



21027
21047



Manual syphon pumps

Part No	Capacity	For container	Riser tube length
21230	~6,5 l/min free flow	25 l	390 mm
21232	~18,5 l/min free flow	208 l	850 mm



21230



21232

Battery operated pump

For transferring non-corrosive liquids. Simple push button operation, capable of pumping approx. 9 l/min. Ideal for transferring fluids from drums and 20 l jerry cans/ containers, etc. as well as being suitable for diesel, light oils, water. Total length of the pump is 580 mm, suction tube of 380 mm & discharge hose of 600 mm. Powered by 2 'D' sized batteries.

Part No
21235



Electrical transfer pump

For transfer of non corrosive fluids from drums or tanks. The pump can be use for the following fluids: diesel, mineral and synthetic oil, motor oil, antifreeze, water based fluids, etc. The pump include complete kit of accessories.

Part No	Capacity	Motor	Voltage
53725	40 l/min free flow	224 W	230 50Hz V AC
53727	35 l/min free flow	135 W	24 V DC



12/24V Battery operated oil pump

An ideal solution when there is no access to compressed air. Self-priming gear pump with sintered precision gears, pump housing in cast iron with integrated adjustable overflow valve in pump housing. Integrated fuse, operating interval max 30 minutes

Technical data

Capacity	5,5 l/min free flow
Inlet	3/4" (F) BSP
Outlet	1/2" (F) BSP
Maximum working pressure	1,2 (12) MPa (bar)
Motor	200 W
IP	55

Part No	Voltage
52412	12 V DC
52424	24 V DC



Suction pumps

For filling and emptying of small containers, gear boxes etc.

Part No	Volume
21040	500 cm³
21044	800 cm³



Hand pump

Simple hand pump. The nozzle is pressed against the fitting. Made of zinc coated steel.

Part No	Dimension	Volume
21019	Ø 44 x 245 mm	150 cm³



Lever hand pump

Outlet tube with hydraulic coupling included.

Part No	Capacity	Dimension
21046	1,8-2,0 cm³	310 x 160 x 90 mm



Drum taps

Part No	Thread	Material
24506	2" (M) BSP	Aluminium
24626	3/4" (M) BSP	Brass
24580	3/4" (M) BSP	Stainless steel



Drum taps in plastic

Part No	Model
24517	Drum tap DIN45 mm, pitch 4 mm
24579	Drum tap Ø34 mm, pitch 3 mm
24593	Drum tap thread 56x4 mm, Trisure
24594	Drum tap DIN71 mm, pitch 6 mm
24595	Drum tap DIN63 mm, pitch 4 mm
24596	Drum tap DIN61 mm, pitch 6 mm
24628	Drum tap, made of brass DIN71 mm, pitch 6 mm
24629	Drum tap, made of brass DIN61 mm, pitch 6 mm



Oil cans

Part No	Model	Volume
21614	Oil can, flexible outlet tube, metal 0,30 l	0,3 l
21613	Oil can, dual pump, works upside down 0,30 l	0,3 l
21615	Oil can, flexible metal hose 200 mm 0,30 l	0,3 l
21616	Oil can, brush nozzle 0,30 l	0,3 l
21646	Oil can, multi purpose, lockable nozzle, 0,125 l	0,125 l
21647	Oil can, multi purpose, lockable nozzle, 0,25 l	0,25 l
21648	Oil can, multi purpose, lockable nozzle, 0,5 l	0,5 l



Plastic measures

Measuring jugs with handle, made of polyethylene, resistant to oil, gasoline and chemicals.

Part No	Volume
21625	1,0 l
21626	2,0 l
21657	3,0 l
21627	5,0 l



Tin measures

Measuring jugs with handle, made of tinned metal, resistant to oil, gasoline and chemicals.

Part No	Volume
21637	1,0 l
21638	2,0 l
21667	5,0 l
21668	10,0 l
21669	20,0 l



Calibration measure

Used for calibration of meters.

Part No	Volume
4342000	2 l



Graduated measures

Measures moulded from high quality plastic in various sizes.

Part No	Model
21609	Graduating measuring jugs set of 6 pcs
21710	1L Measuring jug
21711	2L Measuring jug
21712	3L Measuring jug
21713	5L Measuring jug



Oil containers

Container with handle, made of polyethylene. Filling hole with lid and capped nozzle.

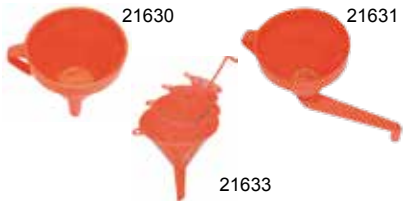
Part No	Volume
21644	6 l
21666	11 l



Funnels

Funnels with handle, made of chemical resistant polyethylene with splash rim and removable brass strainer.

Part No	Volume
21630	1,3 l
21631	1,3 l
21633	0,05-0,27 l



Anti-splash funnel

Part No	Dimension
21632	Ø 190 mm
21605	Ø 230 mm



Garage funnel

Part No	Model	Dimension
21606	Garage funnel 300 mm with a strainer.	300 mm
21607	Garage funnel 300mm with a diesel/water separator filter.	300 mm



21606 / 21607

Tin funnels

Funnels with handle, made of tinned metal, resistant to oil, gasoline and chemicals.

Part No	Dimension
21628	Ø 160 mm
21629	Ø 200 mm
21634	L=300 mm



21628

21634

21629

Garage kit

Includes the most commonly used measures, funnels, 11L container and oil drainer.

Part No
21610



Air treatment units

Part No	Model	Type	Connection
42103	FR-Unit with valve 1/4" (F) BSP	42009, 42107, 42110	1/4" (F) BSP
2026154	Bracket for 42103 on 22750, 22760, 22850		
2226156	Hose air 0,15MxØ8mm, push-in coupling 1/4"(f) 90° - push-in coupling 1/4"(f) 90°		



2026154

42103

2226156

Air line hoses

For connection from pipeline to pump. PUR hose max. working pressure 1.5 MPa (15 bar), push-in connectors with male thread.

Part No	Dimension	Thread	Length
48101	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	1,5 m
48102	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	3 m
48105	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	1,5 m
48106	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	3 m



48101

Bung adapters

With split collar. G2" (m) thread for drum or drum covers.

Part No	Model	Pump	Pump tube
28585	Bung adaptor G2"(m)-Ø32(f)	22710, 22715, 22760, 22762	Ø 32 mm
28594	Bung adaptor G2"(m)-Ø34(f)	22810, 22815, 22819	Ø 34 mm
28587	Bung adaptor G2"(m)-Ø35(f)		Ø 35 mm
28595	Bung adaptor G2"(m)-Ø50(f)	22700, 22705, 22720, 22725, 22750, 22752, 22772	Ø 50 mm
28592	Bung adaptor G2"(m)-Ø52(f)	22800, 22802, 22805, 22820, 22825, 22850, 22852	Ø 52 mm
2125753	Bung adaptor G2"(m)-Ø54(f)	22770, 22775	Ø 54 mm
29057	Dust cover for drum adapter		



Pump brackets

Part No	Model
28524	Wall bracket pump mounting thread G2" (f).
28506	Floor bracket pump mounting thread G2" (f).
28670	Wall bracket for 4,5" and 6" heavy duty pumps
28671	Floor bracket for 4,5" and 6" Heavy duty pumps
28553	Wall bracket for diaphragm pump 1/2"
28552	Wall bracket for 1" diaphragm pump.
92126	Bracket for pump
92128	Bracket for a hose reel and pump



Drum cover protection (208 l drums)

Part No	Capacity	Dimension	Quantity
34007	50 l	Ø 560 mm	25 pce
34008	~2 l	Ø 560 mm	1 pce



Pressure relief valve

For protection of equipment against system pressure increase due to thermal expansion. (1 °C increase in temperature can cause 1,0 MPa, 10 bar increase in system pressure). Our 3:1 and 5:1 oil pumps are fitted with a pressure relief valve as standard.

Part No	Model
28623	Pressure relief valve opening pressure 60 Bar
28625	Pressure relief valve 60bar brass
28629	Banjo fitting, steel G 3/4" (utv. / inv.) och G1/4" (inv.) (F)-(M) BSP
28642	Safety Kit for preventing overpressure, brass
28673	Safety Kit for preventing overpressure, steel



Pressure relief hoses

To connect a pressure relief valve to a container.

Part No	Dimension	Length	Connection
28637	6,35 (1/4") mm (inch)	1,5 m	6,35 mm
28638	6,35 (1/4") mm (inch)	3,0 m	1/8" 1/4" (F)-(M) BSP



Distribution hoses for oil

Nitrile rubber hoses, 1/2" i.d. steel braided, PN 13,8 MPa (138 bar), swaged couplings G1/2" swivelling nuts, incl. two connection adapters, G1/2" (m) - G3/4" (m).

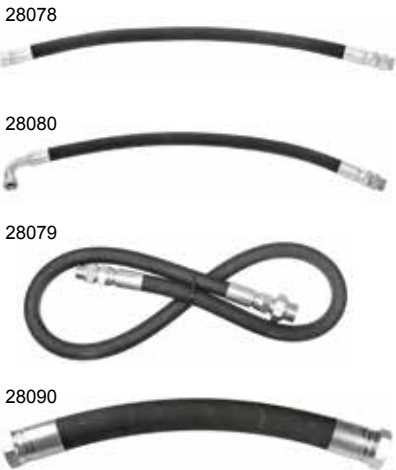
Part No	Thread	Length
28009	1/2" 3/4" (F)-(M) BSP	2 m
28010	1/2" 3/4" (F)-(M) BSP	3 m
28011	1/2" 3/4" (F)-(M) BSP	4 m
28012	1/2" 3/4" (F)-(M) BSP	5 m
28013	1/2" 3/4" (F)-(M) BSP	6 m
28015	1/2" 3/4" (F)-(M) BSP	8 m
28017	1/2" 3/4" (F)-(M) BSP	10 m
28019	1/2" 3/4" (F)-(M) BSP	15 m



Connection oil hoses

Connection hose, steel braided, swaged couplings with swivelling nuts and adapter.

Part No	Dimension	Thread	Length
28078	25 (1") mm (inch)	1" (F)-(M) BSP	1,0 m
28080	25 (1") mm (inch)	1" 90° (F)-(M) BSP	1,0 m
28079	19 (3/4") mm (inch)	3/4" 1" (F)-(M) BSP	1,5 m
28272	19 (3/4") mm (inch)	3/4" 90° (F)-(M) BSP	2,5 m
28090	50 (2") mm (inch)	2" (F)-(F) BSP	0,7 m



Drum suction attachments

Riser tube with foot valve and G2" bung adapter, hose 3/4" i.d., with swaged couplings G3/4" swivelling nut incl. adapters, G3/4" (m). Suction tube diameter for 28310 and 28311 Ø 42 mm.

Part No	Model	Dimension	Hose length	Riser tube length
28310	Riser tube 1,08 m with foot valve. Oil/Glycol	19 (3/4") mm (inch)	2 m	1,08 m
28311	Riser tube 1,7 m with foot valve.	19 (3/4") mm (inch)	2 m	1,7 m
28321	Suction hose 5 m with foot valve	25 (1") mm (inch)	5 m	



Telescopic suction tube

Technical data

Material	Steel
Connection	3/4" (M) BSP

Part No	Length
28420	600-1085 mm
28421	1062-2012 mm



Oil filters

For mounting in pipe lines to prevent damage due to contamination. Body of aluminium.

Part No	Model	Thread	Maximum pressure	Filtration
24661	Oil filter 3/4" (F) BSP	3/4" (F) BSP	6 (60) MPa (bar)	20 µm
24662	Oil filter 3/4" (F) BSP	3/4" (F) BSP	6 (60) MPa (bar)	10 µm
2345892	Cartridge for 24661			20 µm
2345893	Cartridge for 24662			10 µm



Oil strainers

For mounting in pipe lines to prevent meters being damaged due to contamination. Washable cartridge of stainless steel. Max 5 MPa (50 bar).

Part No	Thread	Material	Filtration
28022	1/2" (F) BSP	Stainless steel	400 µm
28059	3/4" (F) BSP	Stainless steel	400 µm
24583	3/4" 1/2" (F)-(F) BSP	Aluminium	25 µm



Hose storage rack

Designed for max. 30 m x 1/2"-hose, made of galvanized steel. Two fixing holes Ø 6 mm for wall mounting. Dimensions: approx. 200 x 300 x 120 mm (W x H x D).

Part No
28251



Hose storage brackets

Part No	Model
6027	Hose storage bracket.
28185	Hose bracket. To keep the hose close to the wall.
28325	Bracket to keep the waste oil hose off the floor.



Level gauge

Level gauge with a litre scale for exact measurement of all types of fluids in drums. The gauge fits in the 3/4" hole of the drum. Easy to install.

Part No
29120



3 Waste oil

Air operated suction & waste oil pumps	58
Accessories	60
Vacuum systems	61
Spring operated hose reels for waste oil suction.....	62
Pit waste oil equipment.....	63
Equipment for pits.....	64
Mobile waste oil units	64
Waste oil equipment	66
Suction units and drain pans	68
Vacuum pump.....	70

Suction & waste oil pumps 1:1 & 5:1

Double acting, air operated oil pumps for non-corrosive liquids, waste oil etc. For wall or floor installation. The pumps are designed to create maximum vacuum and will not rush when there is no liquid in the suction side. Recommended when you can't control the pumping process or when using suction probes. In other cases use the standard oil pumps (Refer to the oil section). Bung adapter G2" (m) included (part no 28595).

Technical data

Air connection	1/4" (F) BSP
Maximum air pressure	1,0 (10) MPa (bar)
Inlet	1" (F) BSP
Outlet	3/4" (F) BSP

Part No	Ratio	Capacity
22802	1:1	18 l/min free flow
22875	5:1	38 l/min free flow

22802



22875



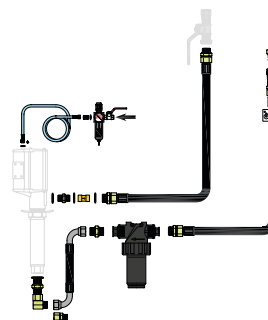
Wall mounted pump installation kit

Components for a wall mounted air operated oil pump, non return valve (28295) included. NOTE! Pump not included. Select a pump 22800, 22802 or 22575.

Information

Air line hose 1/4" L= 1,5 m
 Outlet hose 3/4" L= 1,5 m
 Suction hose 1" L= 2 m

Part No	Model
99631	Installation kit waste oil for wall mounted air operated pump
99731	Installation kit waste oil for wall mounted air operated pump and strainer 29300 (excl FRL)



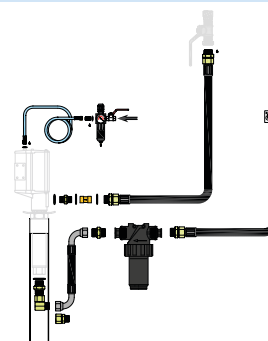
Floor mounted pump installation kit

Components for a floor mounted air operated oil pump, non return valve (28295) included. NOTE! Pump not included. Select a pump 22800, 22802 or 22575.

Information

Air line hose 1/4" L= 1,5 m
 Outlet hose 3/4" L= 1,5 m
 Suction hose 1" L= 2 m

Part No	Model
99632	Installation kit waste oil for floor mounted air operated pump and strainer 29300
99732	Installation kit waste oil for floor mounted air operated pump and strainer 29300 (excl FRL)



Air operated diaphragm pump 1:1

Transfer pump for connection to bulk tank or drum. Air operated double diaphragm for transferring various fluids.

Technical data

Air connection	3/8" (F) BSP
Maximum air pressure	0,8 (8) MPa (bar)

Part No	Capacity	Inlet	Outlet
22320	100 l/min free flow	1" (F) BSP	1" (F) BSP
22332	200 l/min free flow	1" (F) BSP	1" (F) BSP

22320



Magnetic feet, rubber covered

Part No	Model
98876	Magnetic oil resistant feet, rubber covered.

98876

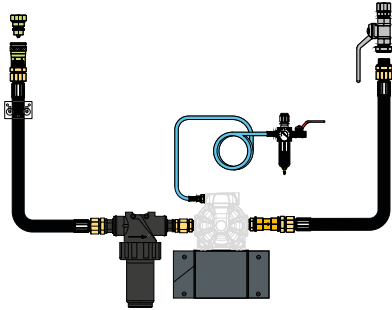


Wall mounted diaphragm pump installation kit

Components for a wall mounted air operated diaphragm pump, non return valve (28295) and strainer included. NOTE! Pump not included.

Information
Air line hose 1/4" L= 1,5 m
Outlet hose 3/4" L= 1,5 m
Suction hose 1" L= 2 m

Part No	Model
99662	Installation kit waste oil wall mounted air operated diaphragm pump 1" and strainer
99762	Installation kit waste oil wall mounted air operated diaphragm pump 1" and strainer (excl FRL unit)



Waste oil suction kit with suction probes and hose reel (6 m)

Complete kit to drain waste oil using probes. The kit includes the following: hose reel CRK, suction pump 22802, wall bracket, quick coupling with suction probes 2295014, suction strainer with vacuum gauge and air quick coupling. Capacity when using Ø 8 mm suction probe (engine oil +60 °C): 2 l/min.

Part No	Model
SPEC6044	Waste oil suction unit
2295014	Probe kit with probe holder.



Waste oil suction unit with probe kit

Stationary waste oil suction unit with air operated piston pump. The unit is installed at the service bay and enables the cleanest method of waste oil collection. An air operated piston pump sucks out the waste oil and transfers it directly to a remote storage tank. Waste oil is sucked out through a probe or connector inserted in place of the oil dip stick. Suction hose length 4 m. Dimensions: 1400 x 500 x 280 mm.

Part No
39715



Stainless steel waste oil sink

For wall mounting. With splash protection and mesh grille for placing old oil filters for draining. The sink is installed together with connection kit 99631 and 3-way valve 30101069, not included in 24215.

Part No	Thread
24215	3/4" (F) BSP



Non return valve

Part No	Thread
28345	1/2" (F)-(F) BSP
28295	3/4" (F)-(F) BSP



Bracket

Part No	Model
28325	Bracket to keep the waste oil hose off the floor.



Suction strainer for waste oil

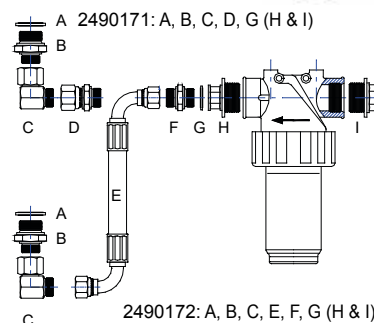
The polypropylene strainer housing is resistant to most fluids used in a modern car workshop and equipped with a 32 mesh stainless steel filter cartridge. (Equivalent to ~0.6 mm perforations). The filtration is sufficient to prevent harmful particles from entering the pump and the washable strainer should be cleaned regularly to remove any contamination. The two 1/4 BSP (f) threads on the top of the strainer can be used to attach vacuum gauges. The strainer is delivered without a hole down to the strainer chamber. When attaching a vacuum gauge a Ø 3 mm hole must be drilled in the bottom of the 1/4 BSP port. Attaching two vacuum gauges will indicate the pressure drop over the cartridge.

Technical data

Thread	1 1/4" (F) BSP
Maximum working pressure	2,0 (20) MPa (bar)
Maximum temperature	80 °C
Vacuum level	100 %
Filtration	500 µm
Packaging LxWxH	0,28 x 0,15 x 0,18 m
Weight (Gross)	0,85 kg

Part No	Model
29300	Suction Strainer for waste oil.
2326013	Vacuum Gauge.
1988211	Lock nut for gauge.
2390169	Filter for 29300 32Mesh
2390178	O-Ring 75,2X5,33 for 29300
2490171	Installation kit for waste oil filter (29300)
2490172	Installation kit for waste oil filter (29300) is installed remote from the pump, hose is incl. in the kit

29300 G1"inv.



Valve 4-way

It simplifies plumbing, and allows the use of one pump to pull and push waste fluids on / off their storage tank with the swing of a handle.

Technical data	
Maximum pressure	1,5 (15) MPa (bar)
Seals	FKM / Viton®
Material	Aluminium
Connection	1" (F) BSP

Part No
28329



Automatic vacuum unit for up to 8 work places in simultaneous use

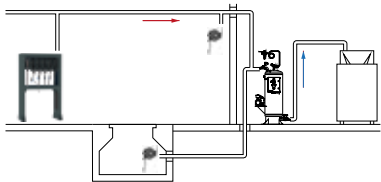
High Vacuum automatic unit for use in centralized waste oil suction systems in large vehicle maintenance workshops. The unit is easy to install and does not require any special on site adjustments. It simply requires connecting to a compressed air supply (8 bar maximum pressure) and to a 400 V power supply, once the unit is connected to the waste oil storage tank pipeline and the vacuum line.

- Vacuum reservoir is discharged by pressure once it is full with waste oil.
- The unit includes two level sensors that control the automatic discharge of the reservoir to a remote storage tank. Once the discharge is completed, the unit automatically generates the optimal vacuum conditions again.
- Maximum vacuum in reservoir: 99%.
- Electronic control board for controlling main functions and manual discharge knob.
- 500 l vacuum reservoir that is automatically discharged to the storage tank. Automatic start/stop by pressure control.

The units are designed and manufactured for use with waste oil only.

Technical data	
Dimension	1200x1050x2100 mm
Motor	0,75 kW
Voltage	400 V AC

Part No
29736



Docking station for automatic emptying

For easy emptying of waste oil drainers. The drainer is docked into the station and when the user presses a button, an automatic evacuation of the fluid is performed. Fast, easy and spill free.

Technical data	
Air connection	6 (1/4") Ø mm (inch)
Voltage	24 V DC
Connection	3/4" (F) BSP

Part No	Model
39080	Docking station Waste Oil
39081	Docking part Waste Oil Trolley



Spring operated hose reels for waste oil suction

Delivered with handle for quick connection/ change of the probes.

Part No	Dimension	Hose length	Connection
34462	16 (5/8") mm (inch)	6 m	1/2" (F)-(M) BSP
34452	16 (5/8") mm (inch)	6 m	1/2" (F)-(M) BSP
34464	16 (5/8") mm (inch)	6 m	1/2" (F)-(M) BSP



34452

34464

Accessories for waste oil suction

Note! For optimum capacity, always choose the largest diameter and the shortest possible length of hose!

Part No	Model
2295014	Probe kit with probe holder.
2295104	Hose Waste Oil 0,7Mx1/2" Complete with Suction Strainer
2295018	Suction hose with probe connection
29312	Suction Strainer to be connected between the hose reel
737959	Suction Probe Ø8X6 L1300
120151920	Mercedes adaptor for waste oil

2295014

737959



2295104

29312

2295018



120151920

Waste oil arm with 5:1 pump

An effective and spill free solution where the pump, filter and bowl travels on a suspended rail in the pit and is folded away when not in use. Pneumatic adjustment of the bowl and pump for emptying the waste oil. Bowl dimension 770 x 375 mm (approx. 45 l). Connected with quick couplers.

Part No	Model
39710	Waste oil collection bowl with 5:1 pump for rail system
2395069	Quick connector kit, for waste oil and air. Designed to be fitted to 39710 and 39711
2395080	Pit rail kit with rail (4 metres) and wall brackets for 39710 and 39711.
39711	Waste antifreeze collection bowl (painted green) on rail with 5:1 pump
2395140	Quick coupler kit for 39711
99390	Bracket kit prefab pits



Waste oil bowl in pit

This system is designed for use in lubrication pits but can also be used with lifts. The collector arm is connected to the drain bowl (24555). Oil is gravity fed into a 25 l tank with a float switch, which controls the air supply to the discharge pump. When maximum level is reached in the 25 l tank the air operated pump starts and the waste oil is pumped to a remote container tank.

Part No	Capacity	Dimension	Connection
24555	~18 l	700X250 mm	11/2" (F) BSP
24549	~50 l	1000X400 mm	11/2" (F) BSP



Automatic emptying unit

The automatic emptying unit consists of a 25 l collector tank with float switch and an air operated (1:1) transfer pump with wall bracket and all necessary oil and air line accessories.

Part No	Air connection	Inlet	Outlet
SPEC6011	1/4" (F) BSP	1 1/2" (F) BSP	3/4" (F) BSP



Waste oil unit for pit use

With adjustable wheels for mounting on pit rails. The unit can be emptied by a pump system, 29068 must be fitted with a quick coupling set (29108) for easy connection of the discharge hose.

39068



Part No	Model	Dimension	Volume	Weight (Gross)
39068	Waste oil unit for pit. Volume 90 litre	1030-1450 x 810 x 460 mm	~90 l	38,33 kg
29108	Quick coupling kit. Used when waste oil unit (39075 or 39068) emptied using discharge pump			

Information about waste oil containers

Waste oil units for gravity collection of motor and gear oil into a 20 l bowl. All units can be used underneath lifts or in pits. The unit can be discharged by gravity, air pressure or be emptied by a pump on the unit or externally placed. Discharged by air pressure is carried out through a 2 m hose with the unit connected to a tyre inflator. A safety valve ensures that the pressure never exceeds 0,5 bar. Some of the units can be used for pneumatic suction through suction probes. Vacuum is generated by an ejector on the unit, driven by 7 - 10 bar air pressure. Once the vacuum is generated they can be used without being connected to the airline. Some models are fitted with a transparent 10 l container, to measure the volume of oil evacuated. Vacuum units are delivered with a probe kit comprising a probe holder, Mercedes adapter, VAG adapter, BMW adapter, two plastic probes 700 mm long Ø 6 and 8 mm, two metal tubes 700 mm long Ø 5 and 6 mm and a 1.200 mm long plastic probe Ø 8 mm. All units are suitable for all non-corrosive fluids. NOTE! Do not use for volatile or highly inflammable liquids like petrol (gas).

100 l Capacity waste oil container with a unique bowl design

The container is fitted with an asymmetric swivelling bowl with a specially designed anti splash mesh. The top of the container has a fixed tray for tools, washers, oil plugs etc. The base has a special outlet hose holder.

Part No	Model
39505	Waste oil container 100 l. Standard.
39507	Waste oil container 100 l with ejector and suction probes.
39508	Waste oil container 100 l with ejector, suction probes and 10 l transparent vacuum chamber.
39517	Waste oil container 100 l with ejector and suction probes, without a bowl.
39506	Waste oil unit 100 L with suction pump 1:1 and strainer



70 l Capacity waste oil container with a bowl

Small efficient unit, just what you need, perfect for the small garage. Accessories are the same as for the 100 l unit.

Part No	Model
39405	Waste oil container. Standard 70 l.
39407	Waste oil container 70 l with ejector and suction probes.
39408	Waste oil container 70 l with ejector suction probes and 10 l transparent vacuum chamber.
39417	Waste oil container 70 l with ejector and suction probes without a bowl.
39406	Waste oil unit 70 L with suction pump 1:1 and strainer



24 l Mobile waste oil suction unit

24 L capacity waste oil suction unit with 2 m oil suction hose. When the vacuum is charged up in the container it can be used without air connection.

Part No
39049



70 l Mobile waste oil unit for motorbikes

70 L capacity waste oil unit with a low bowl for motor bikes. The unit can be discharged by gravity or air pressure.

Part No	Volume
39552	70 l



65 l Waste oil container with a flex bowl

Can be used under lifts, when the vehicle is on the floor. Suitable for all non-corrosive liquids. The container is emptied by compressed air using a tire pressure gauge. A safety valve ensures that the pressure never exceeds 0,5 bar.

Part No	Model
39430	Waste oil container 65L with a folding bowl.



Accessories for the 395 and 394 series units

Part No	Model
2295014	Probe kit with probe holder.
737959	Suction Probe Ø8X6 L1300
2295015	Transparent vacuum chamber with ejector and suction hose.
2295016	Vacuum Pump with Suction Hose
2295117	Quick coupling kit
29310	Waste oil filter (32 mesh) G3/4" (m). 3/4" (M) BSP 550 µm
2490310	Accessorykit for 29310
2085478	Quick coupler G3/4" (f), fits older standard in plastic



Draining pumps for the 395 and 394 Series units

Part No	Model
29320	Pump kit 1:1 for waste oil drainer emptying
29325	Pump kit 1:1 for vehicle waste oil extraction and drainer emptying



Waste oil bowl for drums

Waste oil bowl, with adjustable bung adapter, G2" (m), suitable for mounting in a 208 l or 60 l drum. Ø 480 mm.

Part No	Volume	Height
26502	~20 l	~600 mm



Low level mobile drainer. Units with 20 l to 200 l capacity

Gravity drain collection unit which is discharged using a wall mounted pump kit and quick coupling set.

Part No	Dimension	Volume
39077	1450X820X360 mm	200 l
39075	1250X610X260 mm	~95 l
39073	770X470X130 mm	~20 l



Collection and refilling unit for coolants

Suitable for draining and refilling the same liquid after completing the service. Consists of a low level waste oil unit (39075), liquid pump (22820), valve (20396), strainer (28303) and filter rug (29138).

Part No	Dimension	Volume
39004	1250X610X260 mm	~95 l



Filter rug

30 mm (1 1/4") thick, for use in waste oil bowls to prevent splatter and contamination entering the discharge pump.

Part No	Model
29138	Filter Rug 400x1200x30 mm for 39004 & 39075
1018095	Cellfoam filter 650x290x30 mm for 39710, 39711 with 30 l bowl
1018096	Cellfoam filter 650x365x30 mm for 39710, 39711 with 45 l bowl



Low mobile drainer with built in emptying pump

Gravity drain collection unit which is discharged using a built-in 5:1 pump 22875.

Part No	Dimension	Volume
39076	1250X610X260 mm	~95 l
39079	1450X820X360 mm	200 l

39076



39079



Hand operated suction unit

For evacuating up to 4 l of liquid using a pre-pumped vacuum. Ideal for evacuating motor oil from lawnmowers, or other liquids from hard-to-access areas. The container can be emptied into a collection tank after the pump is disconnected. Container, hose and suction probe made of high-quality plastic, pump tube and control valve made of brass. With vacuum meter. Max liquid temperature +30 °C. Weight 1,4 kgs.

Part No	Pump	Volume	Vacuum level	Weight (Gross)
3253P	Hand operated	4 l	-0,07 (-0,7) MPa (bar)	1,7 kg



Suction pump

For filling and emptying of small containers, gear boxes etc.

Part No	Volume
21040	500 cm³
21044	800 cm³



Oil drain & parts cleaning pan

Handy oil drain & parts cleaning pan for washing small parts or for oil drain. Made of oil and chemical resistant polyethylene.

Part No	Model	Volume
21635	Wash/ Waste oil bowl in polyethylene. 8 l	8 l
21619	Wash/ Waste oil bowl in polyethylene. 14 l	14 l
21509	Waste oil container 8 l	8 l
21700	Waste oil pan, Low 685x677x65mm	28 l
21701	Spill tray for small fluid containers, small	18 l
21702	Spill tray for small fluid containers, large	35 l



Brake fluid drainer and bleeder

Equipment for bleeding the break or clutch circuit in any motor vehicle. The unit includes: Set of five coupling plugs for connection to the deposit of the brake fluid circuit, universal adapter plug, set of drain deposits with adapters for the bleeding valve.

Part No	Capacity
39560	5 l



Universal drainer and brake bleeder

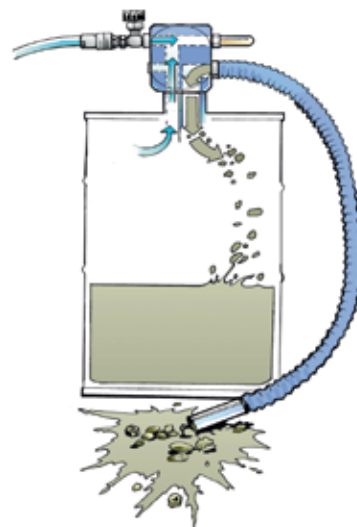
Can be used in two ways: oil extraction in small engines such as boats, motorcycles or the extraction of liquid waste in hard to reach places. Can also be used to bleed the brake fluid circuit without operating the brake pedal, a special nozzle is then used.

Part No	Capacity
39570	0,75 l



Air operated vacuum pump/liquid pump

A reliable drum mounted vacuum pump for fast emptying of cutting fluids, paint sludge, water, waste oil etc. from machine tools, spray booths, engines or other machines. The vacuum is easily adjusted with a needle valve and is indicated on a gauge. When the drum is full, the pump stops automatically and an indicator shows current status.



Vacuum pump, basic model

Basic model, comprising pump body and bung adapter only, for mounting in drums or tank with G2" (f) thread.

Part No	Dimension	Air connection	Inlet
22582	170X170X70 mm	1/4" (F) BSP	Ø 25 mm



Vacuum pump with air connection kit

Vacuum pump (22582) complete with air connection kit (22587)

Part No	Air connection
22584	6,35 (1/4") Ø mm (inch)



Vacuum pump with suction hose and air connection kit

Vacuum pump (22584) complete with suction hose (22588) and air connection kit (22587).

Part No	Air connection
22585	6,35 (1/4") Ø mm (inch)



Vacuum pump with air connection kit and suction probes

Vacuum pump (22582) complete for evacuating oil through suction probes inserted into the crankcase, gearbox, etc. Complete with air connection kit (22587), suction hose & probe kit (2295014).

Part No	Air connection
22586	6,35 (1/4") Ø mm (inch)



Accessories for vacuum pump

Part No	Model
22587	Air Connection Kit for pump 22582
22588	Suction hose for Vacuum Pump
2295014	Probe kit with probe holder.
28291	Suction probe kit same as 2295014 with a wall bracket
2295018	Suction hose with probe connection
2090151	Suction Tube Aluminium, length 1 m
2326013	Vacuum Gauge.
2085147	Bung Adaptor Vacuum Pump 22582
25201297	Reducer in brass 1/4" - 3/4" (F)-(M) BSP
737959	Suction Probe Ø8X6 L1300



Portable suction drain unit, OriCan

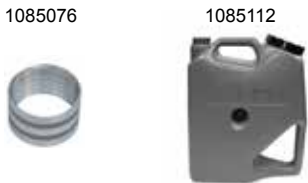
This unit can be used to drain most fluids - even heavily contaminated - from machinery, engines, gear boxes, coolant containers, etc. The unit consists of an air operated vacuum pump 22585, fitted to an OriCan container made of polyethylene, with carrying handle and Ø 100 mm filling hole. Including 2,2 m suction hose (22588). Suction capacity max. 60 l/ min. (water) Max. vacuum 50%. Max. temperature +60 °C.

Part No	Dimension	Volume	Weight (Gross)
22590	150 x 385 x 600 mm	16 l	5,32 kg



Accessories OriCan

Part No	Model	Volume
1085112	Container OriCan 16 l	16 l
1085076	Pump adaptor G2"(f)-G2"(f)	



Pump kit for waste water

Equipment for emptying eg scrubbers, directly from the machine to a 1,000 IBC container. Consists of an air-operated diaphragm pump 22325, suction hose L = 5m with foot valve, suction filter, air pressure regulator and bracket for IBC containers.

Part No	Model
39800	Pump kit for used water



4 Air

Spring operated hose reels	74
Air treatment units (FRL)	76
Air line accessories.....	77
Quick-couplings for compressed air	79

Series ORM

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
45135	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m



Series ORS

Open hose reel with low weight made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
45222	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	10 m
45225	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	15 m
45235	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m



Series OR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28902. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
45336	Air/Water	12,5 (1/2") mm (inch)	1,8 (18) MPa (bar)	20 m



Series ORB

Extra robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. For mounting in any position on wall, floor or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
45665	Air/Water	25 (1") mm (inch)	1,5 (15) MPa (bar)	15 m
45638	Air/Water	12,5 (1/2") mm (inch)	1,5 (15) MPa (bar)	30 m



Series CRO

Cased hose reel made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
46222	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	10 m
46225	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	15 m
46235	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m



Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
46422	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	10 m
46425	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	15 m
46435	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m



Series CRS

Small enclosed hose reel made of lacquered steel sheet with oil -resistant hose. Equipped with pivotable bracket for mounting in optional position on wall or ceiling. For more information, see Chapter 8 hose reels.

Part No	Model	Inlet	Maximum working pressure
46715	Hose Reel CRS black extra flexible composite hose and metal swivel Air/Water 8 (5/16") mm (inch) 15 m	3/8" (F)-(M) BSP	2,0 (20) MPa (bar)
46315	Hose Reel CRS blue composite hose and plastic swivel Air/Water 8 (5/16") mm (inch) 15 m	8 (5/16") mm (inch)	2,0 (20) MPa (bar)
46724	Hose Reel CRS black extra flexible composite hose and metal swivel Air/Water 10 (3/8") mm (inch) 12 m	3/8" (F)-(M) BSP	2,0 (20) MPa (bar)
46324	Hose Reel CRS blue composite hose and plastic swivel Air/Water 10 (3/8") mm (inch) 12 m	8 (5/16") mm (inch)	2,0 (20) MPa (bar)



Air treatment units, 1/4"

These air treatment units combine the best of design with proven materials and production methods. They can handle air flows up to 900 l/min. Material: Zinc. Volume 40 cm³ (filter/regulator), 50 cm³ (lubricator), max working pressure 1,2 MPa (12 bar), temp.+5° to +60 °C

Part No	Model	Type	Connection
42105	FRL-Unit with valve 1/4" (F) BSP	42107, 42009, 42108, 42110	1/4" (F) BSP
42104	FRL-Unit 1/4" (F) BSP	42107, 42108, 42112	1/4" (F) BSP
42103	FR-Unit with valve 1/4" (F) BSP	42009, 42107, 42110	1/4" (F) BSP
42125	Mounting kit FRL 1/4 "		



Shut-off valve

Shut-off valve with downstream air bleed. Material: Brass.

Part No	Maximum working pressure	Connection
42009	1,4 (14) MPa (bar)	1/4" (F) BSP



Filter-regulator

Filter-regulator 0-1 MPa, lockable, two stage filtration, 5 µm filter element. Material: Zinc

Part No	Maximum working pressure	Maximum temperature	Volume	Connection
42107	1,2 (12) MPa (bar)	+5 - +60 °C	40 cm ³	1/4" (F) BSP
42126	1,2 (12) MPa (bar)	+5 - +60 °C		3/4" (F) BSP



Lubricator

Air line lubricator with fill port and adjustment knob. Material: Zinc.

Part No	Maximum working pressure	Maximum temperature	Volume	Connection
42108	1,2 (12) MPa (bar)	+5 - +60 °C	50 cm ³	1/4" (F) BSP



Air treatment units, 1/2"

These air treatment units combine the best of design with proven materials and production methods. Material: Zinc. Max working pressure 1,2 MPa (12 bar), temp.+5° to +60 °C.

Part No	Model	Maximum working pressure	Maximum temperature	Connection
42120	FRL Kit 1/2" (F) BSP	1,2 (12) MPa (bar)	+5 - +60 °C	1/2" (F) BSP
42121	Filter/Regulator 1/2" (F) BSP	1,2 (12) MPa (bar)	+5 - +60 °C	1/2" (F) BSP
42115	Lubricator 1/2" (F) BSP	1,2 (12) MPa (bar)	+5 - 60 °C	1/2" (F) BSP
42124	Mounting kit FRL 1/2 "			



Accessories

Part No	Model
42110	Wall bracket for FRL-units 1/4"
42123	Wall Bracket. for FRL-units 1/2"
42112	Gauge 1/8" (M) BSP Ø 40 mm 0-1,6 (0-16) MPa (bar)
301296	Adaptor Straight 1/4" (M) BSPT
301298	Adaptor Straight 1/2" (M) BSPT



Shut-off valves

Ball valves made of brass with PTFE-seals, long or short levers, intended for oil and air lines.

Part No	Model	Maximum working pressure	Connection
30101117	Ball valve 3/8" (F) BSP	6,4 (64) MPa (bar)	3/8" (F) BSP
30101093	Ball valve 1/2" (F) BSP	5,0 (50) MPa (bar)	1/2" (F) BSP
30101111	Ball valve 3/4" (F) BSP	5,0 (50) MPa (bar)	3/4" (F) BSP
30101081	Ball valve 1" (F) BSP	5,0 (50) MPa (bar)	1" (F) BSP
30101087	Ball valve 1 1/4" (F) BSP	2,5 (25) MPa (bar)	1 1/4" (F) BSP
30101084	Ball valve 1 1/2" (F) BSP	2,5 (25) MPa (bar)	1 1/2" (F) BSP
30101102	Ball valve 2" (F) BSP	2,5 (25) MPa (bar)	2" (F) BSP
30101129	Ball valve 1/4" (F) BSP	2,5 (25) MPa (bar)	1/4" (F) BSP
30101123	Ball valve 1/2" (F) BSP	6,4 (64) MPa (bar)	1/2" (F) BSP
28513	Needle valve 1/4" (F)-(M) BSP Compressed air Brass	1,8 (18) MPa (bar)	1/4" (F)-(M) BSP
28515	Needle valve 1/2" (F)-(M) BSP Compressed air Brass	1,8 (18) MPa (bar)	1/2" (F)-(M) BSP



Blow gun

Blow gun for efficient cleaning, made of impact resistant plastic with ergonomically designed handle. Tube length approx. 100 mm

Part No	Connection
44503	1/4" (F) BSP



Industrial blow gun

Blow gun manufactured with a durable cast aluminum body with ergonomic grip. Includes a safety nozzle that increases the air thrust with a reduction of the noise level and minimum air consumption.

Part No	Connection
44504	1/4" (F) BSP



Soda blasting gun

Sodablasting is a convenient method for removing paint, varnish and surface rust without damage. It can be used on glass, rubber or plastic surfaces without scratching them. It doesn't heat up nor deform sheet metal and it is efficient as well over wood. It is gentle and environmentally friendly.

Technical data

Maximum working pressure 1,2 (12) MPa (bar)

Connection 1/4" (F) BSP

Part No	Model
44507	Soda blasting gun 1/4" (F) BSP
44508	Soda 5 l



Tyre inflator

Accurate, ergonomic and durable tyre inflator for all needs of tyre inflation. To be connected to the compressed air line. The gauge is protected by a rubber cover.

Part No	Maximum air pressure	Hose length	Connection
44635	0 - 1,2 (0 - 12) MPa (bar)	0,66 m	1/4" (F) BSP
44660	1,2 (12) MPa (bar)	0,3 m	1/4" (F) BSP
44640	1,2 (12) MPa (bar)		1/4" (F) BSP



Quick coupling tyre valve

Revolutionary quick connector for tyre valves. Easy one-hand use, it is designed with a self-locking mechanism that secures the connection during inflation. Pull the sleeve to disconnect, similar to any standard air coupler. The coupler is tested and remains fully functional for 100 000 cycles and more.

Part No	Connection
44513	6,35 (1/4") Ø mm (inch)
44514	10 (3/8") mm (inch)
44515	1/4" (F) BSP



Tyre valve with lever locking

Technical data

Maximum pressure 2,5 (25) MPa (bar)
Connection 6 mm

Part No	Model
44517	Tirevalve with lever 6 mm 2,5 (25) MPa (bar)



Air line hoses

For connection from pipeline to pump. PUR hose max. working pressure 1.5 MPa (15 bar), push-in connectors with male thread.

Part No	Dimension	Thread	Length
48101	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	1,5 m
48102	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	3 m
48105	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	1,5 m
48106	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	3 m

48101



Tubes for compressed air

Part No	Model
90301270	Polyamid Tube Pa Ø8X1
90301272	Polyamid Tube Pa Ø12X1



Push-in connectors

2326444

Part No	Model
2346105	Push-In Coupling Straight Ø8 - 1/8" ØMM-(F) (G)
2346108	Push-in coupling Straight Ø8 - 1/4" ØMM-(M) BSP
2385467	Push In Coupling Straight Ø8 - 1/4" ØMM-(F) (G)
2346099	Push-in Fitting Straight Ø8 - 3/8" ØMM-(M) BSP
2346107	Push-In Coupling Straight Ø8 - 1/2" ØMM-(M) BSP
2346106	Push-in coupling T-connection Ø8 - Ø8 - Ø8 mm
2346100	Push-in Fitting Straight Ø12 - 1/4" ØMM-(M) BSP
2346101	Push-in Fitting Straight Ø12 - 3/8" ØMM-(M) BSP
2346102	Push-in Coupling Straight Ø12 - 1/2" ØMM-(M) BSP
2385466	Push-in coupling 90° Ø8 - 1/4" ØMM-(M) BSP
2346103	Push-in Fitting 90° Ø12 - 1/4" ØMM-(M) BSP
2326444	Coupling Push in 90° Ø12 - 3/8" ØMM-(M) BSP
2346104	Push-in coupling T-connection Ø12 - Ø12 - Ø12 mm



Installation kit tank room for air pumps

Technical data

Dimension	12 (1/2") mm (inch)
Thread	1/4" (M) BSP
Connection	3/4"-1/2" (M) BSP

Part No	Model	Length
48110	Installation kit for air connection from air main line to 3 pumps	15 m
48111	Installation kit for air connection from air main line to 5 pumps	20 m

48110

15 m



48111

20 m



Quick coupling assortment

Contains 42 quick couplings 44516 and an assortment of 160 nipples, delivered in a practical bag made of strong plastic material. Contains: 44516 (x42), 48500 (x4), 48501 (x12), 48502 (x6), 48503 (x6), 48504 (x6), 48510 (x9), 48511 (x15), 48512 (x9), 48520 (x15), 48521 (x21), 48522 (x12)

Part No
49010



Quick-coupling

Part No	Thread	Model
44516	1/4" (F) BSP	Orion Small
44521	3/8" (F) BSP	Orion Large
44531	1/2" (F) BSP	Orion Large



Safety quick coupler

Part No	Thread	Model
44523	1/4" (M) BSP	Orion Small
44526	1/4" (F) BSP	Orion Small
44527	3/8" (F) BSP	Orion Large
44525	1/2" (M) BSP	Orion Large
44528	1/2" (F) BSP	Orion Large
203201204	3/8" (F) BSP	Tema 1600 / Cejn 320
203201205	1/2" (F) BSP	Tema 1600 / Cejn 320



Hose adapters

Part No	Thread	Connection hose
48510	1/4" (M) BSP	Ø 6,35 (1/4") mm (inch)
48511	1/4" (M) BSP	Ø 8 (5/16") mm (inch)
48512	1/4" (M) BSP	Ø 10 (3/8") mm (inch)
48540	3/8" (M) BSP	Ø 6,35 (1/4") mm (inch)
48541	3/8" (M) BSP	Ø 8 (5/16") mm (inch)
48542	3/8" (M) BSP	Ø 10 (3/8") mm (inch)
48543	3/8" (M) BSP	Ø 13 (1/2") mm (inch)
48603	1/2" (M) BSP	Ø 6,35 (1/4") mm (inch)
48600	1/2" (M) BSP	Ø 10 (3/8") mm (inch)
48601	1/2" (M) BSP	Ø 13 (1/2") mm (inch)
48602	1/2" (M) BSP	Ø 19 (3/4") mm (inch)



Nipples

Part No	Thread	Model	For Quick-Coupling
48500	1/8" (M) BSP	Orion Small	44516/44523/44526
48501	1/4" (M) BSP	Orion Small	44516/44523/44526
48502	3/8" (M) BSP	Orion Small	44516/44523/44526
48503	1/4" (F) BSP	Orion Small	44516/44523/44526
48504	3/8" (F) BSP	Orion Small	44516/44523/44526
48594	1/4" (M) BSPT	Orion Large	44521/44531/44525/44527/44528
48530	3/8" (M) BSP	Orion Large	44521/44531/44525/44527/44528
48590	1/2" (M) BSPT	Orion Large	44521/44531
48592	3/4" (M) BSPT	Orion Large	44521/44531/44525/44527/44528
48531	3/8" (F) BSP	Orion Large	44521/44531/44525/44527/44528
48591	1/2" (F) BSP	Orion Large	44521/44531/44525/44527/44528



Hose connector

Part No	Model	Connection hose	For Quick-Coupling
48520	Orion Small	Ø 6,35 (1/4") mm (inch)	44516/44523/44526
48521	Orion Small	8 (5/16") mm (inch)	44516/44523/44526
48522	Orion Small	10 (3/8") mm (inch)	44516
48550	Orion Large	Ø 6,35 (10) mm (inch)	44521/44531/44525/44527/44528
48551	Orion Large	Ø 8 (5/16") mm (inch)	44521/44531/44525/44527/44528
48552	Orion Large	Ø 10 (3/8") mm (inch)	44521/44531/44525/44527/44528
48553	Orion Large	Ø 13 (1/2") mm (inch)	44521/44531/44525/44527/44528



Quick-couplings for compressed air

Profile fits Tema 1600 and Cejn 320.

Part No	Type	Connection
103205152	Nipple	1/4" (M) BSP
103201204	Coupling	3/8" (F) BSP
103205204	Nipple	3/8" (F) BSP
103201205	Coupling	1/2" (F) BSP
103201155	Coupling	1/2" (M) BSP
103205205	Nipple	1/2" (F) BSP
103201004	Coupling	Ø10 mm
103205004	Nipple	Ø 10 mm
103201005	Coupling	Ø 13 mm
103205005	Nipple	Ø 13 mm



Quick-Couplings, high flow rate

Profile fits Tema 1800. Flow rate up to 3900 l/min.

Part No	Type	Connection
103202004	Coupling	3/8" (F) BSP
103202005	Coupling	1/2" (F) BSP
103202102	Nipple	1/4" (M) BSP
103202104	Nipple	3/8" (M) BSP
103202105	Nipple	1/2" (M) BSP



Y-branch

Useful when, for example, you have one compressed air tube and want two outlets.

Part No	Connection
25205001	1/2" (F)-(F)-(F) BSP



5 Waterbased fluids/detergents

Air operated liquid pumps.....	84
Mixing units.....	86
Spring operated hose reels	87
Hose end controls.....	89
Spray handles and mobile sprayer	90
Drum pumps, hand operated.....	93
Drum tap, measures, etc	94
Installation accessories	96

Stainless steel liquid pump, pressure ratio 4:1

Air operated double acting liquid pump for corrosive liquids, windscreen liquid etc. Bung adapter G2" (m) (part No 2125753) included.

Technical data

Ratio	4:1
Capacity	30 l/min free flow
Air connection	1/4" (F) BSP
Maximum air pressure	1,0 (10) MPa (bar)
Inlet	1" (F) BSP
Outlet	1" (F) BSP

Part No	Pump	Seals	Material pump body	Classification
22770	Stub	PTFE / Teflon®	Stainless steel	
22775	Drum	PTFE / Teflon®	Stainless steel	
22771	Stub	PTFE / Teflon®	Stainless steel	ATEX
22776	208 l Drum	PTFE / Teflon®	Stainless steel	ATEX



Stainless steel liquid pump, pressure ratio 1:1

Air operated double acting liquid pump for corrosive liquids, windscreen liquid etc. Bung adapter G2" (m) (part No 2125753) included.

Technical data

Ratio	1:1
Capacity	30 l/min free flow
Air connection	1/4" (F) BSP
Maximum air pressure	1,0 (10) MPa (bar)
Inlet	1" (F) BSP
Outlet	3/4" (M) BSP

Part No	Pump	Seals	Material pump body
22772	Stub	PTFE / Teflon®	Stainless steel
22777	208 l Drum	PTFE / Teflon®	Stainless steel



Liquid pump, corrosion protected, pressure ratio 1:1

Corrosion protected, air operated, double acting liquid pump. Bung adapter G 2" (m) included.

Technical data

Ratio	1:1
Capacity	40 l/min free flow
Air connection	1/4" (F) BSP
Maximum air pressure	1,0 (10) MPa (bar)
Inlet	1" (F) BSP
Outlet	3/4" (F) BSP

Part No	Pump
22820	Stub
22825	208 l Drum



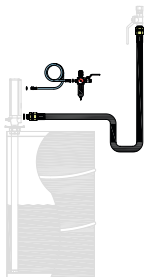
Drum pump installation kit

Components for a drum mounted air operated pump (208 l drum or tank). **Note! Pump not included.**

Information

Air line hose L = 1,5 m x 8 mm
Fluid line hose L = 1,5 m

Part No	Model	Media
99625	Installation kit for air operated drum pump	Oil/Glycol
99725	Installation kit for air operated drum pump (excl. FRL)	Oil/Glycol
99675	Connection kit, Components for pump installation to drums.	Water/Antifreeze/Windshield Wash/Degreaser
99775	Drum Pump Installation kit (excl FRL)	Water/Antifreeze/Windshield Wash/Degreaser

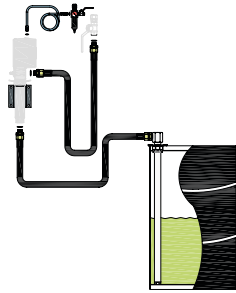


Wall mounted pump installation kit, drum

Components for an air operated pump, for 208 l drums and 1.000 l IBC containers. **Note!**
Pump not included, ordered separately.

Information
Air line hose L= 1,5 m
Outlet hose L= 1,5 m
Suction hose L= 2 m and suction tube L= 1 m

Part No	Model	Media
99626	Installation kit for a remote wall mounted air operated pump. For drum or IBC	Oil/Glycol
99726	Installation kit for a remote wall mounted air operated pump. For drum or IBC (excl. FRL)	Oil/Glycol
99676	Installation kit for wall mounted stainless steel pump	Water/Antifreeze/Windshield Wash/Degreaser
99776	Installation kit for wall mounted stainless steel pump (excl FRL)	Water/Antifreeze/Windshield Wash/Degreaser

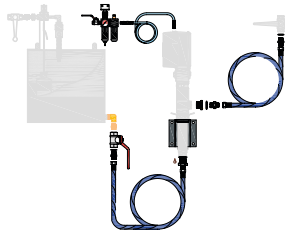


Wall mounted pump installation kit, tank

Components for a remote wall mounted air operated pump with a tank suction attachment.
Note: Pump not included, ordered separately.

Information
Air line hose 1,5 m x 8 mm
2 pcs Line hose 1,5 m x 1/2"

Part No	Model	Media
99630	Installation kit stainless steel for a remote wall mounted air operated pump for connection to an tank	Water/Antifreeze/Windshield Wash/Degreaser
99730	Installation kit stainless steel for a remote wall mounted air operated pump for connection to an tank (excl. FRL)	Water/Antifreeze/Windshield Wash/Degreaser



Air operated diaphragm pump 1:1

Transfer pump for connection to bulk tank or drum. Air operated double diaphragm for transferring various fluids.

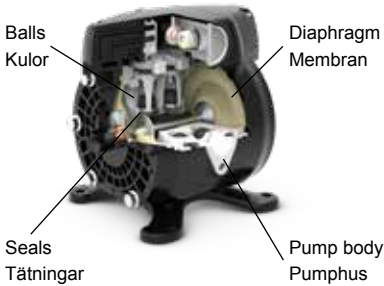
Technical data
Ratio 1:1
Air connection 3/8" (F) BSP
Maximum air pressure 0,8 (8) MPa (bar)

Part No	Media	Capacity	Classification	Connection
22206	Windscreen fluid/ AdBlue®	30 l/min free flow		1/2" - 1/2" (F)-(F) BSP
22208	Fuels, solvents, Toulén, Ethanol, etc.	30 l/min free flow	ATEX	1/2" - 1/2" (F)-(F) BSP
22230	Windscreen fluid/ AdBlue®	50 l/min free flow		1/2" - 1/2" (F)-(F) BSP
22238	Fuels, solvents, Toulén, Ethanol, etc.	50 l/min free flow	ATEX	1/2" - 1/2" (F)-(F) BSP
22241	Windscreen fluid/ AdBlue®	50 l/min free flow	ATEX	1/2" - 1/2" (F)-(F) BSP
22325	Windscreen fluid/ AdBlue®	100 l/min free flow		1" - 1" (F)-(F) BSP



Material description diaphragm pumps (wetted parts)

Part No	Seals	Material pump body	Material diaphragm	Material balls
22206	FKM / Viton®	Polypropylene	TPE / Hytrel®	PTFE / Teflon®
22208	FKM / Viton®	Polypropylene	PTFE / Teflon®	PTFE / Teflon®
22230	FKM / Viton®	Polypropylene	TPE / Hytrel®	PTFE / Teflon®
22238	FKM / Viton®	Polypropylene	PTFE / Teflon®	PTFE / Teflon®
22241	PTFE / Teflon®	Stainless steel (AISI 316)	PTFE / Teflon®	Stainless steel (AISI 316)
22325	FKM / Viton®	Polypropylene	TPE / Hytrel®	PTFE / Teflon®



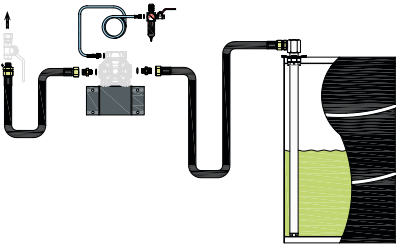
Wall mounted diaphragm pump installation kit

Components for an air operated pump, for 208 l drums and 1.000 l IBC containers. **Note!** Pump not included, ordered separately.

Information

- Air line hose L= 1,5 m
- Outlet hose L= 1,5 m
- Suction hose L= 2 m and suction tube L= 1 m

Part No	Model	Media
99666	Installation kit for wall mounted air operated diaphragm pump 1/2" for drum	Oil/Glycol
99766	Installation kit for wall mounted air operated diaphragm pump 1/2" for drums (excl. FRL)	Oil/Glycol
99668	Installation kit for wall mounted diaphragm pump 1/2", for 208 l drum or IBC	Water/Antifreeze/Windshield Wash/Degreaser
99669	Installation kit for wall mounted diaphragm pump 1", for 208 l drum or IBC	Water/Antifreeze/Windshield Wash/Degreaser



Trolley for handling coolant for electric vehicles

Technical data

- Dimension 1250X610X260 mm
- Volume ~200 l

Part No	Description
39015	Suitable for handling the liquid in the battery system on electrical vehicles. Consists of a trolley (28667), pump (22825), strainer (24583), plastic drum (7350007), hoses and necessary accessories.



Mixing pump

Air operated mixing pump for glycol and windshield fluids with a fixed mix. The wall mounted unit has a suction attachment for connection to the concentrate container. Complete unit to connect directly to the air supply line and distribution pipework. We recommend that you invest in control equipment for the concentrate container to prevent unmixed water being distributed when the concentrate container is empty.

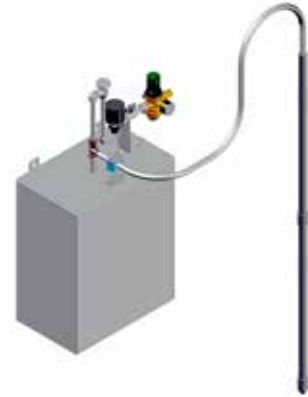
Part No	Capacity	Maximum air pressure
24891	~15 l/min free flow	0,7 (7) MPa (bar)



Mixing unit with ejector from 20% to 50%

Water operated mixing unit with ejector for windshield fluids, adjustable with nozzles between 25% to 50% mix. The wall mounted unit has a suction attachment for connection to the concentrate container. Complete unit for connection to the water line.

Part No	Capacity
24189	15 l/min free flow



To put together a complete mixing and distribution kit

Use a mixing unit (24189), installation kit (99630) and pump (22770). All necessary items are included. We recommend that you invest in control equipment (23842) for the concentrate container to prevent unmixed water being distributed when the container is empty.

Ejector mixing unit

Proportioner that automatically mix liquid cleaning and sanitizing concentrates with water and dispense the diluted solution into any container. The unit is threaded directly onto the container of concentrate or by means of an adaptor. Comes with 13 different nozzles for a dilution range of approx 1:1-100:1 (water : concentrate). NOTE! The outlet hose must not be equipped with any type of shut-off valve, as the water can go backwards into concentrate with risk of overflow. Assure that a backflow valve is fitted to the fresh water line to avoid chemicals entering the water line.



Part No
24188

Series ORM

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
65135	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	15 m



Series ORS

Open hose reel with low weight made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
45222	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	10 m
45225	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	15 m
45235	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m
65232	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	10 m
65235	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	15 m



Series OR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28902. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
45336	Air/Water	12,5 (1/2") mm (inch)	1,8 (18) MPa (bar)	20 m
24957	Hot water	10 (3/8") mm (inch)	18 (180) MPa (bar)	20 m



Series ORL

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
65455	Windscreen fluid/AdBlue®	19 (3/4") mm (inch)	2,0 (20) MPa (bar)	15 m



Series CRO

Cased hose reel made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
46225	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	15 m
46235	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m
66232	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	10 m
66235	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	15 m



Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
46425	Air/Water	10 (3/8") mm (inch)	2,0 (20) MPa (bar)	15 m
46435	Air/Water	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m
66432	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	10 m
66435	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	15 m



Series CRS

Small enclosed hose reel made of lacquered steel sheet with oil -resistant hose. Equipped with pivotable bracket for mounting in optional position on wall or ceiling. For more information, see Chapter 8 hose reels.

Part No	Model	Inlet	Maximum working pressure
46715	Hose Reel CRS black extra flexible composite hose and metal swivel Air/Water 8 (5/16") mm (inch) 15 m	3/8" (F)-(M) BSP	2,0 (20) MPa (bar)
46315	Hose Reel CRS blue composite hose and plastic swivel Air/Water 8 (5/16") mm (inch) 15 m	8 (5/16") mm (inch)	2,0 (20) MPa (bar)
46724	Hose Reel CRS black extra flexible composite hose and metal swivel Air/Water 10 (3/8") mm (inch) 12 m	3/8" (F)-(M) BSP	2,0 (20) MPa (bar)
46324	Hose Reel CRS blue composite hose and plastic swivel Air/Water 10 (3/8") mm (inch) 12 m	8 (5/16") mm (inch)	2,0 (20) MPa (bar)



Water control valve with rubber outlet

Part No	Connection
24105	1/4" (F) BSP
2410564	3/8" (F) BSP
2410561	1/2" (F) BSP



Water control valve with rigid outlet

Part No	Connection
24106	1/4" (F) BSP
2410664	3/8" (F) BSP
2410661	1/2" (F) BSP



Control valve for water based fluids

Lockable in closed and filling position. For AdBlue®, washer fluid, glycol, brake fluid, detergents.

Technical data

Capacity	30 l/min free flow
Connection	1/2" (F) BSP

Part No	Model
20215	Control valve soft-closing for fluids, lockable with straight outlet hose 1/2" (F) BSP
20255	Control valve soft-closing for fluids, lockable with 60° outlet pipe 1/2" (F) BSP
20277	Control valve soft-closing for fluids, lockable with stainless swivel with outlet hose 90° with stainless steel connections and manual non-drip nozzle 1/2" (F) BSP
20210	Digital hose end meter soft-closing for fluids, lockable with straight outlet hose 1/2" (F) BSP

20215

20255

20277

20210



Wash handle

Heavy duty wash handle made of rubber covered die-cast brass. Flow pattern regulated by the trigger.

Part No	Maximum working pressure	Connection
28182	2,4 (24) MPa (bar)	1/2" (F) BSP
2818264	3,0 (30) MPa (bar)	3/8" (F) BSP



Wash handle

Straight form wash nozzle with on/off and flow pattern regulated by turning the sleeve.

Note! Part no 28268 should not be pressurized when closed!

Part No	Maximum working pressure	Seals	Material	Connection
28268	1,0 (10) MPa (bar)	Metal	Brass	12,5 (1/2") mm (inch)
28368	1,6 (16) MPa (bar)	O-ring	Brass	12,5 (1/2") mm (inch)
28369	1,6 (16) MPa (bar)	O-ring	Stainless steel	1/2" (F) BSP



Wash handle

Technical data

Maximum pressure 3 (30) MPa (bar)

Connection 1/2" (F) BSP

Part No
28367



High pressure lance

Lance for high pressure washing. Equipped with ergonomic and insulated handle and nozzle protection.

Technical data

Connection 3/8" (F) BSP

Part No	Length
28453	L=800 mm
28454	L=1200 mm



General information

In practice, industrial substances are mixtures whose compositions and effects on other materials are known only by their manufacturers. This is why testing by the user – possibly in co-ordination with the manufacturer of the spray medium – is so essential. Safety datasheets are usually not sufficient for an accurate evaluation of the material compatibility. Metal sprayers are not suitable for hydrogen peroxide, and plastic units can only be used after preliminary testing and with limited concentrations and exposure periods.

Important factors to consider in choosing a sprayer:

Highest operational temperature (spray medium):

Plastic sprayers 30 °C.

Sprayers with metal tanks 40 °C.

Viscosity of spray medium:

Up to approx. 1,5 times the viscosity of water. If coarser droplets and a reduced spray angle are acceptable, the viscosity can be even greater.

Flammable liquids:

Flammable liquids with a flash point below 55 °C must not be used in sprayers.

Spray handle with spray tube, brass

Designed for use with detergents. Consists of a brass valve body with 580 mm brass outlet tube and two nozzles, one with an adjustable spray pattern.

Part No	Maximum working pressure	Length	Connection
24029	3,5 (35) MPa (bar)	720 mm	3/8" (M) BSP
24108	3,5 (35) MPa (bar)	720 mm	3/8" (F) BSP

24029

24108



Spray handle with spray tube

Designed for use with detergents. Consists of a thermoplastic valve body (24680) with an brass or stainless steel outlet tube. Two different spray nozzles for water and petroleum based detergents.

Part No	Outlet	Length	Connection
24098	Brass	500 mm	1/2" (F) BSP
24099	Brass	915 mm	1/2" (F) BSP
24225	Stainless steel	1000 mm	1/2" (F) BSP

24099

24098



High pressure swivel

Designed for use with water or detergents.

Part No	Maximum working pressure	Connection
24518	25 (250) MPa (bar)	3/8" (F)-(M) BSP



Adjustable nozzles

Part No	Model
550012	Adjustable spraying nozzle
2140102	Adjustable spraying nozzle for 24108

550012

2140102



Mobile sprayer

Air operated sprayer, comprising of a steel container, fitted with a compressed air connection and pressure gauge, Ø 30 mm (1 1/4") filler hole, sight gauge and two Ø 100 mm (4") wheels. Preload the container with compressed air 0,3-0,7 MPa (3-7 bar). The dispenser can be used without permanent connection to air pressure. Max. admissible tank capacity is 3/4 of total capacity. Complete with 1,5 m hose and spray handle. Note: Suitable for petroleum based detergents only!

Part No	Dimension	Volume	Weight (Gross)
22422	350 x 380 x 780 mm	~24 l	13,9 kg



High-pressure compression sprayer

For forming oil, vehicle cleaning with mildly caustic cleaning detergents. Durable stainless steel tank for extra resistance, Viton seals, special oil hose that is flexible at low temperatures, 50 cm continuously rotatable brass spray wand, fine special flat spray nozzle with fine filter. Pressure is generated by using the hand pump. The 10 l sprayer can also be filled with compressed air from an external line. NOTE! Not suitable for spray mediums that are corrosive to brass or stainless steel.

Part No	Model
3595F	Sprayer 6L
3615F	Sprayer 10Litres
3615S	Sprayer extreme, high pressure, 10Litres
3965	Trolley for 3595F or 3615F.
6321L	Control Valve with Spiral Hose 2,5 m
3658	Spray Tube and nozzle
2303	Nozzle, round spraypattern
1421F	Nozzle, flat spraypattern



Sprayer

Sprayer in polyethylene with 40 cm spray nozzle. The pressure is generated by a hand pump. Especially suitable for spraying chemicals in all areas, from strong acids (sprayer with FPM seals) to highly alkaline products (sprayer with EPDM seals).

Part No	Maximum pressure	Pump	Volume	Seals	Weight (Gross)
3275PP	0,3 (3) MPa (bar)	Hand operated	5 l	FKM / Viton®	2,9 kg
3275PE	0,3 (3) MPa (bar)	Hand operated	5 l	EPDM	2,9 kg
3270PP	0,3 (3) MPa (bar)	Hand operated	10 l	FKM / Viton®	3,2 kg
3270PE	0,3 (3) MPa (bar)	Hand operated	10 l	EPDM	2,9 kg



Hand held sprayers

For cleaning, corrosion protection, lubrication, impregnation. Flexi plus and Universal has a powerful air pump to build up pressure. A safety valve protects against over compression. Tank with fill level scale, Viton® seals and adjustable nozzle.

Part No	Maximum pressure	Pump	Volume	Weight (Gross)
3131P	0,3 (3) MPa (bar)	Hand operated	1,5 l	0,1 kg
3132PG	0,3 (3) MPa (bar)	Hand operated	1,5 l	0,42 kg
3132PR	0,3 (3) MPa (bar)	Hand operated	1,0 l	0,41 kg
3132PP	0,3 (3) MPa (bar)	Hand operated	1,5 l	0,42 kg
3132BC	0,3 (3) MPa (bar)	Hand operated	1,5 l	0,42 kg
3132NG	0,3 (3) MPa (bar)	Hand operated	1,5 l	0,42 kg
3111P		Hand operated	1 l	0,1 kg



Rotary pump

For water based fluids and other chemicals. Made of PVC with Ø 27 mm outlet pipe and G2" (m) bung adapter.

Part No	Capacity	Riser tube length	Pump tube
21200	0,3 l/revolution	280-1030 mm	ø 44 mm



Drum pump

Wide range of hand-operated piston pumps in several models in different materials for the highest compatibility with different types of liquids. Delivered with telescopic suction tube, G2" and G1 1/2" bung adapter.

Part No	Model	Media	Capacity	Colour
21210	Pump hand-operated barrel polypropylene with steel piston rod. 0,3 - 0,45 l/stroke	Antifreeze/Degreaser	0,3 - 0,45 l/ stroke	Black/blue
21211	Drum pump made of polypropylene 0,3-0,45 l/stroke	Antifreeze/Degreaser	0,3-0,45 l/ stroke	Black/ green
21215	Drum Pump. Made of Ryton with the piston made of stainless steel. 0,3 - 0,45 l/stroke	Water/Antifreeze/ Windshield Wash/ Degreaser	0,3 - 0,45 l/ stroke	Black
21131	Drum Pump PP/EPDM 0,5 l/ stroke	Water/Antifreeze/ Degreaser	0,5 l/stroke	Black/blue
21132	Drum Pump PP/Viton 0,5 l/stroke	Water/Antifreeze/ Windshield Wash/ Degreaser	0,5 l/stroke	Black/red
21122	Drum Pump 208 l drum. Made of polypropylene with Viton seals. Water/Antifreeze/Windshield Wash/Degreaser	Water/Antifreeze/ Windshield Wash/ Degreaser	0,3 l/stroke	Black/blue



Hand operated diaphragm pump

For transfer of different fluids. The pump can be used for drums (with a special adapter kit included in 21221) or wall mounted. Lot of different fluids can be transferred, even contaminated fluids.

Part No	Model	Capacity
21220	Pump Hand-operated diaphragm pump for transfer of various liquids 25 l/min free flow	25 l/min free flow
21221	Hand operated diaphragm pump (incl accessories). 25 l/min free flow	25 l/min free flow



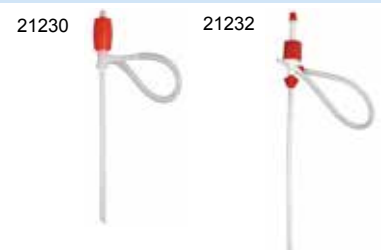
Drum pump

Part No	Riser tube length	Material
21027	1000 mm	Nylon 6
21047	500 mm	Nylon 6
21028	1000 mm	Polypropylene
21048	500 mm	Polypropylene
21300	700 mm	Stainless steel



Manual syphon pumps

Part No	Capacity	For container	Riser tube length
21230	~6,5 l/min free flow	25 l	390 mm
21232	~18,5 l/min free flow	208 l	850 mm



Drum tap

Part No	Thread	Seals	Material
24506	2" (M) BSP	NBR / Buna-N	Aluminium
24580	3/4" (M) BSP	PTFE / Teflon®	Stainless steel

24506



24580



Graduated measures

Measures moulded from high quality plastic in various sizes.

Part No	Model
21609	Graduating measuring jugs set of 6 pcs
21710	1L Measuring jug
21711	2L Measuring jug
21712	3L Measuring jug
21713	5L Measuring jug



Plastic measures

Measuring jugs with handle, made of polyethylene, resistant to oil, gasoline and chemicals.

Part No	Volume
21625	1,0 l
21626	2,0 l
21657	3,0 l
21627	5,0 l



Tin measures

Measuring jugs with handle, made of tinned metal, resistant to oil, gasoline and chemicals.

Part No	Volume
21637	1,0 l
21638	2,0 l
21667	5,0 l
21668	10,0 l
21669	20,0 l



21637



21668

Containers

Container with handle, made of polyethylene. Filling hole with lid and capped nozzle.

Part No	Volume
21644	6 l
21666	11 l



21644

Oil drain & parts cleaning pans

Handy oil drain & parts cleaning pan for washing small parts or for oil drain. Made of oil and chemical resistant polyethylene.

Part No	Model	Volume
21635	Wash/ Waste oil bowl in polyethylene. 8 l	8 l
21619	Wash/ Waste oil bowl in polyethylene. 14 l	14 l
21509	Waste oil container 8 l	8 l



21635



21619

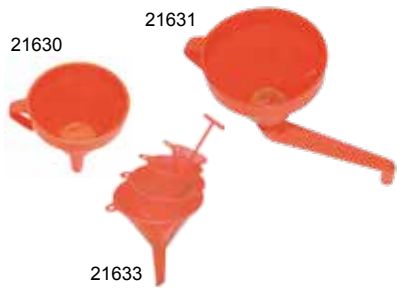


21509

Funnels

Funnels with handle, made of chemical resistant polyethylene with splash rim and removable brass strainer.

Part No	Volume
21630	1,3 l
21631	1,3 l
21633	0,05-0,27 l



Anti-splash funnels

Part No	Dimension
21632	Ø 190 mm
21605	Ø 230 mm



Garage funnels

Part No	Model	Dimension
21606	Garage funnel 300 mm with a strainer.	300 mm
21607	Garage funnel 300mm with a diesel/water separator filter.	300 mm



Tin funnels

Funnels with handle, made of tinned metal, resistant to oil, gasoline and chemicals.

Part No	Dimension
21628	Ø 160 mm
21629	Ø 200 mm
21634	L=300 mm



Garage kit

Includes the most commonly used measures, funnels, 11L container and oil drainer.

Part No
21610



Air treatment units

Part No	Model	Type	Connection
42103	FR-Unit with valve 1/4" (F) BSP	42009, 42107, 42110	1/4" (F) BSP
42105	FRL-Unit with valve 1/4" (F) BSP	42107, 42009, 42108, 42110	1/4" (F) BSP
2026154	Bracket for 42103 on 22750, 22760, 22850		
2226156	Hose air 0,15MxØ8mm, push-in coupling 1/4"(f) 90°- push-in coupling 1/4"(f) 90°		



Air line hoses

For connection from pipeline to pump. PUR hose max. working pressure 1.5 MPa (15 bar), push-in connectors with male thread.

Part No	Dimension	Thread	Length
48101	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	1,5 m
48102	8 (5/16") mm (inch)	1/4" - 1/4" (M)-(M) BSP	3 m
48105	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	1,5 m
48106	12 (1/2") mm (inch)	1/2" - 1/2" (M)-(M) BSP	3 m



Bung adapters

With split collar. G2" (m) thread for drum or drum covers.

Part No	Pump	Pump tube
28595	22700, 22705, 22720, 22725, 22750, 22752, 22772	Ø 50 mm
28592	22800, 22802, 22805, 22820, 22825, 22850, 22852	Ø 52 mm
2125753	22770, 22775	Ø 54 mm



Drum cover protection (208 l drums)

Part No	Capacity	Dimension	Quantity
34108	50 l	Ø 560 mm	25 pce
34109	~2 l	Ø 560 mm	1 pce



Wall bracket and floor stand

Part No	Model
28524	Wall bracket pump mounting thread G2" (f).
28506	Floor bracket pump mounting thread G2" (f).
28553	Wall bracket for diaphragm pump 1/2"
28552	Wall bracket for 1" diaphragm pump.



Water inlet filter

For installation in pipe lines to prevent contamination.

Part No	Maximum pressure	Connection
28303	1,4 (14) MPa (bar)	3/4" (F) BSP



Strainers

For mounting in pipe lines to prevent meters being damaged due to contamination. Washable cartridge of stainless steel. Max 5 MPa (50 bar).

Part No	Thread	Material	Filtration
28022	1/2" (F) BSP	Stainless steel	400 µm
28059	3/4" (F) BSP	Stainless steel	400 µm
24583	3/4" 1/2" (F)-(F) BSP	Aluminium	25 µm

24583

28022
28059

Distribution hoses

Nitrile rubber hoses, 1/2" i.d. steel braided, PN 13,8 MPa (138 bar), swaged couplings G1/2" swivelling nuts, incl. two connection adapters, G1/2" (m) - G3/4" (m).

Technical data

Thread 1/2" 3/4" (F)-(M) BSP

Part No	Length
28009	2 m
28010	3 m
28011	4 m
28012	5 m
28013	6 m
28015	8 m



Connection hoses

Connection hose, steel braided, swaged couplings with swivelling nuts and adapter.

Part No	Media	Thread	Length
28078	Oil/Glycol	1" (F)-(M) BSP	1,0 m
28080	Oil/Glycol	1" 90° (F)-(M) BSP	1,0 m
28079	Oil/Glycol	3/4" 1" (F)-(M) BSP	1,5 m
28639	Water/Antifreeze/Windshield Wash/Degreaser	1/2" 3/4" (M)-(M) BSP	1,5 m
28649	Water/Antifreeze/Windshield Wash/Degreaser	1/2" 3/4"/1" (M)-(M) BSP	1,5 m
24228	Water/Antifreeze/Windshield Wash/Degreaser	1/2" 1/2" (F)-(F) BSP	2 m

28078

28080

28079



Drum suction attachments

Riser tube with foot valve and G2" bung adapter, hose 3/4" i.d., with swaged couplings G3/4" swivelling nut incl. adapters, G3/4" (m). Suction tube diameter for 28310 and 28311 Ø 42 mm.

Part No	Model	Media	Dimension	Hose length	Riser tube length
28310	Riser tube 1,08 m with foot valve. Oil/Glycol	Oil/Glycol	19 (3/4") mm (inch)	2 m	1,08 m
28311	Riser tube 1,7 m with foot valve. Oil/Glycol	Oil/Glycol	19 (3/4") mm (inch)	2 m	1,7 m
28309	Drum Suction Attachment. Riser tube 1,08 m, for corrosive liquids.	Water/Antifreeze/Windshield Wash/Degreaser	19 (3/4") mm (inch)	2 m	1,08 m
28409	Suction pipe 1" PVC Ø40 L1200mm included 2 m 1" hose	Water/Antifreeze/Windshield Wash/Degreaser	25 (1") mm (inch)	2 m	1,2 m
28321	Suction hose 5 m with foot valve	Oil/Glycol	25 (1") mm (inch)	5 m	



Shut-off valves

Ball valves made of brass with PTFE-seals, long or short levers, intended for oil and air lines.

Part No	Type	Maximum working pressure	Connection
30101117	Lever	6,4 (64) MPa (bar)	3/8" (F) BSP
30101093	Lever	5,0 (50) MPa (bar)	1/2" (F) BSP
30101111	Lever	5,0 (50) MPa (bar)	3/4" (F) BSP
30101081	Lever	5,0 (50) MPa (bar)	1" (F) BSP
30101084	Lever	2,5 (25) MPa (bar)	1 1/2" (F) BSP
30101087	Lever	2,5 (25) MPa (bar)	1 1/4" (F) BSP
30101102	Lever	2,5 (25) MPa (bar)	2" (F) BSP
30101129	Handle	2,5 (25) MPa (bar)	1/4" (F) BSP
30101123	Handle	6,4 (64) MPa (bar)	1/2" (F) BSP



Pressure relief valve

For protection of equipment against system pressure increase due to thermal expansion. (1 °C increase in temperature can cause 1,0 MPa, 10 bar increase in system pressure). Our 3:1 and 5:1 oil pumps are fitted with a pressure relief valve as standard.

Part No	Model
28623	Pressure relief valve opening pressure 60 Bar
28625	Pressure relief valve 60bar brass
28629	Banjo fitting, steel G 3/4" (utv. / inv.) och G1/4" (inv.) (F)-(M) BSP
28642	Safety Kit for preventing overpressure, brass
28673	Safety Kit for preventing overpressure, steel



Drip holsters

To protect hose end meters and control valves when not in use and to collect any drips.

Part No	Model
29090	Drip holster. Standard
29086	Drip holster with separate drip container.
29096	Drip holster with separate drip container.



Hose storage brackets

Part No	Model
6027	Hose storage bracket.
28185	Hose bracket. To keep the hose close to the wall.



Hose storage rack

Designed for max. 30 m x 1/2"-hose, made of galvanized steel. Two fixing holes Ø 6 mm for wall mounting. Dimensions: approx. 200 x 300 x 120 mm (W x H x D).

Part No
28251



6 Diesel

Electric diesel pumps.....	100
Air operated diaphragm diesel pumps.....	101
Spring operated hose reels	102
Funnels and jerry cans	103

Wall mounted pump kit 230 VAC 70 l/min.

70 l/min. pump mounted on a bracket for wall or tank mounting. The unit includes a 230 V diesel pump with on/off switch and 1.8 m cable, wall bracket, 4 m delivery hose, automatic nozzle and a three digit meter, flange mounted to the pump. Fluid inlet connection: 1" BSP (f). Meter valid for non commercial applications only.


Part No

53700

Wall mounted pump kit 230 VAC 50 l/min.

70 l/min. pump mounted on a bracket for wall or tank mounting. The unit includes a 230 V diesel pump with on/off switch and 1.8 m cable, wall bracket, 4 m delivery hose, automatic nozzle and a three digit meter, flange mounted to the pump. Fluid inlet connection: 1" BSP (f). Meter valid for non commercial applications only.


Part No

53701

Diesel transfer pump kit 230 VAC 50 and 70 l/min.

Technical data

Voltage	230 V AC
Hose length	4 m
Cable length	2 m



Part No	Capacity
53710	50 l/min free flow
53713	70 l/min free flow

Diesel transfer pump kit 12 or 24 VDC

Technical data

Hose length	4 m
Cable length	2 m



Part No	Capacity	Voltage
53711	40 l/min free flow	24 V DC
53712	40 l/min free flow	12 V DC
53714	60 l/min free flow	12 V DC

Diesel transfer pumps

Self priming pumps with self-adjustable vanes. Pump body made of castiron with rustproof treatment, rotor of sintered steel and vanes of acetal resin. The pump includes a by-pass valve and a built in filter with easy access for cleaning.

Technical data

Connection	1" (F)-(F) BSP
-------------------	----------------



Part No	Capacity	Voltage
53740	50 l/min free flow	230 V AC
53741	70 l/min free flow	230 V AC
53736	65 l/min free flow	24 V DC
53730	40 l/min free flow	12 V DC
53731	60 l/min free flow	12 V DC

Mobile refill tank for diesel

Complete fitted with a 12V electric pump 40 l/min, hose and automatic nozzle. Single walled tank with lid and integrated fork lifting points. Integrated nozzle holder. Meter can be fitted as an option.

Part No	Capacity	Volume	Weight (Gross)
53762	40 l/min free flow	220 l	31 kg
53764	40 l/min free flow	440 l	70 kg



Mobile diesel distributor

Mobile distributor. Complete fitted with pump, hose and nozzle. Single walled tank with integrated handle. Nozzle holder is also integrated. Can be transported laying down. Meter can be fitted as an option. Dimensions (L x W x H): 500 x 470 x 1100 mm. Weight empty approx. 15 kg. Can be transported laying down.

Part No	Capacity	Pump	Weight (Gross)
63215	110 l	12 V DC	18 kg



Diesel pump accessories

Part No	Model	Connection
23605	Automatic nozzle diesel	1" (F) BSP
23608	Automatic Nozzle Diesel	1" (F) BSP
23606	Manual Diesel Nozzle	1" (F) BSP
23607	Inlet Swivel Diesel for G1"(f) Nozzles.	
23604	Swivel Diesel 3/4"(m)-1"(f) for 23605	
23603	Swivel Diesel 1"(m)-1"(f), rotating 90 degree	
28321	Suction hose 5 m with foot valve	
23609	Suction attachment with telescopic suction tube 1000/1800 mm	



Meters

Part No	Model	Capacity	Maximum working pressure	Connection
23610	Diesel Meter 100 l/min.	10-100 l/min free flow	1,0 (10) MPa (bar)	1" (F)-(F) BSP
24759	Digital turbine meter 1" (F) BSP	5-120 l/min free flow	1,0 (10) MPa (bar)	1" (F) BSP



Diaphragm pump 1:1

Transfer pump for connection to bulk tank or drum. Air operated double diaphragm for transferring various fluids.

Technical data

Maximum air pressure 0,8 (8) MPa (bar)

Part No	Capacity	Air connection	Outlet
22210	50 l/min free flow	3/8" (F) BSP	1/2" (F) BSP
22310	100 l/min free flow	3/8" (F) BSP	1" (F) BSP



Installation kit for diaphragm pump

Components for an air operated pump, for 208 l drums and 1.000 l IBC containers. **Note!**

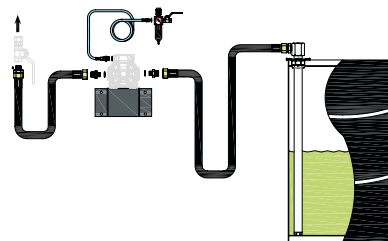
Pump not included, ordered separately.

Information

Air line hose L= 1,5 m

Outlet hose L= 1,5 m

Suction hose L= 2 m and suction tube L= 1 m



Part No	Model
99666	Installation kit for wall mounted air operated diaphragm pump 1/2" for drum
99766	Installation kit for wall mounted air operated diaphragm pump 1/2" for drums (excl. FRL)
99667	Installation kit for wall mounted air operated diaphragm pump 1" for drum
99767	Installation kit for wall mounted air operated diaphragm pump 1" for drum (excl. FRL)

Fuel suction unit for gasoline, E85 & diesel

Suction removal directly from vehicle tanks. The unit includes a 120 l container, air operated diaphragm pump with a capacity of 7 l/min, fluid filter, hose and adaptors. The unit meets all the requirements for explosive environments.

Part No
29555



Series ORL

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25436	Oil/Air/Diesel	12,5 (1/2") mm (inch)	7,5 (75) MPa (bar)	20 m
25455	Oil/Air/Diesel	19 (3/4") mm (inch)	7,5 (75) MPa (bar)	15 m



Series LOR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28904. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25556	Oil/Air/Diesel	19 (3/4") mm (inch)	6,0 (60) MPa (bar)	20 m
25565	Oil/Air/Diesel	25 (1") mm (inch)	6,0 (60) MPa (bar)	15 m



Series ORB

Extra robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. For mounting in any position on wall, floor or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25657	Oil/Air/Diesel	19 (3/4") mm (inch)	7,5 (75) MPa (bar)	25 m
25665	Oil/Air/Diesel	25 (1") mm (inch)	7,5 (75) MPa (bar)	15 m



Series ORH

Extra robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. For mounting on floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
25885	Oil/Diesel	37,5 (1 1/2") mm (inch)	2,0 (20) MPa (bar)	15 m



Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Hose length
36441	Waste oil/Diesel	16 (5/8") mm (inch)	6 m



Anti-splash funnels

Part No	Dimension
21632	Ø 190 mm
21605	Ø 230 mm



21632
21605

Garage funnels

Part No	Model	Dimension
21606	Garage funnel 300 mm with a strainer.	300 mm
21607	Garage funnel 300mm with a diesel/water separator filter.	300 mm



21606
21607

Plastic jerry cans

Suitable solution for storing and supplying fuel. Manufactured in a resistant red opaque HDPE. Product includes cap to avoid spillage and spout to ease delivery. They are ideal for keeping a fuel safety stock or for manually refuelling machines or vehicles where needed. There are three sizes available, all UN Approved.

Part No	Model	Volume
21675	Jerrycan Plastic 5L	5 l
21676	Jerrycan Plastic 10L	10 l
21677	Jerrycan Plastic 20L	20 l



Metal jerry cans

Suitable solution for storing and supplying fuel. Manufactured in a resistant sturdy metal construction with protective paint. Product includes cap to avoid spillage. They are ideal for keeping a fuel safety stock or for manually refuelling machines or vehicles where needed. There are three sizes available, all UN Approved. Outlet spout not included.

Part No	Model	Volume
21685	Jerrycan Metal 5L	5 l
21686	Jerrycan Metal 10L	10 l
21687	Jerrycan Metal 20L	20 l
21690	Spout for Jerry Can	



7 AdBlue

AdBlue® electric pumps	106
Air operated AdBlue® pumps	107
Spring operated hose reels	109
AdBlue® nozzles & meters.....	110
Hand operated drum pump.....	111
AdBlue® accessories	112

Electric 230 V diaphragm pump

Self-priming electric pump suitable for professional transfer of AdBlue® and other water-based non corrosive fluids from IBCs, drums or other containers.

Technical data

Capacity	31 l/min free flow
Maximum pressure	0,16 (1,6) MPa (bar)
Cable length	2 m
Max suction height	1,8 m
Connection	1" (M) BSP



Part No	Motor	Voltage
55520	400 W	230 V AC

Electrical 12/24 V diaphragm pump

Self-priming electric pump suitable for professional transfer of AdBlue® and other water-based non corrosive fluids from IBCs, drums or other containers.

Technical data

Capacity	35 l/min free flow
Maximum pressure	0,16 (1,6) MPa (bar)
Cable length	2 m
Max suction height	1,8 m
Connection	1" (M) BSP



Part No	Motor	Voltage
55530	260 W	12 V DC
55531	310 W	24 V DC

Distribution kit with electric pump

Consisting of electric diaphragm pump, 2,5 m suction hose with foot valve and 4 m outlet hose with manual nozzle.

Part No	Pump	Voltage
75010	55520	230 V AC
75011	55530	12 V DC
75012	55531	24 V DC



Distribution kit with electric pump 230 VAC and meter

Consisting of electric diaphragm pump 230 VAC, pump bracket for IBC or plastic drums, 1,5 m suction hose with connection adapter for suction tube, 4 m outlet hose with meter and manual nozzle or automatic nozzle.

Part No	Model
75015	Distribution kit AdBlue® with diaphragm pump 55520, 230V with manual nozzle and meter
75016	Distribution kit AdBlue® with diaphragm pump 55520, 230V with automatic nozzle and meter



Mobile AdBlue® dispenser with electric pump 230 VAC and meter

Consisting of drum trolley with electric diaphragm pump 230 VAC, 1,5 m suction hose with suction strainer and 3 m outlet hose with automatic nozzle. Electric cable reel for increased operating range available as an accessory sold separately.

Part No	Model
75020	Mobile AdBlue® Dispenser with diaphragm pump 230 V and meter
53621	Cable Reel Electric 10 m 230 V AC
28654	Bracket for cable or hose reel



Mobile refill tank for AdBlue®

Complete fitted with a 12V electric pump 40 l/min, hose and automatic nozzle. Single walled tank with lid and integrated fork lifting points. Integrated nozzle holder. Meter can be fitted as an option.

Part No	Capacity	Volume	Packaging LxWxH
53772	35 l/min free flow	220 l	0,9 x 0,6 x 0,62 m



Mobile AdBlue® distributor

Mobile distributor. Complete fitted with pump, hose and nozzle. Single walled tank with integrated handle. Nozzle holder is also integrated. Can be transported laying down. Meter can be fitted as an option. Dimensions (L x W x H): 500 x 470 x 1100 mm. Weight empty approx. 15 kg. Can be transported lying down.

Part No	Capacity	Pump	Volume
73215	35 l/min free flow	12 V DC	110 l



Air operated diaphragm pump 1:1

Air operated diaphragm pump for AdBlue® etc. Polypropylene model is suitable for transfer applications. Stainless steel model is suitable for pipe installations.

Technical data

Air connection	3/8" (F) BSP
Maximum air pressure	0,8 (8) MPa (bar)
Inlet	1/2" (F) BSP
Outlet	1/2" (F) BSP

Part No	Capacity	Material pump body
22206	30 l/min free flow	Polypropylene
22230	50 l/min free flow	Polypropylene
22241	50 l/min free flow	Stainless steel (AISI 316)



Wall mounted diaphragm pump installation kit

Components for an air operated pump, for 208 l drums and 1.000 l IBC containers. **Note!** Pump not included, ordered separately.

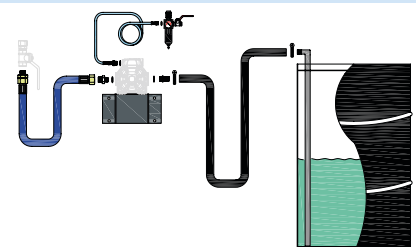
Information

Air line hose L= 1,5 m

Outlet hose L= 1,5 m

Suction hose L= 2 m and suction tube L= 1 m

Part No	Model
99668	Installation kit for wall mounted diaphragm pump 1/2", for 208 l drum or IBC



Distribution kit with air operated diaphragm pump for trucks

Consisting of air operated diaphragm pump 22230, pump bracket for plastic drums or IBCs 75300, 1,5 m suction hose with connection adapter for suction tube and 3 m outlet hose with nozzle.



Part No	Model
75050	Distribution kit Adblue® with air operated diaphragm pump 22230 with manual nozzle
75051	Distribution kit Adblue® with air operated diaphragm pump with automatic nozzle

Distribution kit with air operated diaphragm pump for cars

Consisting of air operated diaphragm pump 22206, pump bracket for plastic drums or IBCs, 1,5 m suction hose with connection adapter for suction tube and 3 m outlet hose with nozzle.



Part No	Model
75055	Distribution kit Adblue® with air operated diaphragm pump 22206 and manual nozzle 70215
75056	Distribution kit Adblue® with air operated diaphragm pump (22206) and digital meter (70210)
75057	Distribution equipment Adblue® complete with air operated diaphragm pump 22206 and digital meter 24146 with overfilling indication

Mobile AdBlue® dispenser with air operated diaphragm pump and meter

Consisting of drum trolley with air operated diaphragm pump 22206, 1,5 m suction hose with suction strainer and 3 m outlet hose with automatic nozzle. Air hose reel for increased operating range available as an accessory sold separately.



Part No	Model
75060	Mobile dispenser Adblue® with air operated diaphragm pump 22206 automatic nozzle, meter and trolley
46315	Hose Reel CRS blue composite hose and plastic swivel Air/Water 8 (5/16") mm (inch) 15 m
28654	Bracket for cable or hose reel

Mobile AdBlue® dispenser with air operated diaphragm pump

Consisting of drum trolley with plastic drum, air operated diaphragm pump, 1,5 m suction hose with suction strainer and 3 m outlet hose with manual nozzle. For example, when performing repairs, the unit can be used to evacuate the AdBlue® from a vehicles tank and then refill with the same fluid.

Part No
75000



Equipment for distribution of AdBlue from 1.000 L IBC containers directly into vehicle storage tanks. Consists of: Pump bracket for IBCs, diaphragm pump, 1 m suction hose, hose reel ORS 10m x 1/2", automatic nozzle and drip holster.

Technical data

Air connection 1/4" (F) BSP

Part No	Model
75070	Distribution kit Adblue® with air operated diaphragm pump, 1m suction hose, hose reel ORS 10m 1/2" and automatic valve



Series ORS

Open hose reel with low weight made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
75232	AdBlue®	12,5 (1/2") mm (inch)	1,5 (15) MPa (bar)	10 m
75235	AdBlue®	12,5 (1/2") mm (inch)	1,5 (15) MPa (bar)	15 m



Series OR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28902. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
24971	AdBlue®	12,5 (1/2") mm (inch)	6,0 (60) MPa (bar)	20 m
75355	AdBlue®	19 (3/4") mm (inch)	1,8 (18) MPa (bar)	15 m



Series ORL

Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
65455	Windscreen fluid/AdBlue®	19 (3/4") mm (inch)	2,0 (20) MPa (bar)	15 m



Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
76432	AdBlue®	12,5 (1/2") mm (inch)	3,0 (30) MPa (bar)	10 m
76435	AdBlue®	12,5 (1/2") mm (inch)	3,0 (30) MPa (bar)	15 m



Series CRO

Cased hose reel made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor. For more information, see Chapter 8 hose reels.

Part No	Media	Dimension	Maximum working pressure	Hose length
76232	AdBlue®	12,5 (1/2") mm (inch)	1,5 (15) MPa (bar)	10 m
76235	AdBlue®	12,5 (1/2") mm (inch)	1,5 (15) MPa (bar)	15 m



AdBlue® nozzles

Part No	Model	Capacity	Connection
70215	Control valve soft-closing for AdBlue®, lockable with straight outlet hose 1/2" (F) BSP	30 l/min free flow	1/2" (F) BSP
23580	Nozzle manual AdBlue® with swivel	90 l/min free flow	1" (F) BSP
75203	Nozzle Manual Adblue®	80 l/min free flow	ø19 mm
23577	Nozzle automatic AdBlue® with swivel	45 l/min free flow	19 (3/4") mm (inch)
75204	Nozzle Automatic AdBlue® with swivel	45 l/min free flow	1/2" (M) BSP
75200	Nozzle automatic Adblue®, with swivel and magnetic mis-filling device	45 l/min free flow	19 (3/4") Ø mm (inch)
75201	Nozzle automatic Adblue® Elaflex with swivel	10 l/min free flow	1" (M) BSP
75202	Nozzle automatic Adblue®, with swivel	10 l/min free flow	19 (3/4") mm (inch)
75205	Nozzle automatic for Adblue®, with swivel	10 l/min free flow	1/2" (M) BSP
75211	Sleeve G1"(f) Stainless Steel		1" (F) BSP
75210	Swivel Chem 1/2" - 1" (M)-(M) BSP Stainless steel		1/2" - 1" (M)-(M) BSP
24621	Swivel chem G1/2"(m) - G1/2"(m) stainless steel		1/2" (M)-(M) BSP
24623	Swivel Chemicals G3/4"(f)-G3/4"(m) Stainless steel		3/4" - 3/4" (F)-(M) BSP



AdBlue® hose end meter

AdBlue® nozzle with digital meter. One model featuring an electronic indication when the container is full to prevent over-filling.

Technical data

Capacity	30 l/min free flow
Maximum working pressure	3,0 (30) MPa (bar)
Connection	1/2" (F) BSP

70210



70211



Part No	Model
70210	Digital hose end meter soft-closing for AdBlue®, lockable with straight outlet hose 1/2" (F) BSP
70211	Digital hose end meter soft-closing for AdBlue®, lockable with overfilling indication. 1/2" (F) BSP

AdBlue® meter

AdBlue® meter with big display for simple installation. The meter can be installed directly on the control valve or at the end of the hose. The meter is powered by two batteries which can be easily replaced.

Part No	Model	Capacity	Maximum working pressure	Connection
24759	Digital turbine meter 1" (F) BSP	5-120 l/min free flow	1,0 (10) MPa (bar)	1" (F) BSP
25051	Digital inline-meter G1/2"(f) stainless steel	1 - 50 l/min free flow	10 (100) MPa (bar)	1/2" (F) BSP
25052	Digital inline-meter G1/2"(f) PVC	1 - 50 l/min free flow	3,0 (30) MPa (bar)	1/2" (F) BSP

24759



25051



25052



Hand operated drum pump

Wide range of hand-operated piston pumps in several models in different materials for the highest compatibility with different types of liquids. Delivered with telescopic suction tube, G2" and G1 1/2" bung adapter.

Part No	Model	Capacity
21131	Drum Pump PP/EPDM 0,5 l/stroke	0,5 l/stroke
21122	Drum Pump 208 l drum. Made of polypropylene with Viton seals. Water/ Antifreeze/Windshield Wash/Degreaser	0,3 l/stroke
28400	Hose Adblue® 2Mx3/4" with Valve for 21122 & 21131	

21131



21122



Rotary pump

For water based fluids and other chemicals. Made of PVC with Ø 27 mm outlet pipe and G2" (m) bung adapter.

Part No	Capacity	Riser tube length	Pump tube	Weight (Gross)
21200	0,3 l/revolution	280-1030 mm	ø 44 mm	1,95 kg



Distribution kit with hand operated drum pump

Consisting of hand operated drum pump, pump bracket for IBC, 1,5 m suction hose with connection adapter and 2 m outlet hose with manual nozzle.

Part No	Model
75100	Pump kit Adblue® for IBC with hand operated lever pump and manual nozzle



Drum adapters

Part No	Model
2310033	Adapter Mauser (m) - Trisure (f)
2310039	Lid for IBC 160x7mm, 56x4 Trisure (f)
2310045	Bung adaptor DIN61-3/4"(f)
28235	Adapter G2" (f) -Trisure Ø 56 mm, pitch approx. 4 mm (m)
28236	Adapter G2" (f) -Multi adapter with locking screw Ø55-65 mm(f)
28234	Adapter G2" (f) -Midland
28238	Adapter G2" (f) - Mauser Ø 70 mm, pitch approx. 6 mm (m)
28239	Adapter G2" (f) - Berg Ø 53 mm, pitch approx. 3,5 mm (f)
2310035	Adapter G2" (f) - DIN 70 (f) pitch approx. 6 mm
2310034	Adapter G2" (f) - DIN 61 (f) pitch approx. 5 mm (IBC)
2310037	Adapter G3/4" (f) - Trisure Ø 56 mm, pitch 4 mm (m)
2310038	Adapter G3/4" (f) - DIN 70 (f) pitch approx. 6 mm
28339	Adapter DIN 61 suits the most IBC containers - Hose tail 25 mm (1")
2310044	Adapter G2" (f) - DIN 63 (f)
2310043	Lid for IBC Ø160mm G2"(f)



Accessories

Part No	Model	Thread	Connection
2410046	Telescopic suction tube with suction tube adaptor for AdBlue® in drums and IBC	2" Trisure	20 mm
28409	Suction pipe 1" PVC Ø40 L1200mm included 2 m 1" hose		
7350012	Hose fitting G1" (f) - Ø20 mm Plastic		Ø20 - 1" ØMM-(F) (G)
7350013	Hose fitting G1" (f) - Ø25 mm Plastic		Ø25 - 1" ØMM-(F) (G)
7350009	Hose fitting G1" (m) - Ø20 mm Plastic		Ø20 - 1" ØMM-(M) BSP
7350016	Hose fitting G3/4" (m) - Ø13 mm Plastic		Ø13 - 3/4" ØMM-(M) BSP
7350006	Hose fitting G1/2" (m) - Ø13 mm Plastic		Ø13 - 1/2" ØMM-(M) BSP
7350008	Hose fitting G1/2" (m) - Ø20 mm Plastic		Ø20 - 1/2" ØMM-(M) BSP
25300102	Hose Nipple G1/2"(m)- 1/2" Hose AISI316	Ø12,7 - 1/2" ØMM-(M) BSP	
7350005	Adaptor G1/2" (m) - G3/4" (f) Plastic		3/4" - 1/2" (F)-(M) BSP
7350015	Adaptor G1/2" (m) - G1/2" (m) Plastic		1/2" - 1/2" (M)-(M) BSP
7350021	Check valve G1"(f) - G1"(f) Plastic		1" - 1" (F)-(F) BSP
7350020	Foot valve with strainer G1"(f) Plastic		1" (F) BSP
72101126	Hose clamp Ø12-20 (1/2") mm (inch)		
72101081	Hose clamp Ø16-25 (5/8") mm (inch)		
72101087	Hose clamp Ø20-32 (3/4") mm (inch)		
75300	Pump Bracket for Plastic Drums and IBC containers.		
14095008	Hose Adblue® 1/2" rubber (per meter)		
14611008	Hose Adblue® 1/2" transparent, per meter		
14611012	Hose Adblue® 3/4" transparent, per meter		
14611016	Hose AdBlue® 1" transparent, per meter		

2410046



7350012



7350013



7350020



7350021



72101081



14611008



75300



8 Hose reels

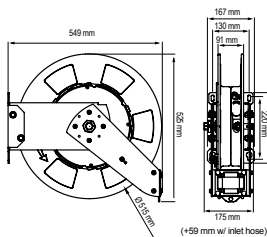
Hose reels, open	116
Hose reels, enclosed	121
Electric cable reels	123
Hose reel accessories	124

General information

Wherever longer hoses are required it is strongly recommended that hose reels are used. There are several advantages in using hose reels, such as longer hose life, increased safety and improved efficiency. Once installed the hose is always readily available but can be retracted out of the way when not in use. Hose free floors will reduce the risk of accidents due to tripping and will also aid identification. As a consequence they help to increase the efficiency and hence the profitability of the workshop. Hose reels can be installed on the wall, floor or ceiling or to special frameworks. We recommend that they should be installed at least 2,5 meters above the floor. Certain larger models are only for floor mounting. Powder coated in RAL7012.

Series ORM

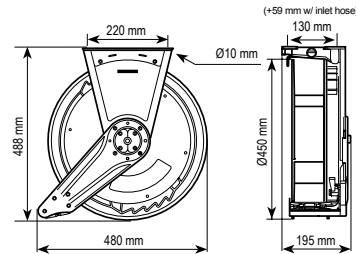
Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
45135	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (M) BSP	2,0 (20) MPa (bar)	15 m
25135	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m
15125	Grease	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	1/4" (M) BSPT	35 (350) MPa (bar)	15 m
55125	Hot water	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (F)-(M) BSP	18 (180) MPa (bar)	15 m
25105	Oil/Air		1/2" (M) BSP	1/2" (M) BSP	7,5 (75) MPa (bar)	15 m max (without hose)
65135	Windscreen fluid/Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m

Series ORS

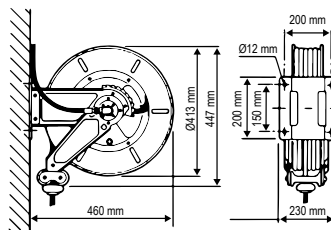
Open hose reel with low weight made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
45222	Air/Water	10 (3/8") mm (inch)	1/2" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	10 m
45225	Air/Water	10 (3/8") mm (inch)	1/2" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	15 m
45235	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (M) BSP	2,0 (20) MPa (bar)	15 m
25232	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	10 (100) MPa (bar)	10 m
25235	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	10 (100) MPa (bar)	15 m
15212	Grease	6,35 (1/4") mm (inch)	1/4" (F)-(M) BSP	1/4" (M) BSP	35 (350) MPa (bar)	10 m
15225	Grease	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	1/4" (M) BSP	35 (350) MPa (bar)	15 m
55225	Hot water	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (F)-(M) BSP	17 (170) MPa (bar)	15 m
65232	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	10 m
65235	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m
35241	Waste oil	16 (5/8") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP		6 m
75232	AdBlue®	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	1,5 (15) MPa (bar)	10 m
25205	Oil		1/2" (M) BSP	1/2" (M) BSP	10 (100) MPa (bar)	15 m max (without hose)

Series OR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28902. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
45336	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (M) BSPT	1,8 (18) MPa (bar)	20 m
25336	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F) BSP	6,0 (60) MPa (bar)	20 m
15325	Grease	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (F) BSP	40 (400) MPa (bar)	15 m
75355	AdBlue®	19 (3/4") mm (inch)	19 (3/4") mm (inch)	19 (3/4") mm (inch)	1,8 (18) MPa (bar)	15 m
25306	Oil/Air		3/8" (F) BSP		40 (400) MPa (bar)	20 m max (without hose)
44465	Oxygen/propane	2x10 (2x3/8") mm (inch)	2x10 (2x3/8") mm (inch)	2x10 (2x3/8") mm (inch)	2,0 (20) MPa (bar)	15 m

Series OR Stainless steel

Open hose reel made of stainless steel with oil -resistant reinforced hose. Can be equipped with pivotable bracket, item no 28902. NOTE! Swivel bracket is made of lacquered steel sheet. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
45335RF	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (M) BSPT	1,8 (18) MPa (bar)	15 m
25335RF	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F) BSP	6,0 (60) MPa (bar)	15 m
24957	Hot water	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (F) BSP	18 (180) MPa (bar)	20 m
24971	AdBlue®	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F) BSP	6,0 (60) MPa (bar)	20 m
65335RF	Windscreen fluid/Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F) BSP	6,0 (60) MPa (bar)	15 m

Series ORL

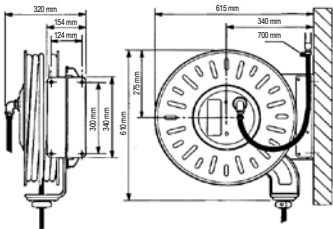
Robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
25436	Oil/Air/Diesel	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	20 m
25455	Oil/Air/Diesel	19 (3/4") mm (inch)	3/4" (F)-(M) BSP	3/4" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m
15436	Grease	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	27,5 (275) MPa (bar)	20 m
65455	Windscreen fluid/AdBlue®	19 (3/4") mm (inch)	3/4" (F)-(M) BSP	3/4" (F)-(M) BSP	2,0 (20) MPa (bar)	15 m
25406	Oil/Air/Diesel		1/2" (F) BSP	1/2" (M) BSP	7,5 (75) MPa (bar)	20 m max (without hose)

Series LOR

Open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28904. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
25537	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F) BSP	1/2" (F) BSP	6,0 (60) MPa (bar)	25 m
25556	Oil/Air/Diesel	19 (3/4") mm (inch)	3/4" (F) BSP	3/4" (F) BSP	6,0 (60) MPa (bar)	20 m
25559	Oil/Air/Diesel	19 (3/4") mm (inch)	3/4" (F) BSP	3/4" (F) BSP	6,0 (60) MPa (bar)	35 m
25565	Oil/Air/Diesel	25 (1") mm (inch)	1" (F) BSP	1" (F) BSP	6,0 (60) MPa (bar)	15 m
15527	Grease	10 (3/8") mm (inch)	3/8" (F) BSP	3/8" (F) BSP	40 (400) MPa (bar)	25 m
55527	Hot water	10 (3/8") mm (inch)	3/8" (F) BSP	3/8" (F) BSP	40 (400) MPa (bar)	25 m
55537	Hot water	12,5 (1/2") mm (inch)	1/2" (F) BSP	1/2" (F) BSP	30 (300) MPa (bar)	25 m
25507	Various					25 m max (without hose)

Series LOR Stainless steel

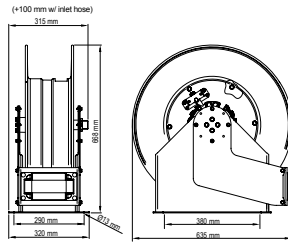
Open hose reel made of stainless steel with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28904. NOTE! Swivel bracket is made of lacquered steel sheet. For mounting in any position on wall or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Maximum temperature	Hose length
24965	Hot water	12,5 (1/2") mm (inch)	1/2" (F) BSP	1/2" (F) BSP	30 (300) MPa (bar)	150 °C	25 m
24960	Various						25 m max (without hose)

Series ORB

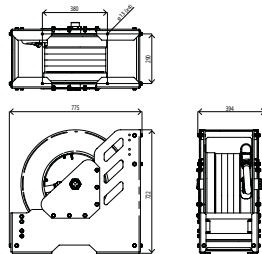
Extra robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. For mounting in any position on wall, floor or ceiling. Recommended mounting height, at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
25638	Oil/Air	12,5 (1/2") mm (inch)	1" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	30 m
25656	Oil/Air	19 (3/4") mm (inch)	3/4" (F)-(M) BSP	3/4" (F)-(M) BSP	7,5 (75) MPa (bar)	20 m
25657	Oil/Air/Diesel	19 (3/4") mm (inch)	3/4" (F)-(M) BSP	3/4" (F)-(M) BSP	7,5 (75) MPa (bar)	25 m
25665	Oil/Air/Diesel	25 (1") mm (inch)	1" (F)-(M) BSP	1" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m
45665	Air/Water	25 (1") mm (inch)	1" (F)-(M) BSP	1" (F)-(M) BSP	1,5 (15) MPa (bar)	15 m
45638	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	1,5 (15) MPa (bar)	30 m
25606	Oil/Air/Diesel		1" (M) BSP	1" (F) BSP	7,5 (75) MPa (bar)	1"x15 / 3/4"x20 m max (without hose)
25608	Oil/Air/Diesel		1" (M) BSP	1" (F) BSP	7,5 (75) MPa (bar)	1/2"x30 / 3/4"x25 m max (without hose)

Series ORH

Extra robust open hose reel made of lacquered steel sheet with oil -resistant reinforced hose. For mounting on floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
25885	Oil/Diesel	37,5 (1 1/2") mm (inch)	1 1/2" (F) BSP	1 1/2" (F) BSP	2,0 (20) MPa (bar)	15 m
25805	Oil/Diesel	37,5 (1 1/2") mm (inch)	1 1/2" (F) BSP	1 1/2" (F) BSP	2,0 (20) MPa (bar)	15 m max (without hose)

Series ORV

The hose reel is a robust and maintenance-free product. It is equipped with a 10 meter anti-static hose which can be easily pulled out and automatically rolled in by the spring rolling mechanism. The roller mechanism is set to withstand 8 meters of hose and 2 meters of free hanging. Hose length 8m Ø50mm, 2m Ø38mm. Bracket 100x190 mm C-C. Pressure switch and T-piece are required for mounting.



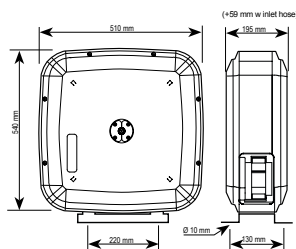
Technical data
Air connection

6 mm

Part No	Model	Dimension	Inlet	Outlet	Hose length
85030	Vacuum hose reel 8M Ø50mm + 2M Ø38mm + damper	50/38 mm	50 mm	38 mm	8+2 m

Series CRO

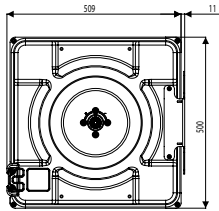
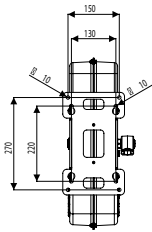
Cased hose reel made of aluminum with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor.



Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
46222	Air/Water	10 (3/8") mm (inch)	1/2" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	10 m
46225	Air/Water	10 (3/8") mm (inch)	1/2" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	15 m
46235	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (M) BSP	2,0 (20) MPa (bar)	15 m
26232	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	10 (100) MPa (bar)	10 m
26235	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	10 (100) MPa (bar)	15 m
16212	Grease	6,35 (1/4") mm (inch)	1/4" (F)-(M) BSP	1/4" (M) BSP	35 (350) MPa (bar)	10 m
16225	Grease	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	1/4" (M) BSP	35 (350) MPa (bar)	15 m
56225	Hot water	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (F)-(M) BSP	17 (170) MPa (bar)	15 m
66232	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	10 m
66235	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m
36241	Waste oil	16 (5/8") mm (inch)	1/2" (F) BSP	1/2" (F)-(M) BSP		6 m
76232	AdBlue®	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	1,5 (15) MPa (bar)	10 m
76235	AdBlue®	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	1,5 (15) MPa (bar)	15 m
26205	Oil/Air		1/2" (M) BSP	1/2" (M) BSP	10 (100) MPa (bar)	15 m max (without hose)

Series CRK

Cased hose reel made of lacquered steel sheet with oil -resistant reinforced hose. Can be equipped with pivotable bracket, article no 28913. For mounting in any position on wall or ceiling. Recommended mounting height at least 2.5m above floor.

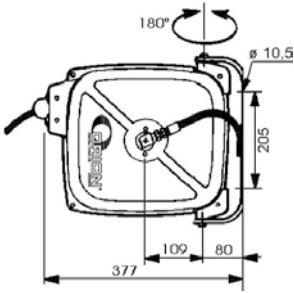


28913

Part No	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
46422	Air/Water	10 (3/8") mm (inch)	1/2" - 3/8" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	10 m
46425	Air/Water	10 (3/8") mm (inch)	1/2" - 3/8" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	15 m
46435	Air/Water	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (M) BSP	2,0 (20) MPa (bar)	15 m
26432	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	9,0 (90) MPa (bar)	10 m
26435	Oil/Air	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	9,0 (90) MPa (bar)	15 m
16412	Grease	6,35 (1/4") mm (inch)	1/4" (F)-(M) BSP	1/4" (M) BSP	35 (350) MPa (bar)	10 m
16425	Grease	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	1/4" (M) BSPT	35 (350) MPa (bar)	15 m
56425	Hot water	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (F)-(M) BSP	17 (170) MPa (bar)	15 m
66432	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	10 m
66435	Windscreen fluid/ Degreaser	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	7,5 (75) MPa (bar)	15 m
36441	Waste oil/Diesel	16 (5/8") mm (inch)	1/2" (F) BSP	1/2" (F)-(M) BSP		6 m
76432	AdBlue®	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	3,0 (30) MPa (bar)	10 m
76435	AdBlue®	12,5 (1/2") mm (inch)	1/2" (F)-(M) BSP	1/2" (F)-(M) BSP	3,0 (30) MPa (bar)	15 m
26405	Oil/Air		1/2" (M) BSP	1/2" (M) BSP	9 (90) MPa (bar)	15 m max (without hose)
46405	Air/Water		1/2" (M) BSP	12,5 (1/2") mm (inch)	2,0 (20) MPa (bar)	15 m max (without hose)

Series CRS

Small enclosed hose reel made of lacquered steel sheet with oil -resistant hose. Equipped with pivotable bracket for mounting in optional position on wall or ceiling.



Part No	Model	Media	Dimension	Inlet	Outlet	Maximum working pressure	Hose length
46715	Hose Reel CRS black extra flexible composite hose and metal swivel Air/Water 8 (5/16") mm (inch) 15 m	Air/Water	8 (5/16") mm (inch)	3/8" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	15 m
46315	Hose Reel CRS blue composite hose and plastic swivel Air/Water 8 (5/16") mm (inch) 15 m	Air/Water	8 (5/16") mm (inch)	8 (5/16") mm (inch)	1/4" (M) BSP	2,0 (20) MPa (bar)	15 m
46724	Hose Reel CRS black extra flexible composite hose and metal swivel Air/Water 10 (3/8") mm (inch) 12 m	Air/Water	10 (3/8") mm (inch)	3/8" (F)-(M) BSP	3/8" (M) BSP	2,0 (20) MPa (bar)	12 m
46324	Hose Reel CRS blue composite hose and plastic swivel Air/Water 10 (3/8") mm (inch) 12 m	Air/Water	10 (3/8") mm (inch)	8 (5/16") mm (inch)	3/8" (M) BSP	2,0 (20) MPa (bar)	12 m

Electric cable reels

Electric cable reels with impact resistant plastic covers. Supplied with earth connection and cable.

Part No	Model	Capacity	Cable
53611	Cable Reel Electric 6 m 230 V AC	2000 W	HO5VV-F 3x1,5 mm²
53621	Cable Reel Electric 10 m 230 V AC	2000 W	HO5VV-F 3x1,5 mm²
53631	Cable Reel Electric 15 m 230 V AC	2000 W	HO5VV-F 3x1,5 mm²
53641	Cable Reel Electric 20 m 230 V AC	3500 W	HO5VV-F 3x2,5 mm²
53640	Cable Reel Electric 20 m 400 V AC	3000 W	H07RN-F 5x1,5 mm²
53650	Cable Reel LAN 15M		CAT 5E
53635	Slow motion unit for 53631		



Battery charger for fixed installation 12V 100A

Complete system for charging the vehicle's 12V battery. Includes a fixed wall-mounted charger with control panel, two-pole cable reel 8m with battery clamps and other components for connection.

Part No	Capacity	Cable length
53670	100 A	8 m



Pivoting wall bracket for hose reels

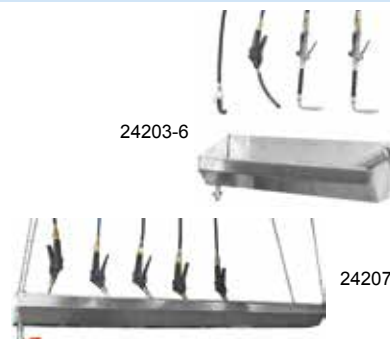
Part No	Model
28913	Pivoting Wall Bracket
28902	Pivoting Wall Bracket, OR-Series hose reel
28922	Pivoting Wall Bracket in Stainless steel, OR-Series hose reel
28904	Pivoting Wall Bracket, LOR-Series hose reel



Drip pan

For use below hose reels to prevent liquid dripping on the floor. Made in stainless steel.

Part No	Model
24203	Drip pan wall hanged, length 700 mm
24204	Drip pan wall hanged, length 1000 mm
24205	Drip pan wall hanged, length 1250 mm
24206	Drip pan wall hanged, length 1500 mm
24207	Drip pan ceiling mounted with chains 2m x 4 pcs (included), length 1250 mm, for service tower 92167



Hose outlet roller guide

Additional hose outlet roller guide, used when mounting a hose reel in a cabinet. Max. hose dimension Ø 42 mm

Technical data

Dimension	C-C 90x80 mm
Length	110 mm
Width	118 mm

Part No
2145998



Hose guide for suspended ceilings

Used when hose reels are mounted above suspended ceilings.

Part No	Model
85044	Hoseguide for inner roof, for 1 hose/cablereel
85045	hose guide for innerroof for 2 hose/cable reels
85046	Hose guide for inner roof, for 3 hose/cable reels
85047	Hose guide for inner roof, for 5 hose/cable reels



Mounting rack

Mounting racks are used to facilitate the mounting of several hose reels. Time is reduced and the work can easily be done by one person. Pre-drilled holes for ORM,ORS, ORL, CRK and CRO reels.

Part No	Model	Dimension
92182	Mounting rack for two hose reels.	550 x 310 x 60 mm
92183	Mounting rack for three hose reels.	825 x 310 x 60 mm
92185	Mounting rack for five hose reels.	1375 x 310 x 60 mm



Support post for hose reels

To mount one or two reels (side by side). Easy to assemble. Pre-drilled holes for ORM, ORS, CRK, CRO reels.

Part No	Dimension
92170	2400 x 400 x 320 mm



Service stands for 3 or 5 Reels

Standard service stand, for up to five hose reels, manufactured in grey laquered steel. Pre-drilled holes for ORM, ORS, ORL, CRK and CRO reels. The stand is delivered complete as per picture.

Part No	Model	Dimension
92173	Service stand for up to 3 hose reels.	2220 x 1200 x 400 mm
92175	Service stand for up to 5 hose reels.	2220 x 1750 x 400 mm

92173



Service stand

Standard service stand, for up to six hose reels, manufactured in grey laquered steel. The stand has a drip tray. Pre-drilled holes for ORM, ORS, ORL, CRK and CRO reels.

Part No	Model	Dimension
92190	Service stand for up to 6 hose reels. Pre-drilled holes for ORM, ORS and CRK reels	2600 x 1543 x 760 mm
92192	Service stand for up to 6 hose reels. Pre-drilled holes for ORM, ORS, CRO and CRK reels	2600 x 1972 x 760 mm
92194	Bracket for an exhaust hose reel for service stand 92190 and 92192.	1110 mm
92195	Bracket for 2 extra hose reels, for service stand 92192 and 92190	555 mm
92193	Height extension kit for service stand 92190 and 92192	500 mm



Service tower, small

The workshop tower can be equipped with a variety of product and provides a single source center for oil, grease, antifreeze, air and exhaust systems. Supplied without equipment. Pre-drilled holes for the following hose reel series: CRK, ORM, ORS, ORL and CRO.

Part No	Model	Dimension
92176	Service tower without hose reel mounting rack.	3000 x 2150 x 500 mm
92177	Service tower with hose reel mounting rack for 3 hose reels.	3000 x 2150 x 825 mm
92178	Service tower with hose reel mounting rack for 5 hose reels.	3000 x 2150 x 1375 mm



Service tower, large

The workshop tower (height 3,5 m) can be equipped with a variety of product and provides a single source center for oil, grease, antifreeze, air and exhaust systems. Supplied without equipment. Pre-drilled holes for the following hose reel series: CRK, ORM, ORS, ORL and CRO.

Part No	Model	Dimension
92165	Service tower for one exhaust reel	3580 x 2350 x 1650 mm
92169	Service tower for two exhaust hose reels.	3580 x 3000 x 1650 mm
92124	Concrete fastener (floor bracket), for service tower, galvanized	850 x 850 mm



Service tower, large (narrow model)

The workshop tower (height 3,5 m) can be equipped with a variety of product and provides a single source center for oil, grease, antifreeze, air and exhaust systems. Supplied without equipment. Pre-drilled holes for the following hose reel series: CRK, ORM, ORS, ORL and CRO.

Part No	Model	Dimension
92166	Service Tower Narrow Head for 1 Exhaust Reel	3620 x 4420 x 1100 mm
92167	Complete service tower incl roof, for 2 exhaust reels	3620 x 5120 x 1100 mm
92162	End Plate For Narrow Head	3500 x 550 x 101 mm
92163	Drip Pan L=2085 mm, for service tower 92166	2085 x 400 x 185 mm
24207	Drip pan ceiling mounted with chains 2m x 4 pcs (included), length 1250 mm, for service tower 92167	1250 x 290 x 180
92124	Concrete fastener (floor bracket), for service tower, galvanized	850 x 850 mm



9 Hose end control

Grease control valve.....	130
Water and antifreeze control valves	131
Detergent.....	133
Blow gun & tyre inflators.....	133
Diesel nozzles	134
AdBlue [®] nozzles	134
Oil & glycol control valves.....	135
Control valve and hose end meter high-flow	136
Mechanical hose end meter	137
Digital hose end meter.....	138
Accessories for hose end control valves	139
Line meters.....	140

Grease control valve

Control valve with outlet tube or hose and hydraulic nozzle.

Part No	Maximum working pressure	Connection
14612	50 (500) MPa (bar)	1/4" (F) BSP
14615	50 (500) MPa (bar)	1/4" (F) BSP
99600	50 (500) MPa (bar)	1/4" (F) BSP



Grease control valve - high pressure

Pressure can be increased to 80 MPa (800 bar) by pumping the handle. **Note! Do not use with outlet hose.**

Part No	Maximum working pressure	Connection
14626	50 (500) MPa (bar)	1/8" (F) BSP



Grease meter

Digital grease meter, equipped with current dispense display and resettable and non-resettable totalisors. Digital display powered by two 1,5 V AAA batteries. Accuracy +/- 3 %.

Part No	Capacity	Maximum working pressure	Connection
14720	1000 gr/min	50 (500) MPa (bar)	1/4" (F) BSP
14740	2500 gr/min	70 (700) MPa (bar)	1/8" (F) BSP



Swivels for grease

Makes it possible to handle grease hoses with ease even at high pressure. For best results use a straight swivel between pump and distribution hose and a Z-swivel between hose and grease control valve.

Part No	Thread	Maximum working pressure
18070	1/4" (F)-(M) BSP	50 (500) MPa (bar)
18071	1/4" (F)-(M) BSP	50 (500) MPa (bar)
18072	1/4" - 1/2"-27 (M) NPT	50 (500) MPa (bar)
18073	1/4" - 1/8" (F)-(M) BSP	50 (500) MPa (bar)

18070



18071



18072
18073



Outlet hoses for grease control valves

High pressure hose, 4,8 mm i.d. nitrile rubber with one polyester braid PN 40 MPa (400 bar) and swaged couplings.

Part No	Thread	Length
14042	1/8" (M) BSPT	200 mm
14043	1/8" (M) BSPT	300 mm
14044	1/8" (M) BSPT	450 mm
14047	1/8" (M) BSPT	1000 mm
14052	1/8" (M) BSPT	2500 mm



Water control valve

Part No	Connection
24105	1/4" (F) BSP
2410564	3/8" (F) BSP
2410561	1/2" (F) BSP
24106	1/4" (F) BSP
2410664	3/8" (F) BSP
2410661	1/2" (F) BSP

24105



24106



Control valve for water based fluids

Lockable in closed and filling position. For AdBlue®, washer fluid, glycol, brake fluid, detergents.

Technical data

Capacity 30 l/min free flow
Maximum working pressure 5,0 (50) MPa (bar)
Connection 1/2" (F) BSP

Part No	Model
20205	Control valve soft-closing for fluids, lockable with stainless swivel without outlet pipe 1/2" (F) BSP
20215	Control valve soft-closing for fluids, lockable with straight outlet hose 1/2" (F) BSP
20255	Control valve soft-closing for fluids, lockable with 60° outlet pipe 1/2" (F) BSP
20277	Control valve soft-closing for fluids, lockable with stainless swivel with outlet hose 90° with stainless steel connections and manual non-drip nozzle 1/2" (F) BSP
2285467	Outlet 90° with manual non-drip 1/2" (M) BSP

20215



20255



20277



2285467



Hose end meter for water based fluids

Digital hose end meter for water based fluids, powered by 2 replaceable AAA 1,5 V alkaline batteries. The meter is fitted with a special flexible rubber outlet to prevent foaming. Flow range: 5 to 15 l/min. Max work pressure: 4 MPa (40 bar).

Technical data

Connection 1/2" (F) BSP

Part No	Model	Capacity	Maximum working pressure
20210	Digital hose end meter soft-closing for fluids, lockable with straight outlet hose 1/2" (F) BSP	30 l/min free flow	3,0 (30) MPa (bar)
25052	Digital inline-meter G1/2"(f) PVC	1 - 50 l/min free flow	3,0 (30) MPa (bar)
25051	Digital inline-meter G1/2"(f) stainless steel	1 - 50 l/min free flow	10 (100) MPa (bar)

20210



25051



25052

Wash handle

Heavy duty wash handle made of rubber covered die-cast brass. Flow pattern regulated by the trigger.

Part No	Maximum working pressure	Connection
28182	2,4 (24) MPa (bar)	1/2" (F) BSP
2818264	3,0 (30) MPa (bar)	3/8" (F) BSP



Wash handle

Straight form wash nozzle with on/off and flow pattern regulated by turning the sleeve.

Note! Part no 28268 should not be pressurized when closed!

Part No	Maximum working pressure	Seals	Material	Connection
28268	1,0 (10) MPa (bar)	Metal	Brass	12,5 (1/2") mm (inch)
28368	1,6 (16) MPa (bar)	O-ring	Brass	12,5 (1/2") mm (inch)
38220812			Brass	1/2" (13) - 3/4" ØMM-(M) BSP
28369	1,6 (16) MPa (bar)	O-ring	Stainless steel	1/2" (F) BSP

28268



28368



28369



38220812



Wash handle

Technical data

Maximum pressure 3 (30) MPa (bar)

Connection 1/2" (F) BSP

Part No
28367



High pressure lance

Lance for high pressure washing. Equipped with ergonomic and insulated handle and nozzle protection.

Technical data

Connection 3/8" (F) BSP

Part No	Length
28453	L=800 mm
28454	L=1200 mm



Spray handle with spray tube, brass

Designed for use with detergents. Consists of a brass valve body with 580 mm brass outlet tube and two nozzles, one with an adjustable spray pattern.

Part No	Model	Maximum working pressure	Length	Connection
24029	Spray handle with spray tube. For use with detergents	3,5 (35) MPa (bar)	720 mm	3/8" (M) BSP
550012	Adjustable spraying nozzle			
24108	Spray handle with spray tube. For use with detergents	3,5 (35) MPa (bar)	720 mm	3/8" (F) BSP



Spray handle with spray tube

Designed for use with detergents. Consists of a thermoplastic valve body (24680) with an brass or stainless steel outlet tube. Two different spray nozzles for water and petroleum based detergents.

Part No	Outlet	Length	Connection
24098	Brass	500 mm	1/2" (F) BSP
24099	Brass	915 mm	1/2" (F) BSP
24225	Stainless steel	1000 mm	1/2" (F) BSP



High pressure swivel in brass

Designed for use with water or detergents.

Part No	Maximum working pressure	Connection
24518	25 (250) MPa (bar)	3/8" (F)-(M) BSP



Blow gun

Blow gun for efficient cleaning, made of impact resistant plastic with ergonomically designed handle. Tube length approx. 100 mm

Part No	Connection
44503	1/4" (F) BSP



Industrial blow gun

Blow gun manufactured with a durable cast aluminum body with ergonomic grip. Includes a safety nozzle that increases the air thrust with a reduction of the noise level and minimum air consumption.

Part No	Connection
44504	1/4" (F) BSP



Tyre inflators

Accurate, ergonomic and durable tyre inflator for all needs of tyre inflation. To be connected to the compressed air line. The gauge is protected by a rubber cover.

Part No	Maximum air pressure	Hose length	Connection
44635	0 - 1,2 (0 - 12) MPa (bar)	0,66 m	1/4" (F) BSP
44640	1,2 (12) MPa (bar)		1/4" (F) BSP
44660	1,2 (12) MPa (bar)	0,3 m	1/4" (F) BSP



Diesel nozzles

Part No	Model	Capacity	Connection
23605	Automatic nozzle diesel	60 l/min free flow	1" (F) BSP
23608	Automatic Nozzle Diesel	80 l/min free flow	1" (F) BSP
23606	Manual Diesel Nozzle	100 l/min free flow	1" (F) BSP
23604	Swivel Diesel 3/4"(m)-1"(f) for 23605		
23607	Inlet Swivel Diesel for G1"(f) Nozzles.		



AdBlue® nozzles

Part No	Model	Capacity	Connection
70215	Control valve soft-closing for AdBlue®, lockable with straight outlet hose 1/2" (F) BSP	30 l/min free flow	1/2" (F) BSP
75203	Nozzle Manual Adblue®	80 l/min free flow	ø19 mm
23580	Nozzle manual AdBlue® with swivel	90 l/min free flow	1" (F) BSP
23577	Nozzle automatic AdBlue® with swivel	45 l/min free flow	19 (3/4") mm (inch)
75204	Nozzle Automatic AdBlue® with swivel	45 l/min free flow	1/2" (M) BSP
75200	Nozzle automatic Adblue®, with swivel and magnetic mis-filling device	45 l/min free flow	19 (3/4") Ø mm (inch)
75201	Nozzle automatic Adblue® Elaflex with swivel	10 l/min free flow	1" (M) BSP
75202	Nozzle automatic Adblue®, with swivel	10 l/min free flow	19 (3/4") mm (inch)
75205	Nozzle automatic for Adblue®, with swivel	10 l/min free flow	1/2" (M) BSP
75211	Sleeve G1"(f) Stainless Steel		1" (F) BSP
75210	Swivel Chem 1/2" - 1" (M)-(M) BSP Stainless steel		1/2" - 1" (M)-(M) BSP



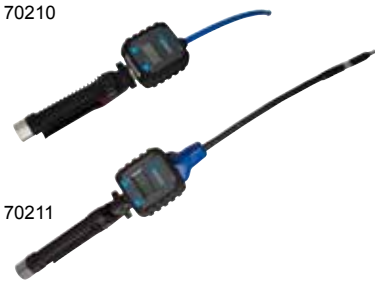
AdBlue® hose end meter

AdBlue® nozzle with digital meter. One model featuring an electronic indication when the container is full to prevent over-filling.

Technical data

Capacity 30 l/min free flow
Maximum working pressure 3,0 (30) MPa (bar)
Connection 1/2" (F) BSP

Part No	Model
70210	Digital hose end meter soft-closing for AdBlue®, lockable with straight outlet hose 1/2" (F) BSP
70211	Digital hose end meter soft-closing for AdBlue®, lockable with overfilling indication. 1/2" (F) BSP



AdBlue® meter

AdBlue® meter with big display for simple installation. The meter can be installed directly on the control valve or at the end of the hose. The meter is powered by two batteries which can be easily replaced.

Part No	Model	Capacity	Maximum working pressure	Connection
24759	Digital turbine meter 1" (F) BSP	5-120 l/min free flow	1,0 (10) MPa (bar)	1" (F) BSP
25052	Digital inline-meter G1/2"(f) PVC	1 - 50 l/min free flow	3,0 (30) MPa (bar)	1/2" (F) BSP
25051	Digital inline-meter G1/2"(f) stainless steel	1 - 50 l/min free flow	10 (100) MPa (bar)	1/2" (F) BSP



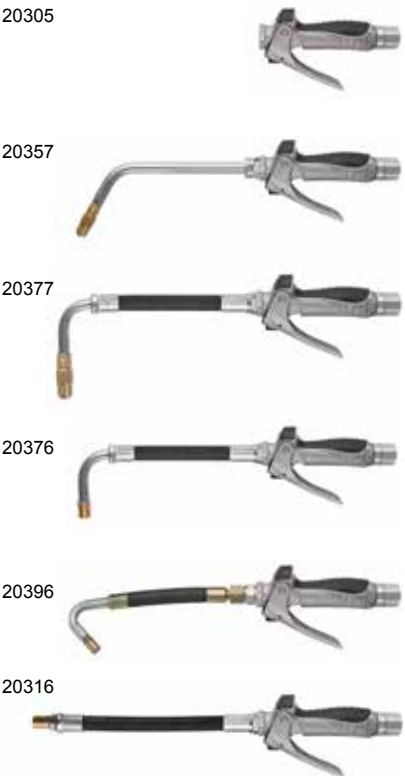
Oil control valve

Control valves made of aluminum with large flow capacity. Ball bearing swivel and built in strainer.

Technical data

Capacity 40 l/min free flow
Maximum working pressure 10 (100) MPa (bar)
Connection 1/2" (F) BSP

Part No	Model
20305	Oil control valve without outlet tube 1/2" (F) BSP
20357	Oil control valve, 60° pipe, manual non-drip nozzle 1/2" (F) BSP
20377	Oil control valve 90° hose manual non-drip 1/2" (F) BSP
20376	Oil control valve 90° hose automatic non-drip 1/2" (F) BSP
20396	Oil control valve 135° hose automatic non-drip 1/2" (F) BSP
20316	Oil control valve, straight hose, automatic non-drip nozzle 1/2" (F) BSP



Outlet hoses and accessories for above oil control valve

Thread for non-drip: G1/4"

Part No	Model	Connection
2285470	Rigid outlet 60° manual non-drip	1/2" (M) BSP
2285479	Rigid outlet 60° Automatic non-drip	1/2" (M) BSP
2285471	Hose outlet 90° oil automatic non-drip	1/2" (M) BSP
2285472	Hose outlet 90° oil manual non-drip	1/2" (M) BSP
2285473	Hose outlet straight oil automatic non-drip	1/2" (M) BSP
2285474	Hose outlet straight mouldable with manual non-drip nozzle	1/2" (M) BSP
2285475	Hose outlet 135° oil automatic non-drip	1/2" (F) BSP
2145895	Adaptor G1/2(m) - G1/2"(m) with washer for use to connect outlets.	1/2" (M)-(M) BSP
2246122	Inlet swivel G1/2"(f)-M24(m)	1/2" (F)-(M) BSP
24556	Non-drip nozzle. Fully automatic opening and closing	1/4" (F) BSP
24557	Non-drip nozzle. Lockable. Opened and closed manually by 90° turn	1/4" (F) BSP
2455000	Set of four color coded protectors	

2285470



2285471



2285472



2285473



2285474



2285475



2145895

2246122



24556



24557



2455000



Control valve high-flow

High volume oil control valve for high flow of lubricants. Two-valve operation. Lockable trigger. Ball bearing swivel. Rigid outlet with semiautomatic non-drip nozzle.

Part No	Capacity	Maximum working pressure	Connection
24567	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP
24568	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP

24567



24568



Digital hose end meter high-flow

Part No	Capacity	Maximum working pressure	Connection
24756	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP
24757	70 l/min free flow	10 (100) MPa (bar)	3/4" (F) BSP

24756



24757



Mechanical hose end meter

Very robust rotary-piston type Hose End Meter including swivel, valve handle, inlet strainer, outlet hose and non-drip nozzle.

24792

Functions:

- Resetable trip meter
- Non-resetable 5 digit totaliser display
- Accuracy +/- 0,65%
- No batteries required, environmental friendly
- Trigger can be locked in open position
- Scale 0-10L

Technical data

Media Oil/Glycol
Capacity 2 - 20 l/min free flow
Maximum working pressure 10 (100) MPa (bar)
Connection 1/2" (F) BSP

Part No	Model
24792	Mechanical hose end meter with outlet hose and automatic non-drip 1/2" (F) BSP
24793	Mechanical hose end meter with formable outlet hose and lockable manual non-drip nozzle 1/2" (F) BSP



Pre-set mechanical hose end meter

Very robust rotary-piston type Hose End Meter including swivel, valve handle, inlet strainer, outlet hose and non-drip nozzle. For automatic operation set the dial pointer to the quantity needed, actuate the trigger for automatic latching and the valve will deliver exactly the volume required and then shut off.

Functions:

- 5 digit display
- Resettable trip meter
- Non resettable totaliser
- Accuracy ±0,65%
- No batteries required, Environment friendly
- Scale 0-60L

Technical data

Capacity 2 - 30 l/min free flow
Maximum working pressure 10 (100) MPa (bar)
Connection 1/2" (F) BSP

Part No
24797



Digital hose end meter

Functions:

- For measuring oil and glycol
- 5 digit display
- Resettable trip meter
- Non resettable totaliser
- Easy calibration (accuracy $\pm 0,5\%$)
- Simple battery change
- Trigger lock
- Fluid compability: All types of mineral and synthetic lubricants up to 140SAE (5-5.000 mPa/s)
- Battery: 2 x LR03 Alkaline - 7.000 hours average life

Technical data

Capacity	1 - 30 l/min free flow
Maximum working pressure	10,0 (100) MPa (bar)
Accuracy	0,5 % $\pm$
Connection	1/2" (F) BSP

Part No	Model
20300	Digital hose end meter without outlet hose 1/2" (F) BSP Oil/Glycol
20371	Digital hose end meter with 90° hose, automatic non-drip 1/2" (F) BSP Oil/Glycol
20372	Digital hose end meter with 90° hose, manual non-drip 1/2" (F) BSP Oil/Glycol
20352	Digital hose end meter with 60° pipe manual non-drip 1/2" (F) BSP Oil/Glycol
20391	Digital hose end meter with 135° hose, automatic non-drip nozzle 1/2" (F) BSP Oil/Glycol
20322	Digital hose end meter with formable hose, manual non-drip nozzle 1/2" (F) BSP Oil/Glycol

20300



20371



20372



20352



20391



20322



Outlet hoses and accessories for 203XX

Thread for non-drip: G1/4"

Technical data

Connection 1/2" (M) BSP

Part No	Model
2285470	Rigid outlet 60° manual non-drip
2285479	Rigid outlet 60° Automatic non-drip
2285471	Hose outlet 90° oil automatic non-drip
2285472	Hose outlet 90° oil manual non-drip
2285473	Hose outlet straight oil automatic non-drip
2285474	Hose outlet straight mouldable with manual non-drip nozzle
2285475	Hose outlet 135° oil automatic non-drip
2145895	Adaptor G1/2(m) - G1/2"(m) with washer for use to connect outlets.
2246122	Inlet swivel G1/2"(f)-M24(m)
24556	Non-drip nozzle. Fully automatic opening and closing
24557	Non-drip nozzle. Lockable. Opened and closed manually by 90° turn
2346077	Battery 1,5 V (Alkaline), type LR03/AAA
2455000	Set of four color coded protectors

2285470



2285471



2285472



2285473



2285474



2285475



2145895

2246122



24556



24557



2455000



Preset digital hose end meter

Digital pre-set oil/antifreeze meter, featuring a mechanism which, when activated, automatically shuts off the valve when the desired volume is reached. Can be used with oil or antifreeze.

- Simply and intuitive to use, it has a large display with 6 buttons
- Ergonomic four finger trigger with lock function
- Powered by 4 AA-batteries
- Light and robust, handle is made of cast aluminium and the display is surrounded by shock resistant TPE
- Several models with different outlets available to suit every application

Technical data

Capacity 0,8-30 l/min free flow
Maximum working pressure 10,0 (100) MPa (bar)
Connection 1/2" (F) BSP

Part No	Model
20400	Digital hand meter pre-set without outlet hose 1/2" (F) BSP Oil/Glycol
20422	Digital hand meter pre-set with malleable hose, manual non-drip 1/2" (F) BSP Oil/Glycol
20452	Digital hand meter pre-set with 60° outlet tube, manual non-drip 1/2" (F) BSP Oil/Glycol
20471	Digital hand meter pre-set with 90° outlet hose, automatic non-drip 1/2" (F) BSP Oil/Glycol
20472	Digital hand meter pre-set with 90° outlet hose, manual non-drip 1/2" (F) BSP Oil/Glycol
20491	Digital hand meter pre-set with 135° outlet hose, automatic non-drip 1/2" (F) BSP Oil/Glycol



Volume meter MID approved

Includes valve with meter, swivel, inlet filter, battery. For markets / applications where MID approval (Metering Instrument Directive) is required.

Technical data

Maximum working pressure 7,0 (70) MPa (bar)
Accuracy 0,3 % ±
Connection 1/2" (F) BSP

Part No
24715



Batteries

Part No	Model
2346078	Battery 1,5 V (Alkaline), type LR6/AA
2346077	Battery 1,5 V (Alkaline), type LR03/AAA

2346078

2346077



Drip holsters

To protect hose end meters and control valves when not in use and to collect any drips.

Part No	Model
29090	Drip holster. Standard
29086	Drip holster with separate drip container.
29096	Drip holster with separate drip container.
29055	Drip holster for drums



Digital line meter for oil, glycol & diesel

Functions:

- For oil and glycol (meters 25055 and 25057 also for diesel)
- 5 digit display
- Resettable trip meter
- Non resettable totaliser
- Easy calibration (accuracy 0,5%)
- Simple battery change
- Battery: 2 x LR03 Alkaline - 7.000 hours life time

Technical data

Accuracy 0,5 % ±

Part No	Model	Capacity	Maximum working pressure	Connection
25050	Digital inline meter G1/2"(f) aluminium	1 - 20 l/min free flow	10,0 (100) MPa (bar)	1/2" (F) BSP
25051	Digital inline-meter G1/2"(f) stainless steel	1 - 50 l/min free flow	10 (100) MPa (bar)	1/2" (F) BSP
25052	Digital inline-meter G1/2"(f) PVC	1 - 50 l/min free flow	3,0 (30) MPa (bar)	1/2" (F) BSP
25055	Digital inline meter G3/4"(f) aluminium	8 - 80 l/min free flow	7,0 (70) MPa (bar)	3/4" (F) BSP
25057	Digital inline meter G1"(f) aluminium	8 - 80 l/min free flow	10,0 (100) MPa (bar)	1" (F) BSP

25050



25051



25052



25055



Line meter, mechanical for oil or glycol

Functions:

- Resettable trip meter
- Non resettable totaliser
- Accuracy ±0,65%
- No batteries needed
- Scale 0-10L

Technical data

Maximum working pressure 10 (100) MPa (bar)

Accuracy 0,65 % ±

Connection 1/2" (F) BSP

Part No	Media
24778	Oil
24779	Glycol

24778



Pulse meter for oil, glycol & diesel

Line meter with pulse transmitter output. Only for connection to monitoring systems (OriLink® / NEX-U-®). Equipped with connection terminal and reel open indication light. This meter does not have a display or function buttons.

Technical data

Media Oil/Glycol

Maximum working pressure 6,0 (60) MPa (bar)

Accuracy 0,5 % ±

Part No	Capacity	PPU	Material	Connection
25060	1 - 30 l/min free flow	328	Aluminium	1/2" (F) BSP
25065	8 - 80 l/min free flow	109	Aluminium	3/4" (F) BSP

25060



25065



Integrated meter module

Compact integrated meter unit with oval gear meter, solenoid valve and strainer. Can be ordered with 5 m pre-assembled cable.

Technical data

Media	Oil
Capacity	30 l/min free flow
Maximum working pressure	10 (100) MPa (bar)
Voltage	24 V DC
Accuracy	0,5 % ±
Connection	1/2" (F) BSP

Part No	PPU	Cable length
29830	328	- m
29831	328	5 m



Pulse meter for windscreen fluids & AdBlue®

Line meter with pulse transmitter output. Only for connection to monitoring systems (OriLink® / NEX·U®). Equipped with connection terminal and reel open indication light. This meter does not have a display or function buttons.

Technical data

Media	Windscreen fluid/AdBlue®/Fluids
Capacity	1 - 50 l/min free flow
Accuracy	0,5 % ±
Connection	1/2" (F) BSP

Part No	Maximum working pressure	PPU	Material
25061	6,0 (60) MPa (bar)	328	Stainless steel
25062	3,0 (30) MPa (bar)	320	PVC



Pulse meter for oil, glycol & diesel

Line meter with pulse transmitter output. Only for connection to monitoring systems. This meter does not have a display or function buttons.

Technical data

Maximum working pressure	70 (700) MPa (bar)
PPU	1100

Part No	Capacity	Connection
14745	2500 gr/min	1/8" (F) BSP



10 Monitoring

NEX·U®	146
Dosing equipment.....	156
OriLink®	156
Meter units.....	160
Monitoring equipment.....	161
Safety and protection.....	162

WHAT IS NEX-U®?

NEX-U® provides you with the control and the information you require to make your operation more profitable. You will be able to account for every drop of lubricant and other service fluid used.

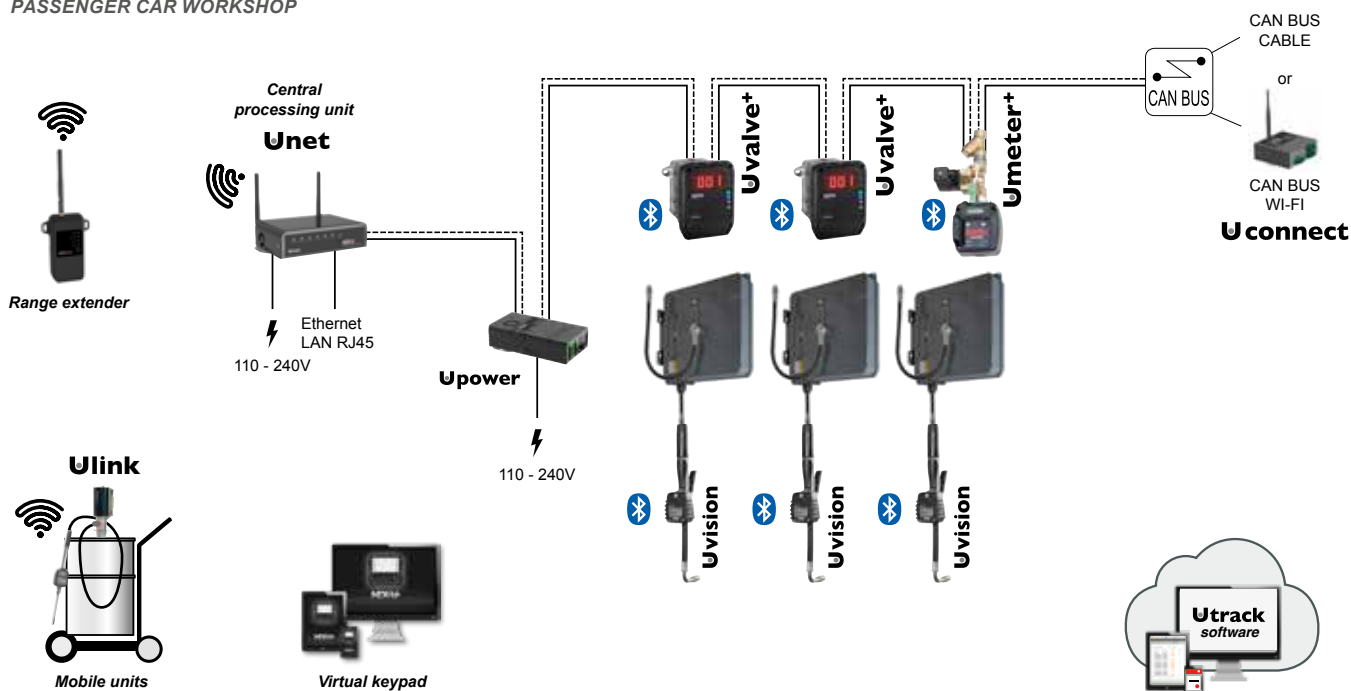
On top of this, you will carry an efficient inventory control, with automatic alerts and fluid reordering when needed, eliminating operations downtime.

For almost any lubricant usage or operation size, with today's high cost for these fluids, NEX-U® quickly pays for itself. Once it is paid for, savings go right to the operation's bottom line in the form of profit, profit previously lost. NEX-U® adapts to your way of working.

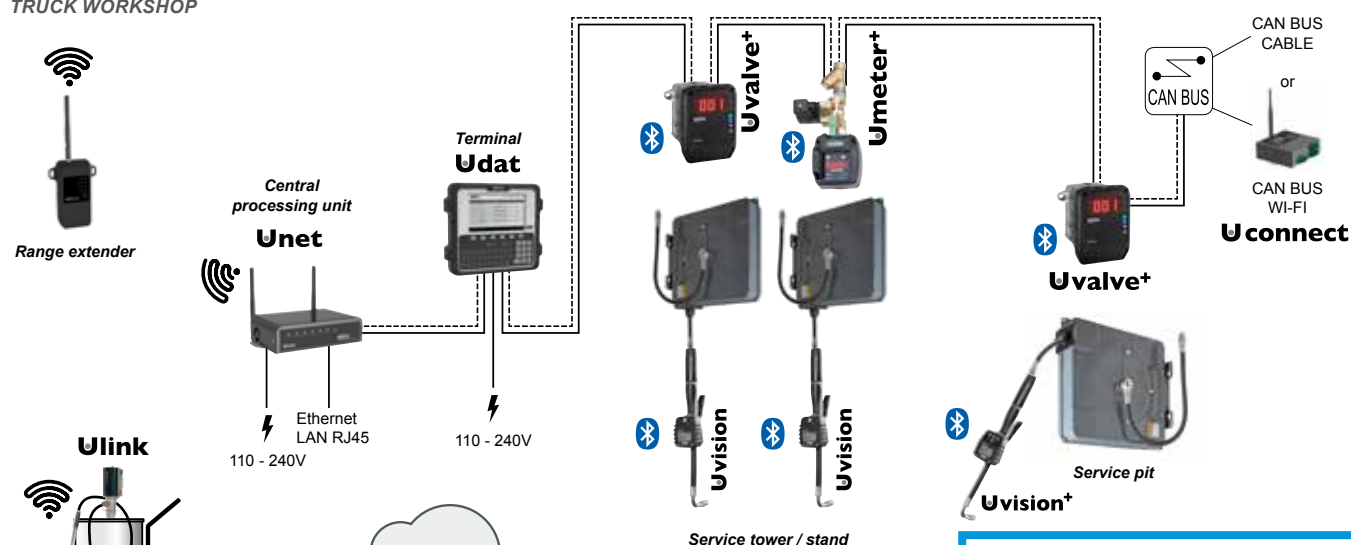
INSTALLATION EXAMPLES

NEX-U® provides maximum flexibility in the way the user interacts with the system, the most effective connection method and enhanced reporting capability.

PASSENGER CAR WORKSHOP



TRUCK WORKSHOP



NEX-U
 FLUID MANAGEMENT SYSTEM

NEX·U® is a hybrid system that brings you all the advantages of wireless flexibility and hard-wired reliability:

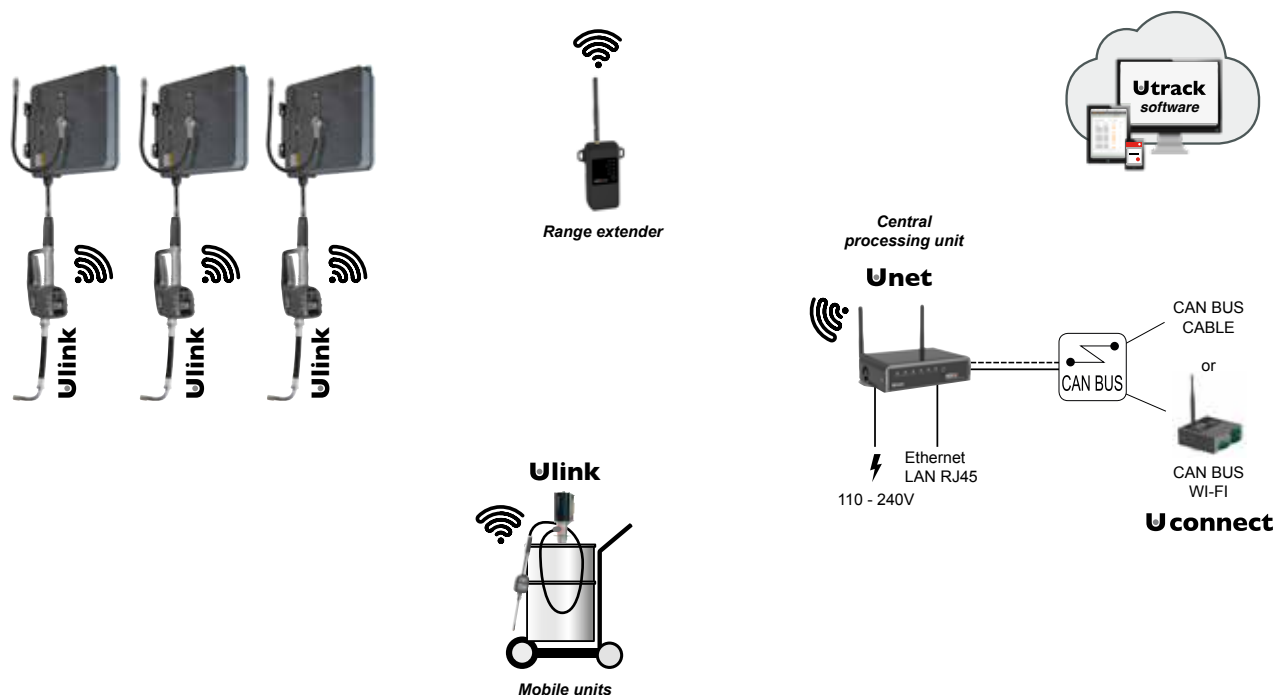
Wireless flexibility

- Data can be transmitted wirelessly among the different system components, eliminating long and expensive cable runs.
- Easily adds new components when required as your needs grow.
- System uses existing Wi-Fi® networks, simplifying its installation. No need for special, custom made, network components.

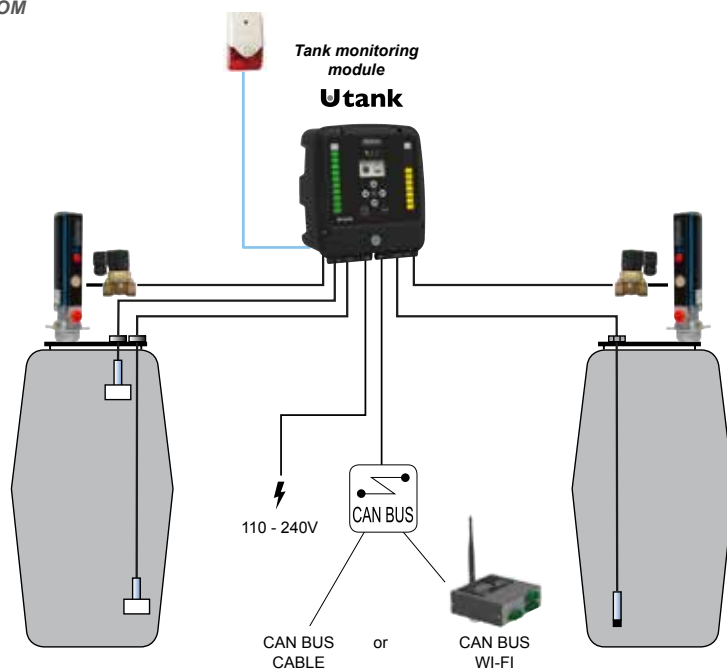
Hard-wired reliability

- A constant and reliable power source is always present to power the solenoid valves that control fluid delivery.
- No uncharged batteries to let you down.
- Hard-wired data transmission to avoid interferences and other obstacles which might interfere with wireless data transmission.

WIRELESS SYSTEM USING U-link



STOCK ROOM



NEX·U
 FLUID MANAGEMENT SYSTEM

U-net Central processing unit

U-net is the key NEX·U® component. It is the central processing unit that controls the system communications and houses the U-track software. U-net includes a powerful 2.4 GHz processor and 4 GB RAM. It controls the system functions and it manages the wired and wireless communication between the NEX·U® components. It has two CAN BUS ports (in/out) for wired communications with other NEX·U® components and an ethernet port that allows U-net to connect to the LAN.



Part No

23802

Virtual keypad

Virtual Keypad license. Converts any terminal (PC, laptop, tablet or smartphone) into a NEX·U® access Keypad.



Part No

23801

U-dat System access keypad

System Access Keypad. U-dat allows system access to technicians either through a PIN code or using a RFID card. • U-dat includes a 7" full colour graphics display and a complete QWERTY keypad. • U-dat supports CAN BUS cable communications that transmits data and power to open the solenoid valves in the system. "Plug-and-play" connectors make cabling easy. • U-dat includes the transformer required to simultaneously open up to 8 solenoid valves. • U-dat requires 110 - 240 V power supply.



Part No	Model
---------	-------

23821	NEX·U® U-dat Access Keypad 320W
-------	---------------------------------

23820	NEX·U® U-dat Access Keypad 75W
-------	--------------------------------

23887	Wall Mount bracket for NEX·U® U-dat
-------	-------------------------------------

U-vision+ Hand-held display and keypad module

U-vision+ includes a six-button keypad and it can replace the U-dat keypad for data entry in the system as it allows the following operations: • User access through PIN entry. • Scroll through existing open job orders to select the one corresponding to each operation or enter the job order number (digits only). • Enter the volume of fluid to be dispensed. • Confirm fluid type and transaction. U-vision+ has a backlight display connected using Bluetooth® with a U-valve, U-meter+ or U-count and it displays the following parameters: U-vision+ is powered with 4 "AA" 1.5 V alkaline batteries.



Part No

23831

U-valve Complete meter unit

U-valve is a compact unit combining a high accuracy pulse meter, a solenoid valve and a large cleanable fluid screen filter with an electronic module. This module is required to control the meter and valve operation and to communicate with other system components. Reduces installation time and eliminates the risk of leaks when using separate components. It has a large, high visibility LED display which shows the U-valve number assigned in the system and the U-valve operation. Four coloured LED lights that show the U-valve operation for diagnosis and two buttons for system configuration. U-valve supports CAN BUS cable communication that transmits data and the electric power required to open the solenoid valve and Bluetooth® connection to a U-vision or a U-vision+ fluid handle with display. U-valve+ includes Wi-Fi® communications for data transmission to other system components. (Requires U-power or U-power+ power supply units). • U-valve and U-valve+ require 24 V DC supplied by a U-dat or a U-power module.



Part No	Model
---------	-------

23850	NEX·U® U-valve Flow control unit with Bluetooth®
-------	--

U-meter Pulse meter with display and status indicator

High accuracy, compact pulse meter including the electronic module required to control the meter and valve operation and to communicate with other system components through CAN BUS. The meter has an LED display showing the U-meter number assigned in the system, four coloured LED lights that show the U-meter operation for diagnosis and two buttons for system configuration. Equipped with fast connection in/out CAN BUS terminals. Available in different materials and sizes to match different applications.

Part No	Model
23860	NEX-U-® U-meter Flow meter aluminium 1/2"
23861	NEX-U-® U-meter+ Flow meter aluminium 1/2" with Bluetooth®
23866	NEX-U-® U-meter Flow meter aluminium 3/4"
23862	NEX-U-® U-meter Flow meter PVC, 1/2"
23863	NEX-U-® U-meter+ Flow meter PVC, 1/2" with Bluetooth®
23864	NEX-U-® U-meter Flow meter Stainless steel 1/2"
23865	NEX-U-® U-meter+ Flow meter Stainless steel 1/2" with Bluetooth®

U-meter



U-meter+



U-count Fluid control module

U-count Fluid control module includes a high visibility LED display and the software required to function with the rest of the NEX-U-® system components. The LED display shows the number assigned in the system and four colour LED lights show the operation of the valve for diagnosis and two buttons for system configuration. U-count supports CAN BUS hard-wired communication that transmits data and power required to open the solenoid valve, for data communication with other system components and Bluetooth® to communicate with a U-Vision or U-Vision+ handle.

Part No
23836



U-pulser Pulse meter

U-pulser high accuracy in-line pulse meter. Equipped with connection terminal and valve open indication light. Only for connection to a U-count module. This meter does not have a display or function buttons and requires a 24 V DC solenoid valve.

Part No	Media	Capacity	Connection
25060	Oil/Glycol	1 - 30 l/min free flow	1/2" (F) BSP
25065	Oil/Glycol/Diesel	8 - 80 l/min free flow	3/4" (F) BSP
25062	Windscreen fluid/AdBlue®/Fluids	1 - 50 l/min free flow	1/2" (F) BSP
25061	Windscreen fluid/AdBlue®/Fluids	1 - 50 l/min free flow	1/2" (F) BSP
23868	Oil/Glycol/Diesel	10 - 80 l/min free flow	1" (F) BSP

25060



25061



25062



25065



Digital handmeter with wireless communication to U-Net. Enables monitoring of transactions via U-track. U-link can be integrated with DMS. Includes integrated solenoid valve and RFID-module. Connection: Wireless

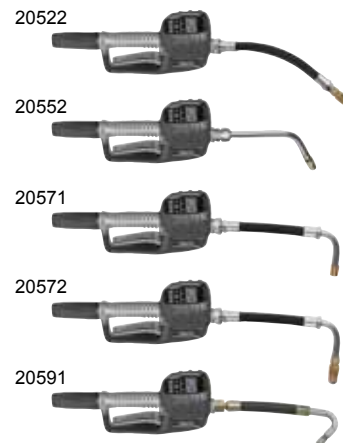
Part No
23803



Technical data

Capacity 1 - 20 l/min free flow
Maximum working pressure 7,0 (70) MPa (bar)
Connection 1/2" (F) BSP

Part No	Model
20522	NEX-U® U-link Wireless digital handmeter with formable hose and manual non-drip nozzle 1/2" (F) BSP Oil/Glycol
20552	NEX-U® U-link Wireless digital handmeter with 60° outlet pipe and manual non-drip 1/2" (F) BSP Oil/Glycol
20571	NEX-U® U-link Wireless digital handmeter with 90° hose and automatic non-drip 1/2" (F) BSP Oil/Glycol
20572	NEX-U® U-link Wireless digital handmeter with 90° hose and manual non-drip 1/2" (F) BSP Oil/Glycol
20591	NEX-U® U-link Wireless digital handmeter with 135° hose and automatic non-drip 1/2" (F) BSP Oil/Glycol

**Mobile oil dispenser with U-link wireless hose end meter**

Consists of an oil pump 22805, 1/2" oil hose (3m) with hose end meter 20571 and drum trolley 28645.

Technical data

Dimension 1200 x 820 x 600 mm

Part No
22190

**NEX-U® Pro extender**

Used to extend the range between the existing wireless connection between U-link and U-net.

Technical data

Voltage 230 V AC

Part No
23804

**Data connection between OriLink® and NEX-U® U-link**

Software to integrate U-Net and U-link into existing OriLink® installations. The integration enables you to initiate a dispense from the regular OriLink® terminal and then use the U-link to perform the dispense from, for example, a mobile dispensing unit.

Part No
23792



NEX·U·® Compact

NEX·U·® also offers solutions to smaller workshops where web based software is not needed. NEX·U·® COMPACT is a simple system based in a special U·dat keypad that is able to control a maximum of 8 dispensing points. The Keypad includes a 7" colour screen and a simplified version of the U·track software. The software included provides workshops with: • Full control of bulk stored fluid usage. • Inventory control using declining balance method. NEX·U·® Compact will give a warning signal once a certain inventory is reached, and restricts access to those outlets that have run out of inventory. • Ability to generate full reports in CSV format that can provide useful management information.

Part No	Model
23822	NEX·U·® Compact Access Keypad 75W
23823	NEX·U·® Compact Access Keypad 320W



NEX·U·® Mobile

Fluids in service trucks require similar controls to those in any service centre. NEX·U·® MOBILE allows fluid inventory and usage control in mobile service trucks. A special U·dat keypad module, which includes the software required for an autonomous operation, can control up to a maximum of 8 fluid outlets. Completed transactions can be saved to a USB memory stick in an Excel format. Requires external 24VDC power.

Part No
23824



U·vision Display

Hand-held display module to fit a Orion oil control handle. Includes a backlight display connected via Bluetooth® with a U·valve, U·meter+ or U·count module and it displays the following parameters: • Hose reel (fluid outlet number and fluid dispensed type). • Battery life and Bluetooth® signal strength. • Volume delivered and operation progress. • Solenoid valve open or closed.

Part No
23830



U·view Display

Remote, high visibility, LED display that shows the volume delivered through various U·valves (no simultaneous operation supported). U·view supports Wi-Fi® and hardwired communication. U·view requires hard-wired connection (data and power) to a U·dat keypad or to a 110 - 240 V AC power supply using a 24 V DC external transformer (U·power or U·power+).

Part No
23835



U-tank Tank level monitor module

It is a monitor module capable of controlling two tanks using digital or analogical level gauges. Can be connected to solenoid valves (max 2 pcs) to control pump operation, and to external warning devices. U-tank has two independent graphic displays and level bars. Each of them shows the inventory available in each tank. It also has a set-up keypad for inventory adjustment if required. It requires a 110 -240 V AC supply.



Part No

23829

U-meter and solenoid valve kits

U-meter and solenoid valve kits include a high precision U-meter or U-meter+ meter, a solenoid valve and a Y-strainer.

Part No Model

23870	NEX·U-® Line meter kit for oil & antifreeze
23871	NEX·U-® Line meter kit for oil & antifreeze with Bluetooth®
23872	NEX·U-® High volume line meter kit for oil & antifreeze
23874	NEX·U-® Line meter kit for diesel
23875	NEX·U-® Line meter kit for AdBlue®
23876	NEX·U-® Line meter kit for Adblue® with Bluetooth®
23877	NEX·U-® Line meter kit for windscreen wash
23878	NEX·U-® Line meter kit for windscreen wash with Bluetooth®



Solenoid valves for fluids

NEX·U-® requires 24 V DC, normally closed solenoid valves to operate. U-valve and U-valve+ include a solenoid valve. For other metering elements, a solenoid valve compatible with the fluid and the application requirements must be used.

Part No	Media	Connection
28127	Oil/Glycol/Diesel	1/2" (F) BSP
28304	Oil/Glycol/Diesel	1" (F) BSP
28327	AdBlue®	1/2" (F) BSP
38041	Waste oil	1 1/2" (F) BSP

28127



28327



28304



38041



Solenoid valves for air - pump control

Part No	Model	Classification	Connection
48081	Solenoid valve 24V DC for air G1/2"(f).	-	1/2" (F) BSP
48059	Solenoid valve 24V DC for air G1/4"(f)	-	1/4" (F) BSP
48080	Solenoid valve 24V AC/DC Ex for air G1/4"(f). ATEX	ATEX	1/4" (F) BSP

48059



U-power Power supply

Power supply to solenoid valves and other system components. U-power connects using CAN BUS cable to a U-valve, U-valve+, U-meter, U-meter+, U-count or U-view whenever the power supplied by a U-dat keypad is not present.

Part No Model

23826	NEX·U-® U-power Power supply 75W
23827	NEX·U-® U-power+ Power supply 320W
23828	NEX·U-® U-power+ Power supply 320W, 3 CAN bus connectors



U-connect CAN BUS to WiFi converter

U-connect allows wireless communication among the different components of the system. Equipped with an external antenna, it allows for extended signal coverage. It can be configured from a Windows or Android application.

Part No
23881



U-valve Brackets

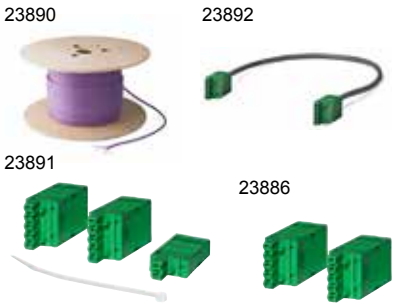
Allow fixing U-valve on top of a hose reel stand (92190).

Part No
23882



Cables

Part No	Model
23890	NEX-U-® CAN bus cable
23890M25	NEX-U-® CAN bus cable, 25 meter roll
23890M50	NEX-U-® CAN bus cable, 50 meter roll
23890M125	NEX-U-® CAN bus cable, 125 meter drum
23890M250	NEX-U-® CAN bus cable, 250 meter drum
23892	NEX-U-® CAN bus jumper cable 0,5m
23893	NEX-U-® CAN bus jumper cable 1,0m
23891	NEX-U-® U-meter Connectors set
23886	NEX-U-® U-Valve Connectors set



Tank monitoring accessories

Part No	Model
23883	NEX-U-® Remote flash and acoustic alarm
23197	Power supply unit with relay for waste oil pumps, enclosed 24VDC 5A - 230V, used when there are more than 2 waste oil solenoid valves in the system.



Tank level switch, 60, 200 l drums & 1.000 l containers

24 V DC 1 A.

Part No	Media	Thread	Length	Stop level	Alarm level
23171	Oil/Glycol	3/4" (M) BSP	1080 mm	30 mm	- mm
23183	Windscreen fluid/Degreaser	3/4" (M) BSP	1080 mm	30 mm	- mm
23191	Oil/Glycol	3/4" (M) BSP	1080 mm	30 mm	300 mm
23192	Windscreen fluid/AdBlue®/Fluids	3/4" (M) BSP	1080 mm	30 mm	300 mm
2330287	Oil/Glycol/Diesel	2" (M) BSP	5000 mm	20 mm	- mm
23193	Oil/Glycol	1" (M) BSP	2000 mm	35 mm	300 mm



Level switch, waste oil

For control of waste oil tank level. Equipped with two switch levels. Other levels possible on special request. The body is equipped with a terminal strip for the connection of cables, as well as a cable strain relief.

Part No	Thread	Stop level	Alarm level
23132	2" (M) BSP	150 mm	300 mm
23154	2" (M) BSP	300 mm	450 mm



Analogue level sensor

Self calibrated against the surrounding air pressure. To be connected to the OriLink® or NEX·U·® each respective tankmodule.

Part No	Media	Height
23417	Oil/Glycol	<4 m
23435	Oil/Glycol	<0,9 m
23437	Windscreen fluid	<3,5 m



OriLink®

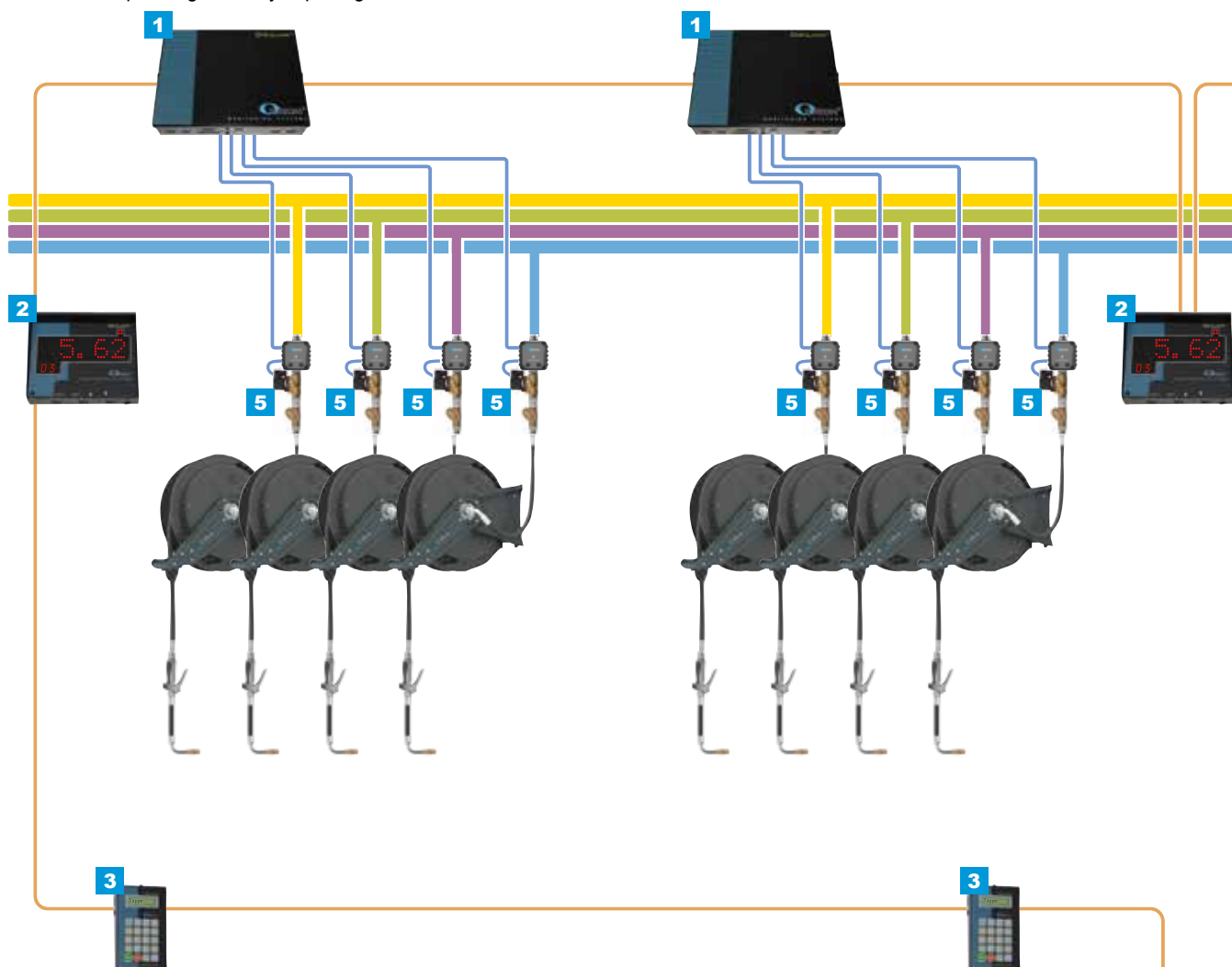
POWERFUL FLUID MONITORING SYSTEM

WHAT IS ORILINK?

OriLink® is an advanced monitoring system without restrictions regarding number of dispense points, fluid grades or number of simultaneous dispenses. An overview of the workshop oil system layout is presented as miniatures on the screen where all activities are graphically visible in real time. Comprehensive management reports can be obtained by using the advanced report engine, or by exporting data.

FIVE QUICK FACTS

- Income loss due to incorrect stock control of fluids is often neglected
- All workshops have unaccounted fluid loss
- Average fluid loss is about 10%
- When the fluid loss is discovered it has already affected income
- Better control of fluids leads to higher profit



EXPLANATION

POS	PART NO	ITEM NAME	DESCRIPTION
1	23400	OriLink® Main Dispense Module	Measures, opens and closes fluid dispenses by connected meter & solenoid (max 4 per module)
2	23404	OriLink® LED Display	Shows filled volume (or tank volume)
3	23401	OriLink® Keypad	Used to open system by PIN number and Workorder number
4	23403	OriLink® PC Interface	Connects system to PC and enables DMS/ERP integration
5	SPEC2290*	Meter and solenoid valve kit	Measures and opens/closes dispense
6	23408/23430	OriLink® Tank module	Controls tank switches/sensors and air solenoid valves to pumps (max 4 per module)
7	48059*	Air solenoid valve	Open and closes air supply to pump
8	23417*	Level sensor	Monitors tank levels and prevents pumps from running dry
	23393*	Signal cable	Connects meter and solenoid valves to dispense or tank module
	23411	Communication cable	Connects modules in a serial loop as a controlled system

* Several models available. Choose the correct model based on application.

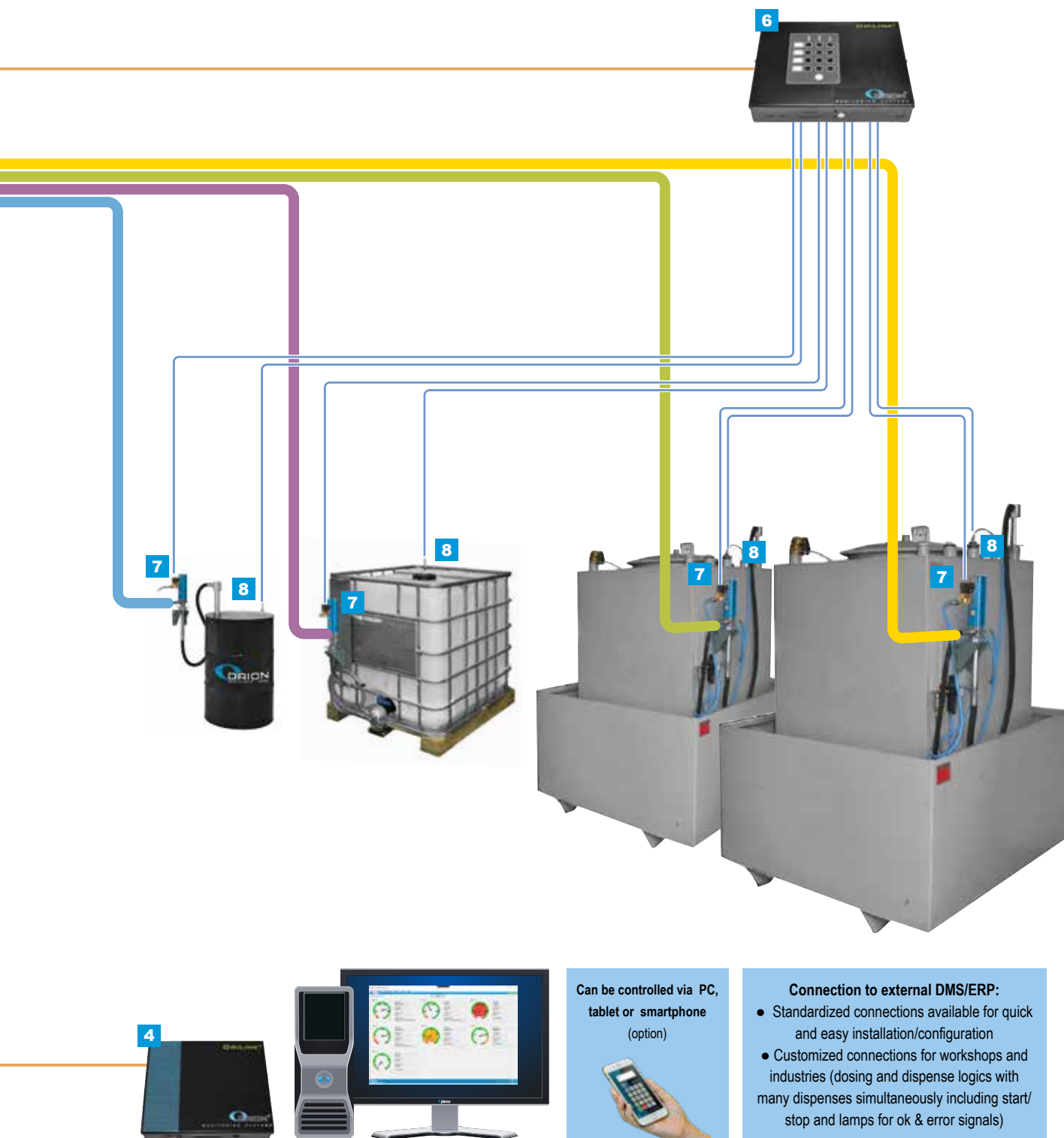
FOR INCREASED PROFITABILITY IN WORKSHOPS AND INDUSTRIES

WHY DO YOU NEED A FLUID MONITORING SYSTEM?

Why are not oil and expensive fluids handled as other spare parts?
 Can YOU be sure that your current system correctly invoices every litre of oil?

Example: a workshop consumes 300 litres of oil per month. Based on a sales price of € 25/litre the yearly turnover is € 90000.

The maximal profit will only occur IF all oil is accounted and invoiced for. This example highlights that every litre of oil that is not invoiced is a loss of € 25.



Can be controlled via PC,
 tablet or smartphone
 (option)



Connection to external DMS/ERP:

- Standardized connections available for quick and easy installation/configuration
- Customized connections for workshops and industries (dosing and dispense logics with many dispenses simultaneously including start/stop and lamps for ok & error signals)

Dosing equipment, industry

A high performance wall mounted pre-set dispense unit for industrial use that helps you to accurately fill objects with the correct amount of fluid. It reduces the amount of key/button input to obtain the required volume and removes the measuring tool from the floor and other hazardous areas. The mains powered unit eliminates the need for battery replacement. It can be used for a wide variety of products that needs to be dispensed accurately and can be connected to an OriLink® monitoring system if further functionality is needed at a later time.

Power supply Industrial; 110-230 VAC 50/60Hz,

Solenoid valve output: 24 V DC max. 1 A

Solenoid short-circuit protection

PPU: 1-6553

Calibration: using buttons (or from OriLink® keypad or Neighbourhood)

Pre-set: adjust using buttons (or from OriLink® keypad)

Number of pre-sets: 16

Number of decimals: 0, 1, 2, 3, 4 or AUTO

Additional

Optional button support fast dispense pre-set 1, 2, 3 and 4 (not included).

Expansion possibilities, fully compatible with OriLink®, can be equipped with clock module 23405



Part No

23455

Dosing equipment, automotive

Box: Black steel powder painted with polystyrene overlay. Painted metal.

Buttons: Lacquered metal.

23457



Part No

23457

Multi point dispense module (MPDM)

Each MPDM has connections to control up to four or eight solenoid valves and is equipped with a key switch with normal operation, emergency over-ride and On/Off functions. Suitable for meter units with flow direction function. 230 V AC power supply required.

Technical data

Voltage 230 V AC



Part No	Meter	Power consumption
23400	4 pce	0,63 A
23399	8 pce	1,26 A

Approvable multi point dispense module (MPDM)

Each MPDM has connections to control up to four solenoid valves and is equipped with a key switch with normal operation, emergency over-ride and On/Off functions. Has a built in printer modul for storage of transactions and local outprints. 230 V AC power supply required



Part No

23600

Keypad, standard

To be installed in the workshop in order to give the operator access to the system using a personal ID-code. 2 x 16 signs window, 20 buttons display.

Part No	Model
23401	Keypad
23441	Terminal, Panel Mounted.
23442	Key Pad for external reader
23261	Transparent protection cover for keypad 23401 and 23442
23260	Wall bracket for keypad



Keypad with built in LED display

Compact unit with terminal and LED display for viewing dispenses from a distance.

Part No
23438



Web app Keypad

Enables increased flexibility, mobility and efficiency by initiating OriLink® dispenses from a web capable device such as a smartphone, tablet or computer web browser. Using the web app keypad enables a workshop to omit installing regular keypads and only use the own internal IT components, regardless of platform, to perform fluid dispensing operations using OriLink®.

Part No
23432



Printer module

With the printer module it is possible to connect a printer to the system (Model 23354). When the system has no PC (Program 23414) the information is stored in the printer module. Maximum 912 transactions, 32 users and 8 tanks can be stored. A system can have more than one printer module where there is a need for more than one ticket printer.

Part No
23402



Communication adapter/PC-interface

For connecting the system to a PC. Can also be used as a line amplifier when the communication cable is longer than 2.000 metre.

Part No	Model
23403	PC Interface
2330049	Adaptor RS232-USB 2.0 incl. cable



Professional program license

PC database with report functions. Must be installed when the system is to be connected to an ERP system or when several printers are used.

Part No
23414

OriLink® Pro License



LED display

Display with 40 mm digits. Displays the dispensed volume. When equipped with a clock module or PC-connected it shows the actual time when the system is not in use. One extra port for a solenoid valve. Can be used as tank level display together with 23408 or 23430.



Part No
23404

Tank LED volume display

Display with 40 mm tall numbers. Displays the volume in the tanks. Programmable display time per tank. With function buttons you can also manually select the tank to view.



Part No
23429

Tank module

The tank module has four connections for controlling air solenoid valves to start and stop the pumps and can also work together with a low level or low and re-order level sensor. Is equipped with a key switch with normal operation, emergency override and On/Off functions. Controls waste oil solenoid valves plus the re-order warning on the PC. This module only works together with PC software 23414. 230 V AC power supply required.



Technical data

Voltage 230 V DC

Part No	Power consumption
23408	0,8 A

Clock module

Can be mounted in a printer module or LED display for showing the actual time, when the system is not in use. Maximum one per system. Not required when a PC is included in the system.



Part No
23405

Bar code reader

Complete laser reader for both hand held and bracket mounted bar code reading. Reads all one dimensional codes. Supplied with trigger, cable, net adapter (230 V AC) and a bracket.



Part No
23407

Card reader

Can read all the three tracks on the magnetic strips according to the ISO-standard. Cable and net adapter (230 V AC) are included.



Part No
23409

Tag reader (RFID)

RFID reader which connects to a Keypad (23442). Enables wireless tag/RFID/MIF card reading.



Part No
23445

Serial port Kit

To connect the Bar Code or the Card readers to the Keypad (23401). Included in Keypad 23442.

Part No
23415



Serial port splitter

Allows you to connect two serial port readers to a terminal at the same time, such as a magnetic card reader and a barcode reader.

Part No
23448



Ticket printer

Parallel printer SP700. Delivered complete with cables, paper and ribbon, ready for connection to the system. (230 V AC)

Part No	Model
23354	Ticket printer.
23377	Spare ink ribbon for 23354 (SP700)
23334	Spare ticket roll for 23354 (SP200, SP700)
23335	Spare ink ribbon for 23354 (SP200)



Pulse converter 4-20mA to PPU

Transforms an incoming 4-20mA analogue signal to two phase-offset pulse output, suitable for OriLink®. Can be used for dosing / measuring by using 4-20mA sensors. For example weight, pressure or length. Power supply 24VDC

Part No
23165



Communication cable

Two twisted pairs, each pair shielded 4-core 0,36 mm². Use between 23400 - 23408, 23430 and 23600.

Part No	Length
23411M50	50 m
23411M100	100 m
23411M250	250 m
23411M500	500 m



Control cable

Use between MPDM and meter/solenoid valve.

Part No	Model	Length
23393M50	Control cable 50 m ring, used between sensors and monitoring systems. 4-core 0,5 mm ²	50 m
23393M100	Control cable 100 m, used between sensors and monitoring systems. 4-core 0,5 mm ²	100 m
23393M250	Control cable 250 m, used between sensors and monitoring systems. 4-core 0,5 mm ²	250 m
23393M500	Control cable 500 m, used between sensors and monitoring systems. 4-core 0,5 mm ²	500 m
23412M50	Control cable., 5x0,5mm ² 50 metre Roll	50 m
23412M100	Control cable., 5x0,5mm ² ring 100 meter	100 m
23412M250	Control cable, 5x0,5mm ² 250 meter	250 m
23412M500	Control cable, 5x0,5mm ² 500 meter	500 m
97801	Cable Marking AI 1-25 Gk10 Yellow	
97802	Cable Marking AI 1-50 Gk10 Yellow	

23393



23412



EX cable

Between level switch and safety relay (23187) 4-core 0,5 mm²

Part No	Model	Length
23164	Cable 4X0.5 shielded	1 m



Integrated meter module

Compact integrated meter unit with oval gear meter, solenoid valve and strainer. Can be ordered with 5 m pre-assembled cable.

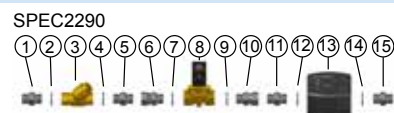
Part No	Capacity	Maximum working pressure	PPU	Cable length	Accuracy	Connection
29830	30 l/min free flow	10 (100) MPa (bar)	328	- m	0,5 % ±	1/2" (F) BSP
29831	30 l/min free flow	10 (100) MPa (bar)	328	5 m	0,5 % ±	1/2" (F) BSP



Line meter kit for oil, glycol

Line Meters with solenoid valves. Indicates open valve. Strainer part no 28022 included in SPEC2290.

Part No	Maximum working pressure	PPU	Meter	Connection
SPEC2290	5 (50) MPa (bar)	328 l	25060	1/2" (M)-(M) BSP
SPEC2294	5 (50) MPa (bar)	328 l	24738KRÖNT	1/2" (M)-(M) BSP
SPEC2293	2,5 (25) MPa (bar)	109 l	25065	3/4" (M)-(M) BSP



Line meter kit for windscreen wash, detergents and AdBlue®

Line Meter with solenoid valve. Indicates open valve.

Technical data

PPU	328 l
Material	Stainless steel
Connection	1/2" (M)-(M) BSP

Part No	Media	Maximum working pressure
SPEC7291	Windscreen fluid/Degreaser	5 (50) MPa (bar)
SPEC7293	AdBlue®	1 (10) MPa (bar)



Line meter kit for diesel

Line Meter with solenoid valve. Indicates open valve.

Part No	Maximum working pressure	PPU	Connection
SPEC2292	1,0 (10) MPa (bar)	109 l	3/4" (M)-(M) BSP



Line meter kit for grease

Meter kit with solenoid valve.

Part No	Maximum working pressure	PPU	Connection
SPEC1290	30 (300) MPa (bar)	1450	1/4" (M)-(M) BSP



Tank level alarm

Reversible float to allow high level or low level control. Suitable for oil and diesel tanks. Alerts user when level has been reached. Low voltage, 12 V operated, no mains wiring required. Can be connected to remote visual alarm. Up to four level sensors can be connected.

Part No	Model
23449	Tank level alarm 12VDC or 230VAC. Including tank level switch



Pressure gauge/low pressure switch

Can be mounted in the outlet tubing for grease to alarm and/or shut off the pump when the pressure is too low. Will also prevent the pump from dry running in case of empty barrel. Built in pressure switch (10 MPa, 100 bar) and micro switch (max. 50 V 1A) incl. 1,5 m connection cable.

Part No	Dimension	Maximum pressure	Connection
23072	Ø 100 mm	0-60 (0-600) MPa (bar)	1/2" (M) BSP



Solenoid valves for air

For the control of oil and waste oil pumps. Normally closed (NC).

Part No	Model	Connection
48008	Solenoid valve 230V AC for air, G1/2"(f).	1/2" (F) BSP
2326260	Silencer G3/4"(m) for 48008	3/4" (M) BSP
48059	Solenoid valve 24V DC for air G1/4"(f)	1/4" (F) BSP
48081	Solenoid valve 24V DC for air G1/2"(f).	1/2" (F) BSP
48082	Solenoid valve 24V DC for air G3/4"(f).	3/4" (F) BSP
48080	Solenoid valve 24V AC/DC Ex for air G1/4"(f). ATEX	1/4" (F) BSP
2385450	Atex solenoid coil 24 V AC/DC suits 48059, 28306 and 28338	
4080050	Coil 24 V AC is suitable for eg. 28306	



Solenoid valves for fluids

For flow control. 24 V DC. Normally closed (NC).

Part No	Maximum working pressure	Connection
28127	5 (50) MPa (bar)	1/2" (F) BSP
28306	5 (50) MPa (bar)	1/2" (F) BSP
38030	50 (500) MPa (bar)	1/4" (F) BSP
28308	1 (10) MPa (bar)	3/4" (F) BSP
28304	6 (60) MPa (bar)	1" (F) BSP
28327	1 (10) MPa (bar)	1/2" (F) BSP
28333	10 (100) MPa (bar)	1/4" (F) BSP



Control panel for drum or tanks

Protects the pneumatic pumps from dry pumping and the waste oil tanks from over filling. The panel can handle 4 different pumps/tanks at the same time. On the front of the panel there are 8 lamps, one stop and one alarm per drum/tank with test button. Two levels for each drum/tank. In case of inflammable fluids, the unit must be completed with Model 23187. When need of more solenoid valves are required, use relay box (23167). The unit can be connected to the OriLink® system. (230 V AC, Solenoid Valve 24 V DC)



Part No

23430

Control panel for drum or tank

For use as a protection against overfilling or dry pumping of waste oil or washer fluid. The panel has built-in ATEX classified security barrier and lamp for stop and alarm. Supply voltage 230 V AC, 24 V DC solenoid.



Part No

23195

Start button with indicator for pumps

Spring loaded push button suitable for waste- or fresh oil pumps for having a non pressurized system when not in use. Used together with tank module or control panel (23430). Supply voltage 24 V AC/DC.



Part No

23040

Tank level switch, 60, 200 l drums & 1.000 l containers

24 V DC 1 A.

Part No	Media	Thread	Length	Stop level	Alarm level
23171	Oil/Glycol	3/4" (M) BSP	1080 mm	30 mm	- mm
23183	Windscreen fluid/Degreaser	3/4" (M) BSP	1080 mm	30 mm	- mm
23191	Oil/Glycol	3/4" (M) BSP	1080 mm	30 mm	300 mm
23192	Windscreen fluid/AdBlue®/ Fluids	3/4" (M) BSP	1080 mm	30 mm	300 mm
2330287	Oil/Glycol/Diesel	2" (M) BSP	5000 mm	20 mm	- mm
23193	Oil/Glycol	1" (M) BSP	2000 mm	35 mm	300 mm

23171



2330287

23193

Level switch, waste oil

For control of waste oil tank level. Equipped with two switch levels. Other levels possible on special request. The body is equipped with a terminal strip for the connection of cables, as well as a cable strain relief.

Part No	Thread	Stop level	Alarm level
23132	2" (M) BSP	150 mm	300 mm
23154	2" (M) BSP	300 mm	450 mm



Analogue level sensor

Self calibrated against the surrounding air pressure. To be connected to the OriLink® or NEX·U·® each respective tankmodule.

Part No	Media	Height
23417	Oil/Glycol	<4 m
23435	Oil/Glycol	<0,9 m
23437	Windscreen fluid	<3,5 m



Safety relay

This ATEX classified relay is to be installed outside of inflammable areas. It is connected between the sensor in the inflammable area and the control panel. To be used in connection with sensors for waste oil or windscreen fluids. (230 V AC)

Part No	Model
23187	Safety relay ATEX for level switch, 2 channels
23188	Safety relay ATEX for analogue level sensor 4-20mA, 2 channels



Relay box

To be used when more that two solenoid valves in the system is used for waste oil. (24 V DC), max 5A

Part No
23167



Overflow protector for tanks

Designed for connection to the over flow system of the supply tanker. Level switch with thermo element. Connection plug for mounting at filling coupling included.

Part No	Model
23163	Overflow protector oil.
23168	Overflow protector, stainless steel for eg AdBlue®

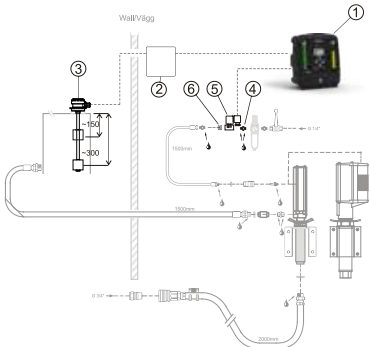


Two stage alarm equipment for waste oil

The equipment is EX-classified in accordance with waste oil handling regulations. The box can handle 6 different solenoid valves (24 V DC).

- 1 NEX·U·® Control panel 23829
- 2 Ex ia Barrier 23187
- 3 Level switch 23132
- 5 Solenoid valve 48059

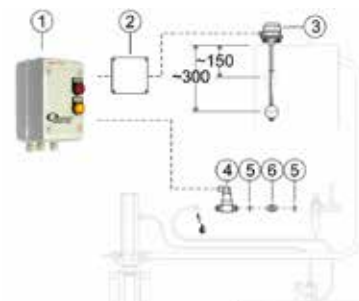
Part No
23840



Two stage alarm equipment for waste oil

The equipment is EX-classified in accordance with waste oil handling regulations. The box can handle one solenoid valve (24 V DC).

- 1 Control panel 23195
- 3 Level switch 23132
- 4 Solenoid valve 48059



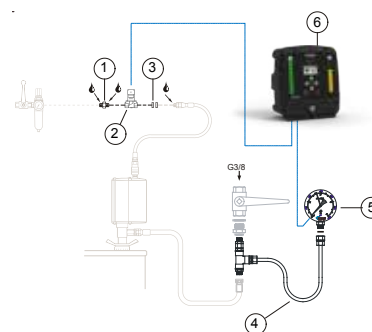
Part No

SPEC8043

Pump protection kit for grease pumps

Used to prevent the pump from keeping to pump even though the drum is empty and risking air entering the system. Pressure sensor, resistant to fluids. Equipment delivered unassembled in a kit, the major items are:

- 2 Solenoid valve, 24V DC 48059
- 4 Grease connection kit 1180033
- 5 Pressure sensor gauge 23072
- 6 NEX·U·® Control panel 23829
- Button (23043) manual start after dry pumping



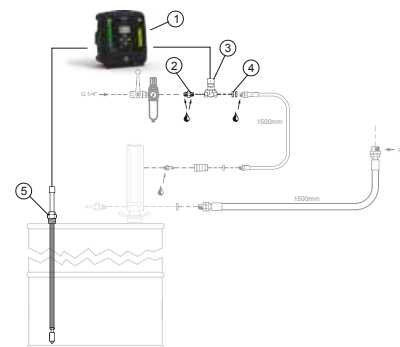
Part No

23843

Pump protection kit, oil and liquid pumps

Used to prevent the pump from keeping to pump even though the drum is empty and risking air entering the system. Level sensor made of plastic, resistant to fluids commonly supplied in 208 l drums. Equipment delivered unassembled in a kit consisting of the following:

- 1 NEX·U·® Control panel 23829
- 3 Solenoid valve, 24V DC 48059
- 5 Low level sensor 23171 (for alcohol use 23183)



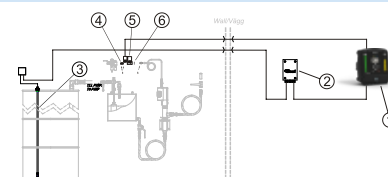
Part No

23841

Pump protection kit for pumps in EX proof areas

Used to prevent the pump from keeping to pump even though the drum is empty and risking air entering the system. Level sensor made of plastic, resistant to fluids commonly supplied in 208 l drums. Equipment delivered unassembled in a kit consisting of the following:

- 1 NEX·U·® Control panel 23829
- 2 Ex ia barrier (EEX ia) 23187
- 3 Low level sensor 23183 (for oil use 23171, not included)
- 5 Solenoid valve, 24V DC 48080



Part No

23842

11 Drum handling

Trolleys	166
Safety drum trolley.....	167
Safety pallet.....	168
Drum lift	168

Trolley for 12 kg buckets to 60 kg drums

Trolley for 12 kg to 60 kg drums with chain for holding the drum in place. Wheel diameter Ø 155 mm.

Part No	Model	Dimension
28528	Trolley for 12 kg to 60 kg drums.	300 x 390 x 1000 mm
28557	Pump bracket with G2" (f) thread Strap 2,0 meter long for small kegs/buckets.	

28557



28528



40801327



Trolley for buckets and plastic containers

Trolley for plastic containers. With tubular drum support and a clamp screw for fixing the drum. Wheel diameter Ø 160 mm.

Part No	Dimension
28527	450 x 290 x 920 mm

28527



Drum trolley for 60 kg drums

Drum trolley for 60 kg drums only. With tubular drum support and a clamp screw for fixing the drum. Two swivel castors Ø 75 mm and two Ø 160 mm wheels.

Part No	Model	Dimension
28526	Trolley for 60 kg drums.	500 x 450 x 1060 mm
28557	Pump bracket with G2" (f) thread	



28557

28526



Drum trolley for 180 kg drums

Drum trolley for 180 kg drums with three wheels, 2 large Ø 200 mm and one support wheel Ø 100 mm, which is equipped with a brake. The handle is supplied unassembled.

Part No	Model
28645	Drum trolley for 180 kg / 208 l
28651	Pump bracket for drum trolley 28645.
28652	Reel bracket for drum trolley 28645.

28645



Drum trolley heavy duty for 180 kg drums

Drum trolley for 180 kg drums with 3 wheels, 2 large tyres Ø 260 mm and one support wheel Ø 150 mm, equipped with a brake.

Part No	Model	Dimension
28646	Drum trolley for 180 kg drums. Heavy duty	785 x 800 x 900 mm
28667	Drum trolley heavy duty for 180 kg drums (solid wheels).	785 x 800 x 900 mm
28653	Reel bracket for drum trolley 28646 and 28667	

28646



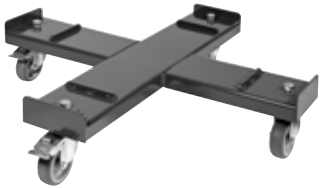
28667



Drum dolly

Dolly for Ø 400 - 600 mm diameter drums, four swivel castors, two with a brake.

Part No	For container
28482	Ø 400-600 mm



Container tipper

Container / bottle emptied safely and easily through the leverage mechanics. Suitable for 20 liter tin (Ø 300 mm) or 25 liter cans (290 x 290 mm). The tipper can be mounted on wall or floor.

Part No
92093



Drum trolley

Basic drum trolley for transporting and moving oil drums. Useful when manually handling heavy 208 litre drums.

Part No	Dimension
21110	1400 x 700 x 300 mm



Drum trolley for dusty environments

Part No	Model
25510	Protective drum cabinet and trolley for 20kg
26511	Protective drum cabinet and trolley for 50 kg



Safety drum trolley

Drum trolley for all drums up to 208 l, with two large Ø 200 mm wheels, and one swivel wheel Ø 100 mm with brake. If the drum were to start leaking, there will be no spillage on the floor or ground. When there is no area to normally park ordinary drum trolleys at the end of the day, this is the ideal solution. Perfect for service in the field in construction-, mining and marine sectors and other sensitive environments.

Part No	Volume
28390	220 l
28389	220 l



Safety drum trolley, heavy duty

Similar to 28390, heavy duty version.

Part No	Model	Volume
28391	Heavy duty safety drum trolley, air wheels	220 l
28392	Heavy duty safety drum trolley, solid wheels	220 l



Spill tray for small fluid containers

Part No	Model	Volume
21701	Spill tray for small fluid containers, small	18 l
21702	Spill tray for small fluid containers, large	35 l



Safety pallet

Safety pallet for upright drum storage, with built in spill containment. Suitable for all sizes and types of drum, the unit, which has a minimum sump capacity of 220 litre, addresses both Health and Safety and Environmental requirements.

Part No	Model	Dimension	Material
29142	Safety pallet in metal for 2 drums	1275 x 738 x 360 mm	Steel
29144	Safety pallet in plastic for 2 drums	1205 x 805 x 440 mm	Polyethylene
29149	Safety pallet low model in metal for 4 drums	2500 x 1000 x 123 mm	Steel
29145	Castor wheels and handle for 29144		
29159	Safety pallet for 1 IBC container	1650 x 1350 x 710 mm	Steel
29160	Safety pallet for 2 IBC containers	2680 x 1300 x 480 mm	Steel



Drum wrench

Part No
29251



Drum lift

Drum lift for upright oil drums. Simple to use, easy to apply. Approved for lifting up to 250 kg.

Part No
21100



Drum lift

Drum lift for lifting horizontal drums. Particularly useful when storing drums in a drum store. Approved for lifting up to 250 kg.

Part No
21108



Hydraulic drum lift

Designed to handle steel drums on safety pallets and equipped with a pedal operated hydraulic lift. Max lift height 650mm. Dimensions: width 1045 mm, min height 1340 mm, max height 1840 mm, Lifting weight max 250kg

Part No	Height
28666	1340-1840 mm



12 Exhaust equipment

Spring operated exhaust reels.....	172
Electric driven exhaust reels.....	173
Exhaust hoses.....	175
Basic exhaust extraction.....	178
Exhaust rails.....	179
Exhaust nozzles.....	180
Starter, control units.....	182
Extraction arms.....	184
Fans.....	185

Spring operated exhaust reel for max. 7,5 m Ø 100 mm hose (4")

For mounting on the ceiling or on the wall. Connecting adapter Ø 160 mm for fan or central exhaust system included. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Technical data

Dimension Ø100 (4") mm (inch)

Part No	Hose length
84470	7,5 m max (without hose)
84472	7,5 m



Spring operated exhaust reel for max. 10 m Ø 100 mm hose (4")

For mounting on the ceiling or on the wall. Connecting adapter Ø 160 mm for fan or central exhaust system included. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Technical data

Dimension Ø100 (4") mm (inch)

Part No	Hose length
84480	10 m max (without hose)
84484	5 m
84485	7,5 m
84486	10 m



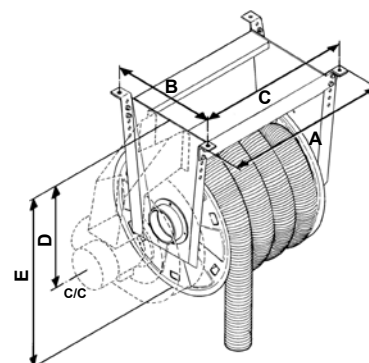
Spring operated exhaust reel for max. 10 m Ø 150 mm hose (6")

For mounting on the ceiling or on the wall. Connecting adapter Ø 160 mm for fan or central exhaust system included. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Technical data

Dimension Ø150 (6") mm (inch)

Part No	Hose length
84490	10 m max (without hose)
84492	10 m



Spring operated exhaust reel for max. 12,5 m Ø 200 mm hose (8")

For mounting on the ceiling or on the wall. Connecting adapter Ø 200 mm for fan or central exhaust system included. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Technical data

Dimension Ø200 (8") mm (inch)

Part No	Hose length
84495	12,5 m max (without hose)

84495	84490	84480	84470
A 1230 mm	A 1030 mm	A 830 mm	A 630 mm
B 500 mm	B 500 mm	B 500 mm	B 500 mm
C 1174 mm	C 974 mm	C 774 mm	C 574 mm
D 489 mm	D 489 mm	D 489 mm	D 489 mm
E 790 mm	E 790 mm	E 790 mm	E 790 mm

Hose mounting kits for exhaust hose reels

To connect the exhaust hose to the reel a mounting kit must be used.

Part No	Dimension
88300	Ø 75 (3") mm (inch)
88301	Ø 100 (4") mm (inch)
88302	Ø 125 (5") mm (inch)
88303	Ø 150 (6") mm (inch)



Hose guide through suspended ceilings for 84480-86

Used for guiding the exhaust hose through suspended ceilings. Adjustable between ceiling and suspended ceiling from 840 mm to 1600 mm.

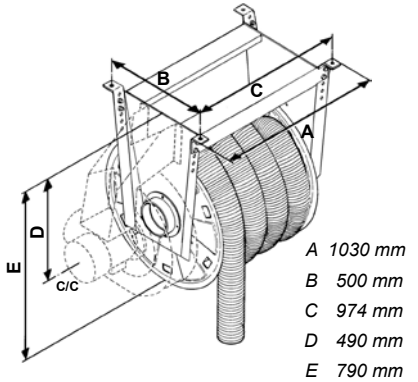
Part No
82004



Electric driven exhaust reel for max. 10 m Ø 150 mm hose (6")

For mounting on the ceiling or on the wall. Connecting adapter Ø 160 mm for fan or central exhaust system included. Max. hose capacity 10 m Ø 150 mm hose. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages. 1 phase 220-240 V, 50 Hz.

Part No	Dimension	Hose length
84650	Ø150 (6") mm (inch)	10 m max (without hose)
84651	100 (4") mm (inch)	10 m
84652	125 (5") mm (inch)	10 m
84653	150 (6") mm (inch)	10 m



Control box

Part No	Model
83005	Control box for control of electric driven exhaust hose reel.



Hose reel on swinging arm

The combination of a swinging suspension arm and a spring operated exhaust reel is a good solution when the reel needs to be moved between different work places.

Part No	Length
88417	4,5 m



Hose mounting kits for electric hose reels

To connect the exhaust hose to the reel a mounting kit must be used.

Part No	Dimension
88305	Ø 100 (4") mm (inch)
88307	Ø 150 (6") mm (inch)



Connection hose for exhaust hose reels

Connects between ventilation duct and exhaust hose reel.

Part No	Dimension	Length
8310030	160 (6.2") Ø mm (inch)	1000 mm



Exhaust hoses 200 °C

Approx. 0,5 m of the total hose length will be used inside the reel. **Note! Mounting kit for connecting hose on hose reel is not included, ordered separately.**

Air flow in exhaust hoses:

Ø 75 mm at air flow < 270 m³/h

Ø100 mm at air flow < 540 m³/h

Ø125 mm at air flow < 810 m³/h

Ø150 mm at air flow < 1080 m³/h

Recommended air flow

Cars = 360 m³/h

Trucks = 1080 m³/h

Technical data

Maximum temperature 200 °C

Part No	Dimension	Hose length
88330	Ø 75 (3") mm (inch)	5 m
88340	Ø 100 (4") mm (inch)	5 m
88350	Ø 125 (5") mm (inch)	5 m
88360	Ø 150 (6") mm (inch)	5 m
88333	Ø 75 (3") mm (inch)	7,5 m
88343	Ø 100 (4") mm (inch)	7,5 m
88353	Ø 125 (5") mm (inch)	7,5 m
88363	Ø 150 (6") mm (inch)	7,5 m
88331	Ø 75 (3") mm (inch)	10 m
88341	Ø 100 (4") mm (inch)	10 m
88351	Ø 125 (5") mm (inch)	10 m
88361	Ø 150 (6") mm (inch)	10 m
88334	Ø 75 (3") mm (inch)	12,5 m
88344	Ø 100 (4") mm (inch)	12,5 m
88354	Ø 125 (5") mm (inch)	12,5 m
88364	Ø 150 (6") mm (inch)	12,5 m
88589	Ø150 (6") mm (inch)	15 m



Exhaust hoses 300 °C

Approx. 0,5 m of the total hose length will be used inside the reel. **Note! Mounting kit for connecting hose on hose reel is not included, ordered separately.**

Technical data

Maximum temperature 300 °C

Part No	Dimension	Hose length
88459	Ø 150 (6") mm (inch)	2,5 m
88445	Ø 75 (3") mm (inch)	5 m
88450	Ø 100 (4") mm (inch)	5 m
88455	Ø 125 (5") mm (inch)	5 m
88460	Ø 150 (6") mm (inch)	5 m
88446	Ø 75 (3") mm (inch)	7,5 m
88451	Ø 100 (4") mm (inch)	7,5 m
88456	Ø 125 (5") mm (inch)	7,5 m
88461	Ø 150 (6") mm (inch)	7,5 m
88447	Ø 75 (3") mm (inch)	10 m
88452	Ø 100 (4") mm (inch)	10 m
88457	Ø 125 (5") mm (inch)	10 m
88462	Ø 150 (6") mm (inch)	10 m
88453	Ø 100 (4") mm (inch)	12,5 m
88458	Ø 125 (5") mm (inch)	12,5 m
88463	Ø 150 (6") mm (inch)	12,5 m



Exhaust hoses 500 °C

Approx. 0,5 m of the total hose length will be used inside the reel. **Note! Mounting kit for connecting hose on hose reel is not included, ordered separately.**

Technical data

Maximum temperature 500 °C

Part No	Dimension	Hose length
88579	Ø 150 mm (6") mm (inch)	2,5 m
88580	Ø 150 mm (6") mm (inch)	5 m
88576	Ø 125 mm (5") mm (inch)	7,5 m
88581	Ø 150 mm (6") mm (inch)	7,5 m
88577	Ø 125 mm (5") mm (inch)	10 m
88575	Ø 150 mm (6") mm (inch)	10 m
88578	Ø 125 mm (5") mm (inch)	12,5 m
88583	Ø 150 mm (6") mm (inch)	12,5 m



Exhaust hoses 650 °C (to be used with metal nozzles)

Approx. 0,5 m of the total hose length will be used inside the reel. **Note!** Mounting kit for connecting hose on hose reel is not included, ordered separately.

Technical data

Maximum temperature 650 °C



Part No	Dimension	Hose length
88479	Ø 150 (6") mm (inch)	2,5 m
88465	Ø 75 (3") mm (inch)	5 m
88470	Ø 100 (4") mm (inch)	5 m
88475	Ø 125 (5") mm (inch)	5 m
88480	Ø 150 (6") mm (inch)	5 m
88466	Ø 75 (3") mm (inch)	7,5 m
88471	Ø 100 (4") mm (inch)	7,5 m
88476	Ø 125 (5") mm (inch)	7,5 m
88481	Ø 150 (6") mm (inch)	7,5 m
88467	Ø 75 (3") mm (inch)	10 m
88472	Ø 100 (4") mm (inch)	10 m
88477	Ø 125 (5") mm (inch)	10 m
88482	Ø 150 (6") mm (inch)	10 m
88468	Ø 75 (3") mm (inch)	12,5 m
88473	Ø 100 (4") mm (inch)	12,5 m
88478	Ø 125 (5") mm (inch)	12,5 m
88483	Ø 150 (6") mm (inch)	12,5 m

Exhaust hose, double with Y-adapter

The hose is crush proofed with nylon coil incl. one Y-adapter and two hose clamps (temp. resistant +200 °C).

Part No	Dimension	Maximum temperature	Hose length
88220	Ø 75 (3") mm (inch)	200 °C	2 x 2,5 m
88221	Ø 100 (4") mm (inch)	200 °C	2 x 2,5 m
88222	Ø 125 (5") mm (inch)	200 °C	2 x 2,5 m
88223	Ø 150 (6") mm (inch)	200 °C	2 x 2,5 m



Hose connecting kits

To connect hoses with the same diameter. The kit consists of a hose adapter and two hose clamps.

Part No	Dimension
88485	75 mm
88486	100 mm
88487	125 mm
88488	150 mm



Safety disconnect coupling

The safety disconnect coupling is to protect your equipment from unexpected work place events, such as when a service technician forgets to remove the exhaust hose from the vehicle before moving it. The safety disconnect coupling will automatically separate to protect the vehicle and your exhaust system.

Part No	Model	Dimension
88491	Safety disconnect coupling Ø100 mm (4")	100 mm
88492	Safety disconnect coupling Ø 125 mm (5")	125 mm
88493	Safety disconnect coupling Ø 150 mm (6")	150 mm
88571	Safety coupling magnetic Ø100 mm (4")	100 mm

88491



88571



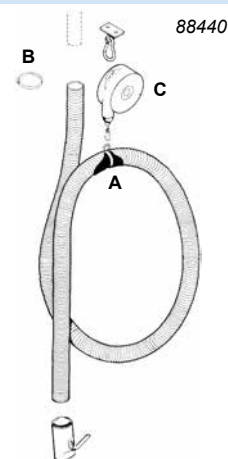
Fixed exhaust extractors

A fixed exhaust extractor is easily designed by selecting hose, nozzle, hose support, balancer and hose clamps. For suitable hoses and nozzles and balancers, see previous/ next pages.

Pos A: Hose supports make it possible to hang the hose on a balancer.

Pos B: Hose clamps are used to fix the hose directly on to the ducting.

Part No	Model
88441	Support Ø 100 mm (4")
88442	Support Ø 150 mm (6")
72101045	Hose clamp Ø70-90 mm
72101011	Hose clamp Ø80-110 mm
72101063	Hose clamp Ø120-140 mm
72101021	Hose clamp Ø130-165 mm
88590	Hose clamp Ø75 mm for 650°C high temperature hose
88591	Hose clamp Ø 100 mm for 650°C high temperature hose
88592	Hose clamp Ø 125 mm for 650°C high temperature hose
88593	Hose clamp Ø 150 mm for 650°C high temperature hose



Balancer

The balancer supports loads within an area of 0-4,5 m and at an angle of max 30° from the plumb line. Some of the balancers is equipped with a locking device which locks the extension wire in the extended position. The locking device disengages when the wire is pulled out approx. 0,2 m and then released. Delivered complete with safety chain and spring safety hooks.

Part No	Model	Capacity	Cable length
88440	Balancer with 3m wire 7-14 Kg with locking device	7-14 kg	3 m
84435	Balancer with 4,5m wire 7-16 Kg with locking device on or off	7-16 kg	4,5 m
84437	Balancer with 3m wire 7-14 Kg without locking device	7-14 kg	3 m
84438	Balancer with 3,5m wire 5-14 Kg without locking device	5-14 kg	3,5 m
84436	Micro switch balancer for fan control, for 84435		
84434	Micro Switch balancer for fan control, for 88440, 84437 and 88438		



Complete exhaust extraction kits

Consisting of a fan, 5 m standard hose and balancer. Just add the required nozzle. **Note!** Exhaust Nozzle must be ordered separately.

Technical data

Capacity	1800 m³/h
Motor	0,55 kW
Voltage	400 V AC

Part No	Dimension	Hose length
84441	100 (4") mm (inch)	5 m
84443	150 (6") mm (inch)	5 m



Exhaust drop on swinging arm

Makes it possible to cover a larger area with a simple extraction point. **Note! Exhaust Nozzle and Fan must be ordered separately.**

Part No	Dimension	Hose length	Length
84420	Ø 150 (6") mm (inch)	5 m	4,5 m
84421	Ø 150 (6") mm (inch)	5 m	6 m
84422	Ø 150 (6") mm (inch)	5 m	8 m



Trolley with fan and exhaust hose reel

Mobile solution for maximum flexibility. Complete unit with trolley, exhaust hose reel with 10m 6" 200°C hose, nozzle, fan, outlet hose from fan 7,5m 6" 200°C, fan starter button and connection cable 3-phase 10m 400V AC.

Part No	Model	Dimension
83130	Exhaust trolley 6" with fan, exhaust reel and 10 meters hoses	Ø150 (6") mm (inch)



Exhaust rail

Straight rails solve the exhaust emission problem with vehicles being driven along a straight section indoors. The system comprises of exhaust hoses mounted on moving connectors which run along a suction rail fitted to the ceiling. The moving trolleys can be supplied for internal or external travel, with or without automatic uncoupling of the nozzle.

With wall brackets, connectors, rubber seal, end cover and trolley stop. Nozzles not included (order separately). We recommend nozzles with wise grip.

Part No	Model
84530	Exhaust rail 14,6M
84531	Exhaust rail 17,4M
84532	Exhaust rail 20,4M
84533	Exhaust rail 23,2M
84534	Exhaust rail 26,2M
84535	Exhaust rail 29 M
84536	Exhaust rail 34,8 M
84225	Mounting tool for rubber seal
88503	Ceiling bracket for exhaust rail



Internal exhaust trolley for nozzle with wise grip

With balancer och hose hanger, without hose (order separately). Can be used for vehicle in motion. **Note! Hose and nozzle is ordered separately.**

Part No	Model
84211	Exhaust trolley, internal for Ø100 mm/4" nozzle with vise grip
84212	Exhaust trolley, internal for Ø150 mm/6"
84213	Exhaust trolley, internal Ø 100 mm / 4", without balancer



Mounting kit with exhaust trolley for exhaust reel

For mounting on a rail to achieve a larger working area

Includes: Mounting kit and internal trolley. Order separately: Exhaust reel, hose and nozzle based on application.

Part No	Model
84595	Mounting kit with exhaust trolley for exhaust reel



Rubber nozzles. general information

A rubber nozzle is used to connect the exhaust hose with the exhaust system of the vehicle. The nozzle is designed to take in cooling air, thereby reducing the exhaust fume temperature and resistance in the exhaust system and guaranteeing the accuracy of exhaust readings. These nozzles are highly suitable for use with fixed extractors, exhaust reels and straight rails (clamp fixing essential).

Specifications The rubber nozzle is composed of moulded, high temperature resistant rubber. The nozzle is provided with an opening (which can be sealed with a rubber plug) suitable for insertion of an exhaust probe, diameter Ø 20 mm. The nozzle is designed for today's lorries and private cars. The nozzle is attached to the exhaust hose via an angled pipe so as to facilitate connection to the exhaust pipe of the vehicle. Temperature resistance: -40 °C to + 220 °C

Rubber nozzle with probe opening and clamp fixing

Part No	Inlet	Opening
88320	Ø 75 mm	155 x 90 (Ø 115) mm
88324	Ø 100 mm	155 x 90 (Ø 115) mm
88321	Ø 100 mm	210 x 115 (Ø 160) mm
88322	Ø 125 mm	210 x 115 (Ø 160) mm
88323	Ø 150 mm	210 x 115 (Ø 160) mm



Rubber nozzle with probe opening and damper

Part No	Inlet	Opening
88315	Ø 75 mm	155 x 90 (Ø 115) mm
88316	Ø 100 mm	155 x 90 (Ø 115) mm
88317	Ø 100 mm	210 x 115 (Ø 160) mm
88318	Ø 125 mm	210 x 115 (Ø 160) mm
88319	Ø 150 mm	210 x 115 (Ø 160) mm



Rubber nozzle with probe opening, damper and clamp fixing

Part No	Inlet	Opening
88325	Ø 75 mm	155 x 90 (Ø 115) mm
88326	Ø 100 mm	155 x 90 (Ø 115) mm
88327	Ø 100 mm	210 x 115 (Ø 160) mm
88328	Ø 125 mm	210 x 115 (Ø 160) mm
88329	Ø 150 mm	210 x 115 (Ø 160) mm



Rubber nozzle with probe opening, spring fixing

Part No	Inlet	Opening
88520	Ø 75 mm	155 x 90 (Ø 115) mm
88521	Ø 100 mm	155 x 90 (Ø 115) mm
88522	Ø 100 mm	210 x 115 (Ø 160) mm
88523	Ø 125 mm	210 x 115 (Ø 160) mm
88524	Ø 150 mm	210 x 115 (Ø 160) mm



Metal nozzle with rubber lid

Part No	Inlet	Opening
88310	Ø 75 mm	Ø 100 mm
88311	Ø 100 mm	Ø 100 mm
88312	Ø 125 mm	Ø 125 mm
88313	Ø 125 mm	Ø 150 mm
88314	Ø 150 mm	Ø 150 mm



Stacker nozzle for vertical exhaust pipes

Part No	Model	Opening	Connection
88396	Exhaust nozzle, vertikal 125mm	Ø 200 (8") mm (inch)	Ø 125 (5") mm (inch)
88397	Exhaust nozzle, vertikal 150mm	Ø 250 (10") mm (inch)	Ø 150 (6") mm (inch)
88398	Telescopic handle for stacker nozzles.		
88399	Spring clip for stacker nozzles.		
88569	Nozzle for exhaust, giraffe Ø 150 (6") 2,4m	Ø 250 (10") mm (inch)	Ø 150 (6") mm (inch)



Exhaust nozzle for hidden exhaust pipes

Part No	Model	Opening	Connection
88555	Exhaust nozzle hand pump Ø 150 (6")	Ø 90-160 mm	Ø 150 (6") mm (inch)
88556	Exhaust nozzle Ø 150 (6") Air regulated	Ø 90-160 mm	Ø 150 (6") mm (inch)
88565	Exhaust nozzle for hidden exhaust Ø100 with inner plier	150x110 mm	Ø 100 (4") mm (inch)
88566	Exhaust nozzle for hidden/integrated exhaust pipes, good grip in curved pipes 150x350mm	350x150 mm	Ø 100 (4") mm (inch)
88567	Connection kit for dual exhausts	350x150 mm	Ø 100 (4") mm (inch)
88601	Adapter 4"-5", for 5" (125mm) exhaust hose		Ø 100 (4") mm (inch)
88602	Adapter 4"-6", for 5" (150mm) exhaust hose		Ø 100 (4") mm (inch)
88603	Wall mount holder, magnetic		
88604	Wall mount holder, magnetic, for secondary exhaust adaptor incl. hose		



Exhaust funnel

For simple, fast and accurate exhaust fume readings. The adjustable exhaust funnel is placed behind the vehicle exhaust pipe in order to capture and remove exhaust fumes. The exhaust fume readings are entirely resistance free and cooling air reduces the temperature. To be used with Ø 150 mm hoses and nozzles.



Part No	Opening
88395	200x230 mm

Exhaust funnel for heavy machinery

Exhaust funnel for heavy machinery, tractors and similar where the exhaust is very big and pointing upwards. Can also be used as an adapter for an existing exhaust nozzle. Exhaust pipe maximum diameter Ø400 mm, connection for exhaust hose or nozzle Ø145 mm.



Part No	Opening	Connection
88568	Ø 400 mm	Ø 145 mm

Exhaust nozzle touchless for trucks

Adjustable nozzle on trolley for side and under carriage tailpipes, Standards EPA 07 (Euro 6). Connects to existing exhaust hose.

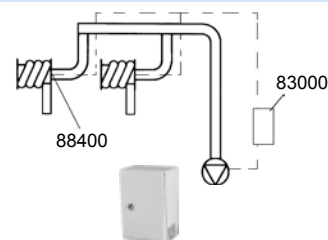


Part No	Opening	Connection
88554	550x160 mm	Ø 150 (6") mm (inch)

Starter

For automatic start and stop of the fan when one or two exhaust reels are installed. Used together with a micro switch (88400). Comes complete with built-in contactor and transformer. Can supply power to damper (84312). It must be fitted with relevant motor overload protector (not included).

Part No	Voltage
83000	3~ 230 / 400 V AC



Motor overload protector

The rating of the protector depends on which fan is used. For installation in control boxes.

Part No	Current
88421	0,9-1,3 A
88422	1,4-2,0 A
88423	2,3-3,2 A
88424	4,5-6,3 A
88425	7,2-10 A



Frequency inverter

The DCV-Controller monitors the ventilation system by measuring the pressure and starts the fan only when needed.

Part No	Model
84370	DCV Controller PID regulator EMC-filter 380-460 V AC 1,1 kW
84371	DCV Controller PID regulator EMC-filter 2,2 kW 380-460 V AC
84372	DCV Controller PID regulator EMC-filter 4,0 kW 380-460 V AC
84374	DCV Controller PID regulator EMC-filter 7,5 kW 380-460 V AC
83015	Pressure sensor 0-2500 Pa



Fan starter with push-button

To be used when no automatic start or controll units are used. Mounted in a plastic-encased box.

Part No	Model
84245	Fan starter, IP55 with overload 1,0 - 1,6 A 230 - 690 VAC.
84246	Fan starter, IP55 with overload 1,6 - 2,5 A 230 - 690 VAC.
84247	Fan starter, IP55 with overload 2,5 - 4,0 A 230 - 690 VAC.
84248	Fan starter, IP55 with overload 4,0 - 6,3 A 230 - 690 VAC.
84249	Fan starter, IP55 with overload 6,3 - 10,0 A 230 - 690 VAC.
84250	Fan starter, IP55 with overload 10,0 - 16,0 A 230 - 690 VAC.



Start/stop with indicator for exhaust fan

For controlling automatic dampers and/or fans for exhaust reels or extraction arms. Use together with starter (83000) and automatic damper (84312). The indicator light can be wired to indicate when the damper is open and fan is on. 2x NO contacts.

Part No	Model	Voltage
88408	Start/Stop switch with lamp for fan	24 V AC
88409	Start/Stop switch with lamp for fan, installed in pairs for control from different locations	24 V AC



Automatic damper

Fully automatic, motorized damper, Ø 160 mm. Should be supplemented with a switch assembly (88400).

Part No	Voltage
84312	24 V AC



Transformer

Transformer, used for for LED lamp cartridge (84725), motorised damper, micro switch or frequency inverter.

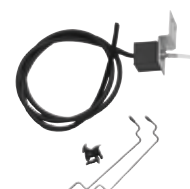
Part No	Voltage
88431	24 V AC



Micro switch

Used for control of damper and fan in spring operated exhaust reels. This device can be used with starter (83000) or automatic damper (84315) and control unit (83020).

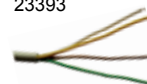
Part No
88400



Control cable and marking (only swedish)

Part No	Model
23393	Control cable 4-core 0,5 mm ² used between sensors and monitoring systems. Halogen free.
97719	Pipe label only in Swedish

23393



97719



Extraction arms

Ball-bearing jointed extraction arms for dust, welding fumes, soldering, fumes, oil mist, fumes from solvents etc. Delivered complete with wall mounting bracket and a Ø160 mm spigot for connection to a central duct work system. The detachable hood with manual damper and safety mesh can be angled 110° forwards, backwards and to the sides. A LED-lamp can be fitted in the hood.

Part No	Length
84700	1,5 m
84701	2 m
84702	3 m
84703	4 m

84700



Ceiling bracket for extraction arm

Used when mounting extraction arms in ceilings. For 84700-84703.

Part No	Height
84720	0,5 m
84721	1 m

84720



Bodywork extraction arm

Bodywork extraction arm for effective evacuation of welding fume, grinding dust and vapours when performing vehicle bodywork. Easy to manoeuvre with 360° movability and high positional stability. Ø 125 mm ventilation tube.

Part No	Model	Length
84711	Bodywork extraction arm 5M Ø125mm with ceiling bracket	5 m

84711



Extraction arm with extension swing arm

Extraction arm with extension swing arm, wall bracket, hose and Ø 160 mm ventilation tube.

Part No	Length
84704	5 m
84705	7 m
84706	9 m
84707	11 m

84704



Lighting and switch

Part No	Model
84725	Complete LED-lighting 24V with on/off switch for a fan
84726	Complete LED-lighting 24V.
84727	On/Off switch for fan
83023	Relay box 24V AC, used for electric dampers and led lighting

84725



Accessories for extraction arms

Part No	Model
84730	Glazier hood for extraction arm
84731	Extension hose 3,5M with magnetic bracket.



Extraction arms 2, 3 and 4 m

Ball-bearing jointed extraction arms for dust, welding fumes, soldering fumes, oil mist, fumes from solvents etc. Delivered complete with wall mounting bracket on which the fan may be directly fitted. A Ø160 mm spigot for connection to a central duct work system is also provided. The detachable hood with manual damper and safety mesh can be angled 110° forwards, backwards and to the sides. A 24 V LED lamp cartridge (88430) can be fitted in the hood.

Part No	Model
84400	Extraction arm 2 m grey
84402	Extraction arm 3 m grey
84405	Extraction arm 4m grey
84615	Manual damper with rubber seal



Extension swing arm

Arm with wall bracket, hose and Ø 160 mm ventilation tube including connection to extraction arms. Extraction arm not included.

Part No	Length
84416	1,5 m
84414	2,5 m
84415	4,5 m



Lighting and switch

To be fitted in the hood. Consists of 24 V LED lamp, switch assembly and 10 m cable.

Part No	Model
88430	Led lamp for extraction arm 24VAC with start / stop switch.
88433	Switch without lamp with 10M cable
83023	Relay box 24V AC, used for electric dampers and led lighting



Mobile mechanical filter

1 phase 0,75 kW 220-240V 50Hz. Delivered with a 5 m cable. Filter up to >98% of the pollution.

Part No	Model	Length
84620	Mobile mechanical filter with 2M extraction arm	2 m
84621	Mobile mechanical filter with 3M extraction arm	3 m
84623	Cartridge filter cassette HEPA 14 (spare part)	
84624	Carbon fiber cassette (spare part)	

84620



Air flow in exhaust hoses

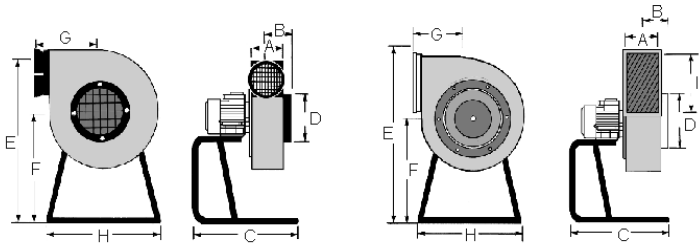
Ø 75 mm at air flow < 270 m³/h
Ø 100 mm at air flow < 540 m³/h
Ø 125 mm at air flow < 810 m³/h
Ø 150 mm at air flow < 1080 m³/h

Recommended air flow

Cars = 360 m³/h
Trucks = 1080 m³/h

Fans for exhaust and fumes

Delivered with tubular support (84323-84330). Models 84323-84325 can be mounted directly to exhaust hose reels with the aid of a mounting kit (88410), see below.

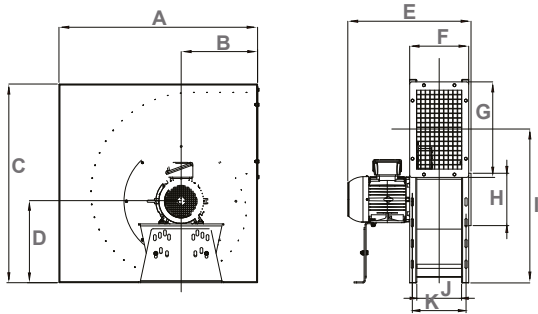


A	B	C	D	E	F	G	H	I	Kg	
Ø 160	95	430	Ø 160	650	415	245	445	-	16,4	84323
Ø 160	95	430	Ø 160	660	425	245	445	-	19,4	84325
142	110	450	Ø 250	740	410	230	445	215	24,0	84330

Part No	Capacity	Motor	Voltage	Number of active exhausts (cars)	Number of active exhausts (trucks)	Power consumption
84323	1800 m³/h	0,55 kW	3~ 400 V AC	< 3	1	1,5 A
84325	2160 m³/h	0,75 kW	3~ 400 V AC	< 4	1	2,0 A
84465	2160 m³/h	0,75 kW	1~ 230 V AC	< 4	1	5,0 A
84330	3000 m³/h	1,1 kW	3~ 400 V AC	< 5	< 2	2,7 A

Fans

A series of robust fans, generally designed for larger systems of exhaust hose reels, exhaust rails and extraction arms. Can also be used for general ventilation and similar tasks. Stand, fan housing are made in steel and fan wheels are made of aluminium. Suitable to be used with frequency converter.



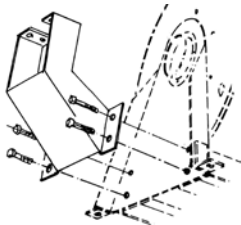
A	B	C	D	E	F	G	H	I	J	K	Kg	
640	285	640	267	446	230	312	Ø 162	477	160	204	31	84360
783	339	783	310	532	270	380	Ø 200	602	200	244	51	84361
980	377	980	402	606	290	460	Ø 252	741	220	264	78	84362
1100	479	1100	447	673	320	508	Ø 317	829	250	294	137	84364

Part No	Capacity	Motor	Voltage	Power consumption
84360	2500 m³/h	0,75 kW	3~ 400 V AC	1,7 A
84361	5500 m³/h	2,2 kW	3~ 400 V AC	4,6 A
84362	7500 m³/h	4,0 kW	3~ 400 V AC	7,7 A
84364	12000 m³/h	7,5 kW	3~ 400 V AC	8,05 A

Fan mounting kit

For mounting of fan directly on exhaust reels. Consists of bracket, rubber ring and fan socket.

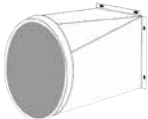
Part No	Description
88410	For mounting of fans 84323-84325 directly on exhaust reels. Consists of bracket, rubber ring and fan socket.
88411	For mounting of fans 84323-84325 directly on exhaust reels. Consists of bracket, rubber ring and fan socket.



Fan accessories

Part No	Model
88401	Outlet Ø250mm for fan 84330
84380	Outlet Ø250 mm for fan 84360
84381	Outlet Ø315 mm for fan 84361
84382	Outlet Ø400 mm for fan 84362
84383	Outlet Ø500 mm for fan 84364
84384	Soft connection Ø160 mm
84385	Soft connection Ø200 mm
84386	Soft connection Ø250 mm
84387	Soft connection Ø315 mm
84388	Soft connection Ø400 mm
84389	Soft connection Ø500 mm
85390	Anti-vibration damper for 84360 & 84361
85391	Anti-vibration damper for 84362 & 84364

84380



84384



85390



13 High powered vacuum

Suction units	190
Long reach support arms.....	192
Vacuum hose reel	193
Tube kits	193
Tube parts and accessories	194

Suction unit for demanding dust extraction and industrial cleaning

Ce 450 is a series of units of high quality and excellent filter technology. The unit is suitably used for:

- Comfort cleaning
- Cleaning in industry & construction
- Extraction of dust, smoke, dust
- Welding extraction
- Chip extraction: wood, metal, plastic, etc.

Complete units with fully connected internal electricity. Dust separation takes place in two stages: coarse separation in a cyclone and fine separation in a pleated conical cartridge filter. Effective automatic filter cleaner guarantees good suction capacity even with high dust loads. The control cabinet has a starter and built-in functions for start/stop and filter cleaner as well as terminal connection for external start. The unit is equipped with a silenced vacuum valve to guarantee air cooling to the vacuum generator. Cyclone and stand are made of powder-coated sheet steel. Colour: Beige RAL 7044. Easy installation: connect pipe system, electricity and, where applicable, compressed air. Filter material pressed polyester, filter class USGC (99.9% separation rate). Filter cleaning type compressed air, erf. compressed air 6 l/s 5 bar.



Output 5,5 kW

Suction unit for general cleaning, industrial and construction cleaning or welding extraction. To be used in conjunction with vacuum pipe system and vacuum hose reels, or wall mounted suction arms for dust extraction in body shops.

Recommended simultaneous use

Detailing bay: 2 users

Collision repair: 4 users

Technical data

Capacity	550 (50Hz) / 770 (70Hz) m³/h
Dimension	1470x600x1100 mm
Motor	5,5 kW
Voltage	3x 380/50Hz V AC
Noise level	74 dB
Filtration	7,5 m²
Connection	Ø 76 mm

Part No	Model	Current
85050	Suction unit Ce 5/450	25 A
85051	Suction unit Ce 5F-450 with frequency converter.	20 A
85137	Filter cartridge 7.5m2 (should be changed once a year) for 85050-51, 85070-71	

Output 7,5 kW

Suction unit for general cleaning, industrial and construction cleaning or welding extraction. To be used in conjunction with vacuum pipe system and vacuum hose reels, or wall mounted suction arms for dust extraction in body shops.

Recommended simultaneous use

Detailing bay: 2-3 users

Collision repair: 4-5 users

Technical data

Dimension	1700x600x1150 mm
Motor	7,5 kW
Voltage	3x 380/50Hz V AC
Noise level	74 dB
Filtration	7,5 m ²
Connection	Ø 100 mm

Part No	Model	Current
85070	Suction unit Ce 7F-450	32 A
85071	Suction unit Ce 7F-450 with frequency converter.	25 A
85137	Filter cartridge 7.5m2 (should be changed once a year) for 85050-51, 85070-71	

Output 13 kW

Suction unit for general cleaning, industrial and construction cleaning or welding extraction. To be used in conjunction with vacuum pipe system and vacuum hose reels, or wall mounted suction arms for dust extraction in body shops.

Recommended simultaneous use

Detailing bay: 4-5 users

Collision repair: 6-7 users

Technical data

Capacity	1140 (50Hz) / 1596 (70Hz) m ³ /h
Dimension	1930x600x1200 mm
Motor	13 kW
Voltage	3x 380/50Hz V AC
Noise level	76 dB
Connection	Ø 100 mm

Part No	Model	Current
85130	Suction unit Ce 13-450-10	50 A
85131	Suction unit Ce 13F-450 with frequency converter.	35 A
85138	Filter cartridge 10m2 (should be changed once a year) for 85130 85131	

Output 18 kW

Suction unit for general cleaning, industrial and construction cleaning or welding extraction. To be used in conjunction with vacuum pipe system and vacuum hose reels, or wall mounted suction arms for dust extraction in body shops.

Recommended simultaneous use

Detailing bay: 6-7 users

Collision repair: 8-9 users

Technical data

Capacity	1650 m ³ /h
Dimension	1930x800x1400 mm
Motor	18,5 kW
Voltage	3x 380/50Hz V AC
Noise level	72 dB
Filtration	25 m ²
Connection	Ø 100 mm

Part No	Model	Current
85133	Suction unit Ce 18F-620 with frequency converter.	50 A
85139	Filter cartridge 25m2 (should be changed once a year) for 85133	

Dust bags

Part No	Model
85135	Vacuum cleaner bags 600x850 mm 10 pcs

Long reach support arms

Two-jointed arm with hose for dust (Ø50mm), electric cable 230V, and compressed air hose built into the arm.

Part No	Model
85106	Articulated Arm 6M For Wall Mounting
85107	Grinding arm 7 meters for wall mounting swingable 180°



Articulated arm accessories

Part No	Model
85110	Wall bracket for articulated arm
85111	Adjustable blocking device for swing arm

85110



85111



Junction boxes

Part No	Model
85112	Compressed air unit for swing arm, Connection box (included in 85114)
85113	Connection box grinding arm 2 suction socket manual opening, 2 electrical sockets 230V
85114	Connection box grinding arm 2 suction sockets automatic opening, 2 electrical sockets 230V
85118	Connection box grinding arm 2 suction sockets automatic opening, 1pcs electrical sockets 230V, 1pcs electrical sockets 400V
85115	Connection box for wall. One suction outlet manual opening, only for suction, no compressed air
85117	Connection box grinding arm 2 suction socket manual opening, 1pcs electrical sockets 230V, 1pcs electrical sockets 400V
85119	Connection box for arm 85106 and 85107. For electricity, compressed air and vacuum



85114



85115

Vacuum hose reel

The hose reel is a robust and maintenance-free product. It is equipped with a 10 meter anti-static hose which can be easily pulled out and automatically rolled in by the spring rolling mechanism. The roller mechanism is set to withstand 8 meters of hose and 2 meters of free hanging. Hose length 8m Ø50mm, 2m Ø38mm. Bracket 100x190 mm C-C. Pressure switch and T-piece are required for mounting.

85030



Part No	Model
85030	Vacuum hose reel 8M Ø50mm + 2M Ø38mm + damper
85036	Pressure switch complete for 85030
85037	T-tube 1/8 "-1/8" for 85030

Accessories

Part No	Model
85017	Brush for vacuum cleaner Ø38mm W = 80mm, L = 120mm
85023	Hose sleeve Ø38 antistat for 85017
85018	Slit nozzle plastic Ø38mm L = 250mm
85019	Splice sleeve 38-38mm for 85010
85022	Floor nozzle with wheels Ø38mm B = 360mm
85021	Suction pipe vacuum cleaner in steel Ø38mm L = 1300mm
85020	Cleaning kit vacuum cleaner, consists of 85017, 85018, 85021, 85022

85021



85017



85018



85022



Tube kits 6 m

Complete kit containing 6 meters of pipe as well as hardware for jointing and mounting in ceiling with clamp and threaded rod.

Part No	Model
99301	Pipe kit Ø102mm 6M
99302	Pipe kit Ø76mm 6M
99303	Pipe kit Ø63mm 6M
99304	Pipe kit Ø50mm 6M



Y-adapter kits

Complete set with Y-pipes and suitable pipe connections (3 pcs) in each dimension.

Part No	Model
99305	Y Pipe Ø102mm With Pipe Couplings
99306	Y Pipe Ø76mm With Pipe Couplings
99307	Y Pipe Ø63mm With Pipe Couplings
99308	Y Pipe Ø50mm With Pipe Couplings



Reducer adapter kits

Complete cone for reducing pipe stem. Pipe coupling in both dimensions is included (2).

Part No	Model
99309	Reduction Complete Ø102-76mm With Pipe Couplings
99310	Reduction Complete Ø102-63mm With Pipe Couplings
99311	Reduction Complete Ø76-63mm With Pipe Couplings
99312	Reduction Complete Ø76-50mm With Pipe Couplings
99313	Reduction Complete Ø63-50mm With Pipe Couplings



Branch adapter kits

Manufactured in electro-galvanized fully welded design.

Angle 45°.

Material thickness 2 mm

Part No	Model
99323	Branch Pipe Complete Ø50-50mm With Pipe Couplings
99322	Branch Pipe Complete Ø63-50mm With Pipe Couplings
99321	Branch Pipe Complete Ø63-63mm With Pipe Couplings
99320	Branch Pipe Complete Ø76-50mm With Pipe Couplings
99319	Branch Pipe Complete Ø76-63mm With Pipe Couplings
99318	Branch Pipe Complete Ø76-76mm With Pipe Couplings
99317	Branch Pipe Complete Ø102-50mm With Pipe Couplings
99316	Branch Pipe Complete Ø102-63mm With Pipe Couplings
99315	Branch Pipe Complete Ø102-76mm With Pipe Couplings
99314	Branch Pipe Complete Ø102-102mm With Pipe Couplings



Bend kits 45°

Complete kit with pipe bend and suitable pipe connection (1 piece) in each dimension.

Part No	Model
99327	Steel bend 45 ° Ø50mm With Pipe fittings
99326	Steel bend 45 ° Ø63mm With Pipe Couplings
99325	Steel bend 45 ° Ø76mm With Pipe fittings
99324	Steel bend 45 ° Ø102mm With Pipe fittings



Bend kits 90°

Complete kit with pipe bend and suitable pipe connection (1 piece) in each dimension.

Part No	Model
99331	Steel bend 90° Ø50mm with Pipe fittings
99330	Steel bend 90° Ø63mm With Pipe fittings
99329	Steel bend 90° Ø76mm With Pipe fittings
99328	Steel bend 90° Ø102mm With Pipe fittings



Hose clamp, heavy duty

For connecting hose reels to system or outlet.

Part No	Model
RUCO050	Hose clamp Ø50mm
RUCO063	Hose clamp Ø63mm
RUCO076	Hose clamp Ø76mm



Branch adapters

Manufactured in welded electro-galvanized design, AISI 304.

Angle 45°

Material thickness 2 mm.

Part No	Model
STTP05005005	Pant tube Ø50-Ø50-Ø50 mm 45°
STTP06306306	Pant tube Ø63-Ø63-Ø63 mm 45°
STTP07607607	Pant tube Ø76-Ø76-Ø76 mm 45°
STTP10210210	Pant tube Ø102-Ø102-Ø102 mm 45°



Steel tubes

Made in welded sendzimir galvanized sheet.
 Length 6000 mm = +/-5 mm

Part No	Model
STPI05060	Steel pipe Ø50mm L=6M
STPI06360	Steel pipe Ø63mm L=6M
STPI07660	Steel pipe Ø76mm L=6M
STPI10260	Steel pipe Ø102mm L=6M



Reducers

Kona STCO is manufactured in fully welded galvanized design. Electro-galvanized.

Part No	Model
STCO063050	Cone Ø63-Ø50 mm
STCO076050	Cone Ø76-Ø50 mm
STCO076063	Cone Ø76-Ø63 mm
STCO102063	Cone Ø102-Ø63 mm
STCO102076	Cone Ø102-Ø76 mm



Y adapters

Manufactured in electro-galvanized fully welded design.
 Angle 45°.
 Material thickness 2 mm

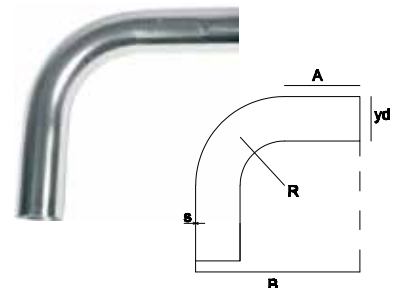
Part No	Model
STBP050050	Branch pipe Ø50-Ø50mm 45°
STBP063050	Branch pipe Ø63-Ø50mm 45°
STBP063063	Branch pipe Ø63-Ø63mm 45°
STBP076050	Branch pipe Ø76-Ø50mm 45°
STBP076063	Branch pipe Ø76-Ø63mm 45°
STBP076076	Branch pipe Ø76-Ø76mm 45°
STBP102050	Branch pipe Ø102-Ø50mm 45°
STBP102063	Branch pipe Ø102-Ø63mm 45°
STBP102076	Branch pipe Ø102-Ø76mm 45°
STBP102102	Branch pipe Ø102-Ø102mm 45°



Bends

STBE steel bend in galvanized design, with straight edges and extended sockets. All bends are connected in the pipe system with PICO connectors.

Part No	Model
STBE06390	Steel pipe bend Ø63 mm 90°
STBE05090	Steel pipe bend Ø50mm 90°
STBE07690	Steel pipe bend Ø76 mm 90°
STBE10245	Steel pipe bend Ø102 mm 45°
STBE06345	Steel pipe bend Ø63mm 45°
STBE07645	Steel pipe bend Ø76 mm 45°
STBE10290	Steel pipe bend Ø102 mm 90°
STBE05045	Steel pipe bend Ø50mm 45°



Pipe joints

For pipes with straight edges. The contact has conductive EDPM rubber. Resistance at 1000 V is about 300 ohm/cm. The connection is tightened with two bolts M8 x 40 mm. Connection width 65 mm. Made of 1 mm galvanized sheet steel. The plates are made of 3 mm galvanized steel and rivets.



Part No	Model
PICO050A	Tube fitting Ø50 mm
PICO063A	Tube fitting Ø63 mm
PICO076A	Tube fitting Ø76 mm
PICO102A	Tube fitting Ø102mm

Polyurethane hose, anti static

Polyurethane hose PUHC with hard PVC spiral and copper wire to dissipate static electricity. Temperatures -25°C to +85°C.



Part No	Model
PUHC050	Polyurethane hose Ø50mm PVC spiral & copper
PUHC063	Polyurethane Hose Ø63mm PVC spiral & copper
PUHC076	Polyurethane hose Ø76mm PVC spiral & copper

Tube holders

Part No	Model
3804205	Tube Clamp rubber 50-56 mm
3804206	Tube Clamp rubber 63-68 mm
3804207	Tube Clamp rubber 74-80 mm
3804208	Tube Clamp rubber 101-106 mm



14 Installation equipment

Installation components, oil	198
Installation components, grease.....	199
Installation components, water based fluids.....	200
Installation components.....	202
Tanks and accessories	208

Pipe diameters for different pipe lengths (EN10305-4)

Part No	Dimension	Tube length
90101120	22x1,5 mm	0-50 m
90101162	28x2 mm	0-150 m
90101192	35x3 mm	0-300 m

E-Coated steel tubes for oil

Part No	Dimension	Length
90101120	22x1,5 mm	6 m
90101162	28x2 mm	6 m
90101192	35x3 mm	6 m



Support rail and pipe clamps

Part No	Model
70501423	Mounting rail 14X28mm 2 m
70101249	Pipe clamp complete PP Ø22 mm
70101273	Pipe clamp complete PP Ø28 mm
70101297	Pipe clamp complete PP Ø35 mm

70501423



70101273



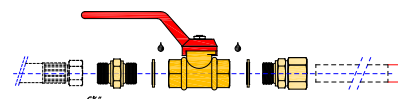
Installation components

Part No	Model	Dimension	Thread
10103724	Coupling straight Ø22 mm 3/4" (M) BSP	Ø22 mm	3/4" (M) BSP
10103295	Coupling straight Ø28 mm 1" (M) BSP	Ø28 mm	1" (M) BSP
10103325	Coupling straight Ø35 mm 1 1/4" (M) BSP	Ø35 mm	1 1/4" (M) BSP
10106490	Coupling 90° Ø22-22 mm	Ø22-22 mm	
10106496	Coupling 90° Ø28-28 mm	Ø28-28 mm	
10106502	Coupling 90° Ø35-35 mm	Ø35-35 mm	
10103070	Coupling straight Ø22 mm	Ø22 mm	
10103079	Coupling straight Ø28 mm	Ø28 mm	
10103088	Coupling straight Ø35 mm	Ø35 mm	
10106367	Tee connector Ø22-22-22 mm	Ø22-22-22 mm	
10106373	Tee connector Ø28-28-28 mm	Ø28-28-28 mm	
10106379	Tee connector Ø35-35-35 mm	Ø35-35-35 mm	
10101564	Pipe reducer Ø35-Ø22 mm 25 (250) MPa (bar)	Ø35-Ø22 mm	



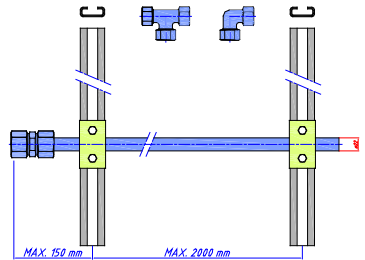
Oil pump connection kit

Part No	Model
99400	Pump installation kit to pipe 22 mm
99401	Pump installation kit to pipe 28 mm
99402	Pump installation kit to pipe 35 mm



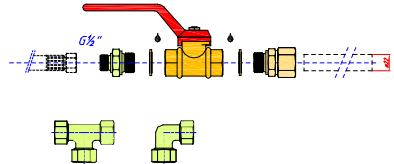
Oil tube kit

Part No	Model
99403	Pipe kit 6m 22 mm galvanized steel pipe clamps, bracket rails and fittings 6 m
99404	Pipe kit 6m 28 mm galvanized steel pipe clamps, bracket rails and fittings 6 m
99405	Pipe kit 6m 35 mm galvanized steel pipe clamps, bracket rails and fittings 6 m



Connection kit, hose reel for oil

Part No	Model
99406	Hose reel connection G1/2" to 22 mm pipe incl ball valve
99407	Hose reel connection G1/2" to 28 mm pipe incl ball valve



Pipe diameters for different pipe lengths (EN10305-4)

Part No	Dimension	Tube length
73202	Ø20x3 mm	0-20 m
73252	Ø25x3 mm	0-35 m
73383	Ø38x4 mm	0-60 m

E-Coated steel tubes for grease

Part No	Dimension	Length
73202	Ø20x3 mm	6 m
73252	Ø25x3 mm	6 m
73383	Ø38x4 mm	6 m



Installation components

Part No	Model
70501423	Mounting rail 14X28mm 2 m
70101237	Pipe clamp complete PP Ø20 mm
70101261	Pipe clamp complete PP Ø25 mm
70101303	Pipe clamp complete PP Ø38 mm

70501423



70101261



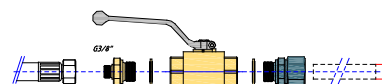
Tube fittings for grease

Part No	Model	Dimension	Thread
10103250	Coupling straight Ø20 mm 3/4" (M) BSP	Ø20 mm	3/4" (M) BSP
10103280	Coupling straight Ø25 mm 1" (M) BSP	Ø25 mm	1" (M) BSP
10103337	Coupling straight Ø38 mm 1 1/4" (M) BSP	Ø38 mm	1 1/4" (M) BSP
10106484	Coupling 90° Ø20-20 mm	Ø20-20 mm	
10106493	Coupling 90° Ø25-25 mm	Ø25-25 mm	
10106505	Coupling 90° Ø38-38 mm	Ø38-38 mm	
10103064	Coupling straight Ø20 mm	Ø20 mm	
10103073	Coupling straight Ø25 mm	Ø25 mm	
10103091	Coupling straight Ø38 mm	Ø38 mm	
10106364	Tee connector Ø20-20-20 mm	Ø20-20-20 mm	
10106370	Tee connector Ø25-25-25 mm	Ø25-25-25 mm	
10106382	Tee connector Ø38-38-38 mm	Ø38-38-38 mm	



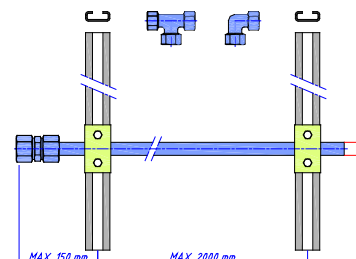
Connection kit grease pump

Part No	Model
99417	Connection pump to 20 mm grease pipe including ball valve
99418	Connection pump to 25 mm grease pipe including ball valve
99419	Connection pump to 38 mm grease pipe including ball valve



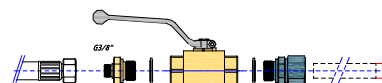
Tube kit for grease

Part No	Model
99420	Pipe kit 6m 20 mm galvanized steel pipe clamp, bracket and joint connection for grease
99421	Pipe kit 6m 25 mm galvanized steel pipe clamp, bracket and joint connection for grease
99422	Pipe kit 6m 38 mm galvanized steel pipe clamp, bracket and joint connection for grease



Hose reel connection connection kit for grease

Part No	Model
99423	Connection hose reel G3/8" to 20 mm grease pipe including ball valve
99424	Connection hose reel G3/8" to 25 mm grease pipe including ball valve
99425	Connection hose reel G3/8" to 38 mm grease pipe including ball valve



Pipe diameters for different pipe lengths

Part No	Dimension	Tube length
90201015	Ø15x 1,5 mm	0-50 m
90201030	Ø 22x1,5 mm	0-300 m

Stainless steel tubes for water, glycol etc

Part No	Dimension	Length
90201015	Ø15x 1,5 mm	6 m
90201030	Ø 22x1,5 mm	6 m



Installation components

Part No	Model
70501423	Mounting rail 14X28mm 2 m
70101207	Pipe clamp complete Ø15 mm
70101249	Pipe clamp complete PP Ø22 mm

70501423



70101249



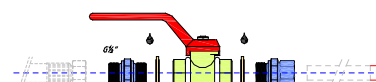
Tube fittings for other fluids

Part No	Model	Maximum working pressure	Connection
10201441	Coupling straight AISI316 Ø15-1/2" ØMM-(M) BSP	25 (250) MPa (bar)	Ø15-1/2" ØMM-(M) BSP
10201459	Coupling straight AISI316 22-3/4" ØMM-(M) BSP	25 (250) MPa (bar)	22-3/4" ØMM-(M) BSP
10202365	Coupling 90° AISI316 Ø15-15 mm	25 (250) MPa (bar)	
10202377	Coupling 90° AISI316 Ø22-22 mm	25 (250) MPa (bar)	
10201363	Union connector AISI316 Ø15-15 mm	25 (250) MPa (bar)	
10201375	Union connector AISI316 Ø22-22 mm	25 (250) MPa (bar)	
10202275	Coupling T AISI316 Ø15-15-15 mm	25 (250) MPa (bar)	
10202296	Coupling T AISI316 Ø22-22-22 mm	25 (250) MPa (bar)	



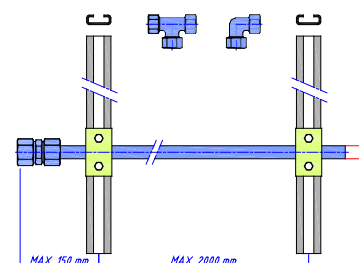
Connection kit pump for other fluids

Part No	Model
99408	Pump installation kit to pipe 15 mm, stainless steel
99409	Pump installation kit to pipe 22 mm, stainless steel



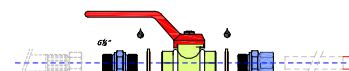
Pipe kit for other fluids

Part No	Model
99410	Pipe kit 6m 15 mm stainless steel pipe clamps, bracket rails and fittings
99411	Pipe kit 6m 22 mm stainless steel pipe clamps, bracket rails and fittings.



Connection kit hose reel for other fluids

Part No	Model
99412	Hose reel connection G1/2" to 15 mm stainless steel pipe incl. ball valve
99413	Hose reel connection 1/2" to 22 mm stainless steel pipe incl. ball valve



Rubber/steel washer



Part No	Thread
10103532	1/8" (M) BSP
10103529	1/4" (M) BSP
10103547	3/8" (M) BSP
10103526	1/2" (M) BSP
10103544	3/4" (M) BSP
10103517	1" (M) BSP
10103523	1 1/4" (M) BSP
10103520	1 1/2" (M) BSP
10103538	2" (M) BSP

Adapters, steel



Part No	Thread	Maximum working pressure
25101978	1/8" - 1/8" (M)-(M) BSP	64 (640) MPa (bar)
25102023	1/4" - 1/8" (M)-(M) BSP	64 (640) MPa (bar)
25101981	1/4" - 1/4" (M)-(M) BSP	64 (640) MPa (bar)
25102032	3/8" - 1/4" (M)-(M) BSP	64 (640) MPa (bar)
25101987	3/8" - 3/8" (M)-(M) BSP	64 (640) MPa (bar)
25102035	1/2" - 1/4" (M)-(M) BSP	64 (640) MPa (bar)
25102041	1/2" - 3/8" (M)-(M) BSP	64 (640) MPa (bar)
25101999	1/2" - 1/2" (M)-(M) BSP	64 (640) MPa (bar)
25102038	1/4" - 3/4" (M)-(M) BSP	64 (640) MPa (bar)
25102047	3/4" - 3/8" (M)-(M) BSP	64 (640) MPa (bar)
25102053	1/2" - 3/4" (M)-(M) BSP	64 (640) MPa (bar)
25102008	3/4" - 3/4" (M)-(M) BSP	64 (640) MPa (bar)
25102056	1/2" - 1" (M)-(M) BSP	40 (400) MPa (bar)
25102065	1" - 3/4" (M)-(M) BSP	40 (400) MPa (bar)
25102011	1" - 1" (M)-(M) BSP	40 (400) MPa (bar)
25102068	1 1/4" - 3/4" (M)-(M) BSP	40 (400) MPa (bar)
25102071	1 1/4" - 1" (M)-(M) BSP	40 (400) MPa (bar)
25102077	1 1/4" - 1 1/2" (M)-(M) BSP	40 (400) MPa (bar)
25102074	1" - 1 1/2" (M)-(M) BSP	40 (400) MPa (bar)
25102083	2" - 1 1/2" (M)-(M) BSP	40 (400) MPa (bar)
25102020	2" - 2" (M)-(M) BSP	40 (400) MPa (bar)

Bulkhead fitting, steel



Part No	Thread	Maximum working pressure
25101768	1/4" (M)-(M) BSP	64 (640) MPa (bar)
25101771	3/8" (M)-(M) BSP	64 (640) MPa (bar)
25101774	1/2" (M)-(M) BSP	64 (640) MPa (bar)
25101780	3/4" (M)-(M) BSP	64 (640) MPa (bar)
25101783	1" (M)-(M) BSP	64 (640) MPa (bar)

Bushings, steel

Part No	Thread	Maximum working pressure
25101819	1/8" - 1/4" (F)-(M) BSP	40 (400) MPa (bar)
25101822	1/4" - 1/4" (F)-(M) BSP	40 (400) MPa (bar)
10105959	3/8" - 1/2" (F)-(M) BSP	40 (400) MPa (bar)
10105998	1/4" - 3/4" (F)-(M) BSP	40 (400) MPa (bar)
10106001	3/8" - 3/4" (F)-(M) BSP	40 (400) MPa (bar)
25101864	1/2" - 3/4" (F)-(M) BSP	40 (400) MPa (bar)
25101840	1/2" - 3/8" (F)-(M) BSP	40 (400) MPa (bar)
25101870	3/4" - 3/4" (F)-(M) BSP	40 (400) MPa (bar)
10105962	3/4" - 1" (F)-(M) BSP	40 (400) MPa (bar)
25101871	1" - 3/4" (F)-(M) BSP	40 (400) MPa (bar)
70091220	1 1/4" - 3/4" (F)-(M) BSP	40 (400) MPa (bar)
10105941	3/4" - 1 1/4" (F)-(M) BSP	40 (400) MPa (bar)



Adapter, steel

Part No	Thread	Maximum working pressure
25101936	3/8" - 1/2" (F)-(F) BSP	40 (400) MPa (bar)
25101942	1/2" - 1/2" (F)-(F) BSP	40 (400) MPa (bar)
25101948	3/4" - 1/2" (F)-(F) BSP	40 (400) MPa (bar)
25101963	3/4" - 1" (F)-(F) BSP	40 (400) MPa (bar)



Reduction, steel

Part No	Dimension	Maximum working pressure	Material
10201474	Ø22-Ø15 mm	25 (250) MPa (bar)	Stainless steel
10101474	Ø22-Ø15 mm	25 (250) MPa (bar)	Steel
10101519	Ø28-Ø22 mm	25 (250) MPa (bar)	Steel
10101567	Ø35-Ø28 mm	25 (250) MPa (bar)	Steel
10101564	Ø35-Ø22 mm	25 (250) MPa (bar)	Steel
10101498	Ø25-Ø20 mm	40 (400) MPa (bar)	Steel
10101591	Ø38-Ø25 mm	40 (400) MPa (bar)	Steel



Adapters with a swivelling nut, steel

Part No	Thread	Maximum working pressure
25102341	1/4" - 1/4" (F)-(M) BSP	64 (640) MPa (bar)
25102344	3/8" - 1/4" (F)-(M) BSP	64 (640) MPa (bar)
25102345	1/2" - 1/4" (F)-(M) BSP	64 (640) MPa (bar)
25102350	3/8" - 3/8" (F)-(M) BSP	64 (640) MPa (bar)
25102347	1/4" - 3/8" (F)-(M) BSP	64 (640) MPa (bar)
25102353	1/2" - 3/8" (F)-(M) BSP	64 (640) MPa (bar)
25102359	1/2" - 1/2" (F)-(M) BSP	64 (640) MPa (bar)
25102356	3/8" - 1/2" (F)-(M) BSP	64 (640) MPa (bar)
25102365	3/4" - 1/2" (F)-(M) BSP	64 (640) MPa (bar)
25102383	3/4" - 3/4" (F)-(M) BSP	64 (640) MPa (bar)
25102377	1/2" - 3/4" (F)-(M) BSP	64 (640) MPa (bar)
25102386	1" - 3/4" (F)-(M) BSP	64 (640) MPa (bar)
25102392	1" - 1" (F)-(M) BSP	64 (640) MPa (bar)
25102389	3/4" - 1" (F)-(M) BSP	64 (640) MPa (bar)



Adapter 90° with a swivelling nut, steel

Part No	Thread	Maximum working pressure
25102428	1/4" (F)-(M) BSP	64 (640) MPa (bar)
25102431	3/8" (F)-(M) BSP	64 (640) MPa (bar)
25102434	1/2" (F)-(M) BSP	64 (640) MPa (bar)
25102440	3/4" (F)-(M) BSP	64 (640) MPa (bar)
25102446	1" (F)-(M) BSP	64 (640) MPa (bar)
25102450	2" (F)-(M) BSP	25 (250) MPa (bar)



Adapters with two swivelling nuts, steel

Part No	Thread	Maximum working pressure
25101897	3/8" - 3/8" (F)-(F) BSP	64 (640) MPa (bar)
25101903	1/2" - 1/2" (F)-(F) BSP	64 (640) MPa (bar)
25101909	3/4" - 3/4" (F)-(F) BSP	64 (640) MPa (bar)



Adapter 90° with two swivelling Nuts, steel

Part No	Thread	Maximum working pressure
25101126	1/4" (F)-(F) BSP	64 (640) MPa (bar)
25101132	1/2" (F)-(F) BSP	64 (640) MPa (bar)
25101117	3/4" (F)-(F) BSP	64 (640) MPa (bar)



T-adapters, steel

Part No	Thread	Maximum working pressure
25102866	1/4" (M)-(M)-(M) BSP	64 (640) MPa (bar)
25102867	3/8" (M)-(M)-(M) BSP	64 (640) MPa (bar)
25102869	1/2" (M)-(M)-(M) BSP	64 (640) MPa (bar)
25102854	1/2" (F)-(M) BSP	64 (640) MPa (bar)
25102875	3/4" (M)-(M)-(M) BSP	64 (640) MPa (bar)
25102876	3/4" (F)-(F)-(F) BSP	64 (640) MPa (bar)
25102878	1" (M)-(M)-(M) BSP	64 (640) MPa (bar)



Plug, steel

Part No	Thread	Maximum working pressure
25101513	1/4" (M) BSP	64 (640) MPa (bar)
25101519	1/2" (M) BSP	64 (640) MPa (bar)
25101495	3/4" (M) BSP	64 (640) MPa (bar)
25101498	1" (M) BSP	64 (640) MPa (bar)
9320119	2" (M) BSP	2,5 (25) MPa (bar)



Quick connector, steel

Part No	Maximum working pressure	Connection
35101222	16 (160) MPa (bar)	1/2" (F) BSP
35101216	16 (160) MPa (bar)	1/2" (F) BSP
35101273	16 (160) MPa (bar)	3/4" (F) BSP
35101258	16 (160) MPa (bar)	3/4" (F) BSP

 35101222
 35101273

 35101216
 35101258


Adapters, brass

Part No	Connection
25201216	1/8" - 1/8" (M)-(M) BSP
25201210	1/4" - 1/4" (M)-(M) BSP
25201192	1/2" - 1/2" (M)-(M) BSP
25201201	1/2" - 3/8" (M)-(M) BSP
25201228	3/4" - 3/4" (M)-(M) BSP
25201171	1" - 1" (M)-(M) BSP
25201204	1" - 3/4" (M)-(M) BSP
25201177	1 1/2" - 1" (M)-(M) BSP
25201219	2" - 2" (M)-(M) BSP



Bushings, brass

Part No	Connection
25201061	1/2" - 1/4" (F)-(M) BSP
25201062	1/2" - 3/8" (F)-(M) BSP
25201057	3/8" - 1/4" (F)-(M) BSPT
25201279	1/8" - 1/4" (F)-(M) BSP
25201303	1/4" - 3/8" (F)-(M) BSP
25201267	1/8" - 1/2" (F)-(M) BSP
25201016	1/4" - 1/2" (F)-(M) BSP
25201270	3/8" - 1/2" (F)-(M) BSP
25201294	1/2" - 3/4" (F)-(M) BSP
25201300	3/8" - 3/4" (F)-(M) BSP
25201297	1/4" - 3/4" (F)-(M) BSP
25201273	3/4" - 1" (F)-(M) BSP
25201243	1/2" - 1" (F)-(M) BSP
25201276	3/8" - 1" (F)-(M) BSP
25201252	3/4" - 1 1/2" (F)-(M) BSP
25201285	1 1/2" - 2" (F)-(M) BSP
25201282	1" - 2" (F)-(M) BSP



Hose fitting, brass

Part No	Dimension
38220806	3/8" (10) - 1/2" ØMM-(M) BSP
38220808	1/2" (13) - 1/2" ØMM-(M) BSP
38220406	3/8" (10) - 1/4" ØMM-(M) BSP
38220408	1/2" (13) - 1/4" ØMM-(M) BSP
38220812	1/2" (13) - 3/4" ØMM-(M) BSP
38221208	3/4" (20) - 1/2" ØMM-(M) BSP
38221210	3/4" (20) - 5/8" ØMM-(M) BSP
38221212	3/4" (20) - 3/4" ØMM-(M) BSP
38221612	3/4" (20) - 1" ØMM-(M) BSP
38660101	1" (25) - 1" ØMM-(M) BSP



Hose clamp

Part No	Model	Dimension
72101051	Hose clamp Ø8-16 (3/8") mm (inch)	Ø8-16 (3/8") mm (inch)
72101126	Hose clamp Ø12-20 (1/2") mm (inch)	Ø12-20 (1/2") mm (inch)
72101081	Hose clamp Ø16-25 (5/8") mm (inch)	Ø16-25 (5/8") mm (inch)
72101087	Hose clamp Ø20-32 (3/4") mm (inch)	Ø20-32 (3/4") mm (inch)



Adapters, stainless steel

Part No	Thread	Maximum working pressure
78020608	3/8"-1/2" (M)-(M) BSP	64 (640) MPa (bar)
78020808	1/2" (M)-(M) BSP	64 (640) MPa (bar)
78020812	1/2"-3/4" (M)-(M) BSP	64 (640) MPa (bar)
78021212	3/4"-3/4" (M)-(M) BSP	64 (640) MPa (bar)
78020816	1"-1/2" (M)-(M) BSP	64 (640) MPa (bar)
78900808	1/2" - 1/2" (M)-(M) BSP	64 (640) MPa (bar)
78080806	1/2"-3/8" (F)-(M) BSP	64 (640) MPa (bar)
78080808	1/2"-1/2" (F)-(M) BSP	64 (640) MPa (bar)
78310808	1/2" - 1/2" (F)-(M) BSP	64 (640) MPa (bar)
78510808	1/2" (M)-(M)-(M) BSP	64 (640) MPa (bar)
78070808	1/2"-1/2" (F)-(F) BSP	64 (640) MPa (bar)
78080812	3/4"-1/2" (F)-(M) BSP	64 (640) MPa (bar)
78050812	3/4"-1/2" (F)-(M) BSP	64 (640) MPa (bar)
25300101	1/2" (M)-(M) BSP	1,5 (15) MPa (bar)
25300102	Ø12,7 - 1/2" ØMM-(M) BSP	1,5 (15) MPa (bar)



78020812



78900808



78080808



78310808



78510808



78070808



25300101



25300102

Shut-off valves, steel

Part No	Maximum working pressure	Connection
30201339	50 (500) MPa (bar)	1/8" (F) BSP
30201330	50 (500) MPa (bar)	1/4" (F) BSP
30201354	50 (500) MPa (bar)	3/8" (F) BSP
30201315	50 (500) MPa (bar)	1/2" (F) BSP
30201345	40 (400) MPa (bar)	3/4" (F) BSP
30201300	35 (350) MPa (bar)	1" (F) BSP
30201309	35 (350) MPa (bar)	1 1/4" (F) BSP



Shut-off valves, brass

Ball valves made of brass with PTFE-seals, long or short levers, intended for oil and air lines.

Part No	Type	Maximum working pressure	Connection
30101117	Lever	6,4 (64) MPa (bar)	3/8" (F) BSP
30101093	Lever	5,0 (50) MPa (bar)	1/2" (F) BSP
30101111	Lever	5,0 (50) MPa (bar)	3/4" (F) BSP
30101081	Lever	5,0 (50) MPa (bar)	1" (F) BSP
30101087	Lever	2,5 (25) MPa (bar)	1 1/4" (F) BSP
30101084	Lever	2,5 (25) MPa (bar)	1 1/2" (F) BSP
30101102	Lever	2,5 (25) MPa (bar)	2" (F) BSP
30101129	Handle	2,5 (25) MPa (bar)	1/4" (F) BSP
30101123	Handle	6,4 (64) MPa (bar)	1/2" (F) BSP



Shut-off valves, stainless steel

Part No	Maximum pressure	Connection
30201093	14 (140) MPa (bar)	1/2" (F) BSP
30301041	14 (140) MPa (bar)	2" (F) BSP



Shut-off valves, special purpose

Part No	Model
30101069	Ball valve 3-Way 3/4" (F) BSP
28513	Needle valve 1/4" (F)-(M) BSP Compressed air Brass
28515	Needle valve 1/2" (F)-(M) BSP Compressed air Brass
28370	Ball valve with pneumatic actuator single acting 3/4" (F) BSP 24 V DC Brass
24627	Drum tap, ball valve 3/4" (M) BSP Brass



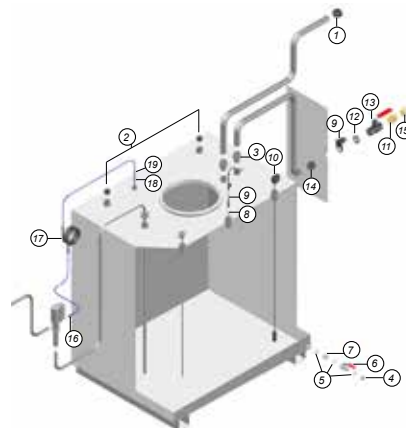
Tanks for oil

Manufactured in sheet steel in accordance with Swedish standards. The tanks are coated on the outside and untreated on the inside. The upper part is provided with manhole, G2" (f) and G1" (f) threaded connections and a G1 1/2" connection for the level sensor. The tank can also be ordered for outdoor purposes. Order by specifying H x W x D (Total height = H + 225 mm)

Installation kit (99414) for fresh oil tank is composed by the below listed components:

1. Ventilation cap 28328
2. Plug G2" 9320119
3. Union fitting G2" 9320104
4. Plug G1" 25101498
5. Rubber/steel washer G1" 10103517
6. Shut-off valve 1" 30101081
7. Fitting steel G1"-G1" 25102011
8. Bushing G1"-G1/2" 25201243
9. Overfilling protection 23163
10. Level gauge 2345475
11. Fitting G2" 9320106
12. Nut G2" 9320105
13. Shut-off valve G2" 30101102
14. Fitting G2" 25201219
15. Filling connection G2" 28197
16. Bushing G1/4"-G1/8" 25101819
17. Hose from pressure relief valve 480013M
18. Bushing G1"-G3/4" 25201273
19. Bushing G3/4"-G1/4" 25201297

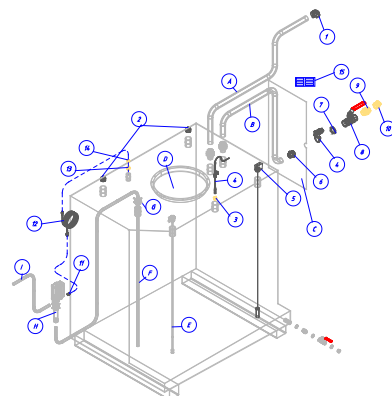
Our tanks are not stocked items, only delivered against order



Connection kit for fresh oil tank

Connection kit for fresh oil tank including the following: level gauge, overfilling protection, filling connection for trucks, ventilation cap for venting, tank filling label and a hose with adaptors for the pressure relief protection of the pump.

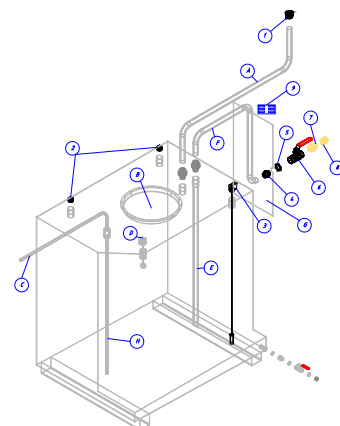
Part No
99414



Connection kit for waste oil tank

Connection kit for waste oil tank including the following: level gauge, emptying connection for trucks, ventilation cap for venting, plugs on the extra connection points and tank filing label.

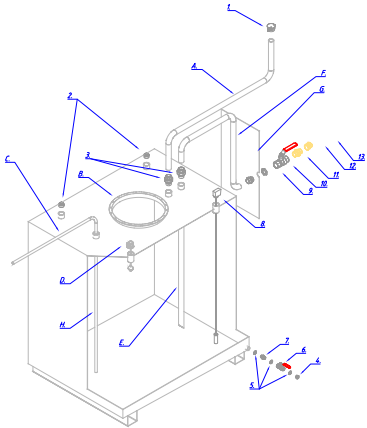
Part No
99415



Connection kit for used glycol tank

Connection kit for waste liquid tank including the following: level gauge, emptying connection for trucks, ventilation cap for venting, plugs on the extra connection points and tank filling label.

Part No
99416



Installation kit tank room for air pumps

Technical data	
Dimension	12 (1/2") mm (inch)
Thread	1/4" (M) BSP
Connection	3/4"-1/2" (M) BSP

Part No	Model	Length
48110	Installation kit for air connection from air main line to 3 pumps	15 m
48111	Installation kit for air connection from air main line to 5 pumps	20 m



Tank accessories

Part No	Model
28328	Ventilation cap for tanks in galvanized steel 180°, G2" (f)
28196	Filling connector in brass, straight for tanks G2" (f)
28197	Filling connector in brass, for tanks 30° G2" (f)
2345475	Level gauge for tanks. Max height of tank 2,5m, connection thread G1 1/2" (m)
29150	Flash Suppressor 2" (f)
97760	Tank filling sticker with holder only in Swedish



Filling cabinet

Part No	Dimension
24104	800x600x300 mm



Tube media decal (Swedish only)

Only in Swedish

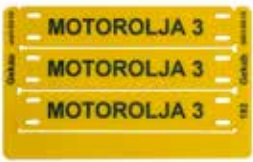


Part No	Model
97731	Pipe label only in Swedish
97716	Pipe label only in Swedish
97706	Pipe label only in Swedish
97712	Pipe label only in Swedish
97719	Pipe label only in Swedish
97755	Pipe label only in Swedish
97722	Pipe label only in Swedish
97721	Pipe label only in Swedish
97709	Pipe label only in Swedish
97737	Pipe label only in Swedish
97711	Pipe label only in Swedish
97707	Pipe label only in Swedish
97723	Pipe label only in Swedish
97747	Pipe label only in Swedish
97729	Pipe label only in Swedish
97705	Pipe label only in Swedish
97715	Pipe label only in Swedish
97727	Pipe label only in Swedish
97728	Pipe label only in Swedish
97730	Pipe label only in Swedish
97718	Pipe label only in Swedish
97708	Pipe label only in Swedish
97734	Pipe label only in Swedish
97701	Pipe label only in Swedish
97702	Pipe label only in Swedish
97724	Pipe label only in Swedish
97733	Pipe label only in Swedish
97740	Pipe label only in Swedish
97741	Pipe label only in Swedish
97744	Pipe label only in Swedish
97745	Pipe label only in Swedish
97746	Pipe label only in Swedish
97735	Pipe label only in Swedish
97736	Pipe label only in Swedish
97725	Pipe label only in Swedish
97720	Pipe label only in Swedish
97714	Pipe label only in Swedish
97713	Pipe label only in Swedish
97739	Pipe label only in Swedish
97738	Pipe label only in Swedish
97717	Pipe label only in Swedish
97703	Pipe label only in Swedish
97704	Pipe label only in Swedish
97726	Pipe label only in Swedish
97732	Pipe label only in Swedish

Hose labels (Swedish only)

Can be supplied in different languages on request. Mounted with cable ties. **Note! Not included.**

98724



14 mm

75 mm

Part No	Model
98731	Pipe label only in Swedish
98716	Pipe label only in Swedish
98706	Pipe label only in Swedish
98712	Pipe label only in Swedish
98719	Pipe label only in Swedish
98722	Pipe label only in Swedish
98721	Pipe label only in Swedish
98709	Pipe label only in Swedish
98742	Pipe label only in Swedish
98743	Pipe label only in Swedish
98737	Pipe label only in Swedish
98711	Pipe label only in Swedish
98723	Pipe label only in Swedish
98707	Pipe label only in Swedish
98729	Pipe label only in Swedish
98705	Pipe label only in Swedish
98715	Pipe label only in Swedish
98727	Pipe label only in Swedish
98728	Pipe label only in Swedish
98730	Pipe label only in Swedish
98718	Pipe label only in Swedish
98734	Pipe label only in Swedish
98708	Pipe label only in Swedish
98710	Pipe label only in Swedish
98701	Pipe label only in Swedish
98702	Pipe label only in Swedish
98724	Pipe label only in Swedish
98733	Pipe label only in Swedish
98740	Pipe label only in Swedish
98741	Pipe label only in Swedish
98735	Pipe label only in Swedish
98736	Pipe label only in Swedish
98725	Pipe label only in Swedish
98720	Pipe label only in Swedish
98714	Pipe label only in Swedish
98713	Pipe label only in Swedish
98739	Pipe label only in Swedish
98738	Pipe label only in Swedish
98717	Pipe label only in Swedish
98703	Pipe label only in Swedish
98704	Pipe label only in Swedish
98726	Pipe label only in Swedish
98732	Pipe label only in Swedish

15 Sorbents

Sorbents for oil only.....	214
Universal sorbents.....	215
Spill rugs heavy duty	216

Sorbents for petroleum based liquids

Highly absorbent meltblown polypropylene center for cost-effectiveness. Absorbs petroleum based liquids and repels water. Spunbond on both sides gives superior strength. Spunbond material allows for high abrasion resistance when wiping rough surfaces. Perforations minimize waste. Dimples give added strength. Virtually lint-free. Absorbency in litres/packaging.



Pads

Our best products for wiping. Strong and doesn't leave any lint. Absorbency in litres/packaging.

Part No	Capacity	Dimension	Quantity
34000	120 l	410 x 460 mm	100 pce
34001	154 l	410 x 460 mm	200 pce



Rolls

For industrial cleaning, very absorbent and doesn't leave lint. Absorbency in litres/packaging.

Part No	Capacity	Dimension	Quantity
34002	120 l	410 mm	46 m
34003	240 l	810 mm	46 m



Mini booms

Filled with 100% polypropylene for cost effectiveness. Flexible - can thereby be shaped around leaky machinery or drums. Available in different sizes. Can also be used during clean up of smaller oil spills on water. Ideal for use in order to surround and contain liquids during a land spill. Absorbs petroleum based liquids and repels water. Absorbency in litres/packaging.

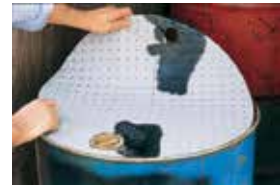
Part No	Capacity	Dimension	Quantity
34004	85 l	Ø 76 x 1220 mm	15 pce
34005	84 l	Ø 76 x 3050 mm	6 pce
34006	135 l	Ø 130 x 3000 mm	4 pce



Drum tops

Already have pre-cut holes in order to perfectly fit on 208 liter drums. Prevents drum top leaks from reaching the floor, thus preventing slippery floors. Absorbs petroleum based liquids and repels water. Only for oil and other petroleum based products. Absorbency in litres/packaging.

Part No	Capacity	Dimension	Quantity
34007	50 l	Ø 560 mm	25 pce
34008	~2 l	Ø 560 mm	1 pce



Sorbents for oil and water

Absorbs and retains oil, water, solvents, coolants, etc. Available in various weights. Keeps floors clean and dry. Place under and around machinery, use to line shelves, and for clean-up applications. Use as a rag for quick wipe-ups. Dimple bonded for strength. Center perforated for a customized fit. Absorbency in litres/packaging.



Pads

Part No	Capacity	Dimension	Quantity
34100	108 l	410x460 mm	100 pce
34101	133 l	410x460 mm	200 pce



Rolls

Part No	Capacity	Dimension	Quantity
34102	120 l	410 mm	46 m
34103	240 l	810 mm	46 m



Sorbents for universal use

Absorbs most industrial liquids (oil-based as well as water-based). One-sided spunbond gives added strength. Spunbond material allows for high abrasion resistance when used in high traffic areas. All rolls are perforated down center as well as across the width thus minimizing waste. Packed in a sturdy box for easy handling. Dimples add strength. Rolls are static resistant, giving greater safety when handling flammable liquids. Absorbency in litres/packaging.

Pads

Part No	Capacity	Dimension	Quantity
34104	120 l	410 x 460 mm	100 pce



Mini booms for all fluids

Flexible - can thereby be shaped around leaky machinery or drums. Available in two different lengths for added customer choice. Can also be used during clean up of smaller oil spills on water. Ideal for use in order to surround and contain liquids during a land spill. Absorbs petroleum based liquids as well as water based liquids. Can be used as temporary containment during a spill situation. Absorbency in litres/package.

Part No	Capacity	Dimension	Quantity
34106	85 l	Ø 76 x 1220 mm	15 pce
34107	84 l	Ø 76 x 3050 mm	6 pce



Drum tops

Already have pre-cut holes in order to perfectly fit on 208 liter drums. Prevents drum top leaks from reaching the floor, thus preventing slippery floors. Absorbs most industrial liquids (oil-based as well as water-based.) Absorbency/capacity in litres/package

Part No	Capacity	Dimension	Quantity
34108	50 l	Ø 560 mm	25 pce



Spill rug

Absorbs most industrial liquids (oil-based as well as water-based). Spunbond on one side gives superior strength. Spunbond material allows for high abrasion resistance when used in high traffic areas. All rolls are perforated twice down the center as well as across the width thus minimizing waste. Camouflage pattern masks stains and keeps floor looking clean. Thick outer spunbond layer makes product extra resistant. Perforated down center as well as across width. Absorbency in litres/package.



Rolls

Part No	Capacity	Dimension	Quantity
34110	264 l	810 mm	46 m



Spill rug

Made from adsorbent needle punched polypropylene. Extremely strong construction allows for both walking and driving on rolls. Absorbs petroleum based as well as water based liquids. Ideal for putting in walkways or around machinery with heavy traffic. With anti-slip, impermeable backing to protect floors. Absorbency in litres/packageing.



Rolls

Part No	Capacity	Dimension	Quantity
34120	80 l	910 mm	30,5 m



Spill rug for in and outside use

Heavy duty poly backing prevents leaking of liquids into the ground. 3-piece construction gives high durability. Top layer gives UV protection, thereby warranting a longer lifespan of product. Applications including: under transformers to prevent oils from leaking onto ground, factory floors where liquids must not penetrate onto floor, factories/warehouses where a durable sorbent is needed due to high traffic and under heavy equipment (stamping tools, etc) in order to protect floor. Absorbency in litres/packageing.



Rolls

Part No	Capacity	Dimension	Quantity
34121	352 l	1470 mm	24 m



Oil stock room

Equipment for tanks, IBC-containers, drums



Passenger car workshops

Solutions for ceilings, walls, suspended ceilings and built in



Truck and bus workshops

Solutions for ceilings, walls, pits and service towers



Industry

Custom solutions

