



ORION®

Alentec & Orion AB SWEDEN

**WE PROVIDE
SOLUTIONS**

Garage

Monitoring Systems



Hose Reels



Hose End Controls



Accessories



Mobile Units



Waste Oil Equipment



Service Stands & Towers



Pumps

“We are in the frontline of lubrication equipment development”

Alentec & Orion AB develop, manufacture and market equipment and services in pumping, measuring and dosing to the automotive and general industry.

The product range consists of a wide range of stationary, mobile and portable pumps with accessories for; filling- dosing- control- and waste oil handling.

Hose reels and systems for exhaust and welding smoke extraction are also in our range.

Orion is an international company with headquarters in Sweden. We are represented in more than 70 countries in the world and are expanding rapidly. Orion companies in United Kingdom, Belgium and France together with an extensive distributor base are supporting the market.



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1 Grease

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Air Operated Grease Pumps

Grease Pump, Pressure Ratio 60:1

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

Pump tube length	For drum	Total length
450 mm (effective 420 mm*)	12-20 kg	700 mm
750 mm (effective 720 mm*)	50 kg	1.000 mm
930 mm (effective 900 mm*)	180 kg	1.180 mm

* The bung adapter uses 30 mm of total pump tube length.

Technical data

Pressure ratio	60:1
Air motor	Diameter: Ø 80 mm Height: 270 mm Stroke length: approx. 100 mm
Capacity	1.000 g/min. free flow, air pressure 0,7 MPa, NLGI 2, 20 °C, 600 g/min. through 10 m 1/4"-hose and grease gun (14612) in normal conditions 150 l/min.
Air Consumption	
Air Pressure	Max 1 MPa (10 bar)
Pump tube	Ø 30 mm
Connections	Air: G 1/4" (f) Grease: Outlet G 3/8" (f)

Divorced Grease Pumps 60:1

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

Pump tube length	For drum	Total length	Pump tube
450 mm (effective 420 mm*)	12-20 kg	890 mm	Ø 30 mm
750 mm (effective 720 mm*)	50 kg	1.190 mm	Ø 30 mm
930 mm (effective 900 mm*)	180 kg	1.370 mm	Ø 30 mm

* The bung adapter uses 30 mm of total pump tube length.

Technical data

Pressure ratio	12650, 12651, 12652: 60:1
Air motor	Diameter: Ø 80 mm. Height: 270 mm Stroke length: approx. 100 mm
Capacity	60:1: 1.000 g/min. free flow, air pressure 0,7 MPa, NLGI 2, 20 °C, 600 g/min. through 10 m 1/4"-hose and grease gun (14612)
Air Consumption	in normal conditions 150 l/min.
Air Pressure	Max 1 MPa (10 bar)
Connections	Air: G 1/4" (f) Grease: Outlet G 3/8" (f)

For pumps with divorced air motor we recommend to use lubricator.

Grease Pump, Pressure Ratio 80:1

Air operated grease pump. Bung adapter G 2" included.

Pump tube length	For drum	Total length
450 mm (effective 420 mm*)	12-20 kg	700 mm
750 mm (effective 720 mm*)	50 kg	1.000 mm
930 mm (effective 900 mm*)	180 kg	1.180 mm

* The bung adapter uses 30 mm of total pump tube length.

Technical data

Pressure ratio	80:1
Air motor	Diameter: Ø 80 mm Height: 270 mm Stroke length: approx. 100 mm
Capacity	730 g/min. free flow, air pressure 0,7 MPa, NLGI 2, 20 °C, 450 g/min. through 10 m 1/4"-hose and grease gun (14612) in normal conditions 150 l/min.
Air Consumption	
Air Pressure	Max 0,7 MPa (7 bar)
Pump tube	Ø 30 mm
Connections	Air: G 1/4" (f) Grease: Outlet G 3/8" (f)

Part No

12752



12750
12751
12752

12652



12650
12651
12652

12757



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12756
12757

Air Operated Pump and Accessories

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).

Pressure ratio	Pump tube length	Pump type	Total length
25:1	855 mm	185 kg	1.357 mm
40:1	490 mm	Bulk stub*	992 mm
40:1	855 mm	185 kg	1.357 mm
40:1	650 mm	50 kg	1.152 mm
70:1	855 mm	185 kg	1.357 mm
70:1	650 mm	50 kg	1.152 mm
70:1	490 mm	Bulk stub*	992 mm

* 3" Cam lock adapter included

Air motor	4 1/2" (115 mm)
Capacity	Ratio 25:1 - 16 kg/min (free flow, NLGI-0) Ratio 40:1 - 11 kg/min (free flow, NLGI-2) Ratio 70:1 - 7,5 kg/min (free flow, NLGI-2)
Air pressure	Ratio 25:1 and 40:1 - Max 1,4 MPa (14 bar) Ratio 70:1 - Max 0,7 MPa (7 bar)
Connections	Air: G 1/2" BSP (f) Grease: 1/2" BSP (f)

Heavy duty pumps should be used together with Pump Ram system, see pg 10.

Part No

12825
12820
12822
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12822



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).

Pressure ratio	Pump tube length	Pump type	Total length
12:1	226 mm	Bulk stub*	742 mm
80:1	855 mm	185 kg	1.371 mm
80:1	650 mm	50 kg	1.166 mm

* 3" Cam lock adapter included

Technical data	
Air motor	6" (150 mm)
Capacity	Ratio 12:1 - 40 kg/min (free flow, NLGI-2) Ratio 80:1 - 8 kg/min (free flow, NLGI-2)
Air pressure	Max 0,7 MPa (7 bar)
Connections	Air: G 1/2" BSP (f) Grease: 1/2" BSP (f)

Heavy duty pumps should be used together with Pump Ram system, see pg 10.

12840
12842
12841

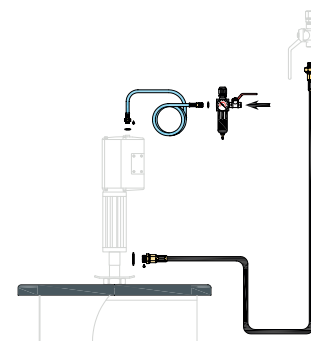
12842



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).

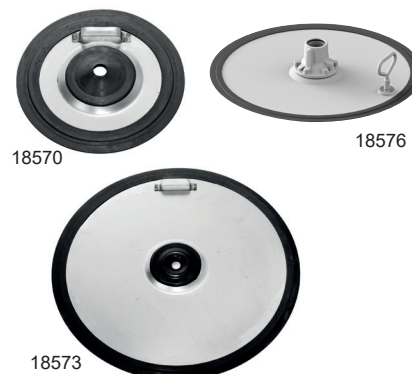
Information:	For pump	
Air line hose 1/4" L= 1,5 m, Grease line hose 3/8" L= 1,5 m		
For 180 kgs drum incl. FRL unit	126- & 127-series	99601
For 50-60 kgs drum incl. FRL unit	126- & 127-series	99602
For 20 kgs drum incl. FRL unit	126- & 127-series	99604
Air line hose 1/2" L= 1,5 m, Grease line hose 1/2" L= 4,0 m		
For 180 kgs drum incl. FRL unit	128-series	99611
For 50-60 kgs drum incl. FRL unit	128-series	99612



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.

Drum size	Fits drum with inner diameter	
12,5 kg	230 - 260 mm	18569
18-20 kg	265 - 290 mm	18570
50 kg	300 - 330 mm	18575
50 kg	340 - 360 mm	18571
50 kg	360 - 395 mm	18572
180 kg	560 - 590 mm	18573
50 kg	330 - 370 mm (only for Heavy Duty pumps)	18576
50 kg	360 - 405 mm (only for Heavy Duty pumps)	18577
180 kg	550 - 590 mm (only for Heavy Duty pumps)	18578



Pump Ram Systems

Two Post Ram

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

Measurements

Base - 39" (830 mm) x 24" (600 mm)

Raised Height - (2.230 mm)

Lowered Position Height - (1.320 mm)

Description

Two Post Ram without pump

Two Post Ram with pump 12821

Two Post Ram with pump 12831

Part No

18310



18300

18340

18370

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.

Measurements

Raised Height - (2.620 mm)

Lowered Position Height - (1.620 mm)

Description

Single Post Ram without pump (185 kg)

Single Post Ram with pump 12822

Single Post Ram with pump 12832

18400



18400

18440

18470

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 pumps. Only for Heavy Duty Pumps with eye bolt.

Measurements

Raised Height - (2.620 mm)

Lowered Position Height - (1.620 mm)

Description

Pump Hoist

18305



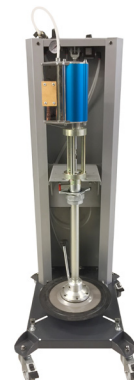
Pump Ram for Sticky Grease 12-20 kg

Mobile unit designed for use with hard to pump, sticky and high viscosity greases up to NLGI3. A pneumatic piston elevates the pump for replacing an empty pail. The pneumatic piston also pushes down when the pump is in use.

Description

Pump Ram with pump 12651

18200



Series ORK, ORM

Open hose reel with a steel braided hydraulic hose, fitted with swaged couplings.

	Length	Diameter	Conn.threads	Work pressure		
	m	mm-inch		MPa	bar	
Series ORK	10	6,3 - 1/4"	G1/4" (f)	40	400	15112
Series ORM	15	10 - 3/8"	In G3/8" (f) Out G1/4" (m)	40	400	15125

Series ORS

Open single arm hose reel made in aluminium with a steel braided hydraulic hose, fitted with swaged couplings.

	Length	Diameter	Conn.threads	Work pressure		
	m	mm-inch		MPa	bar	
Series ORS	10	6,3 - 1/4"	G1/4" (f)	35	350	15212
Series ORS	15	10 - 3/8"	In G3/8" (f) Out G1/4" (m)	35	350	15225

Series OR

Open hose reel with steel braided hydraulic hose, fitted with swaged couplings.

	Length	Diameter	Conn.threads	Work pressure		
	m	mm-inch		MPa	bar	
Series OR	15	10 - 3/8"	G3/8" (f)	40	400	15325

Series LOR

Open hose reel with steel braided, oil resistant rubber hose.

	Length	Diameter	Conn.threads	Work pressure		
	m	mm-inch		MPa	bar	
Series LOR	25	10 - 3/8"	G3/8" (f)	40	400	15527

Series ORL

Heavy duty open hose reel with steel braided rubber hose, fitted with swaged couplings.

	Length	Diameter	Conn. threads	Working Pressure		
	m	mm-inch		MPa	bar	
Series ORL	20	12,5 - 1/2"	G1/2" (f)	24	240	15436

Series CRO

A medium sized enclosed hose reel. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

	Length	Diameter	Conn.threads	Work pressure		
	m	mm-inch		MPa	bar	
Series CRO	10	6,3 - 1/4"	G1/4" (f)	35	350	16212
Series CRO	15	10 - 3/8"	In G3/8" (f) Out G1/4" (f)	35	350	16225

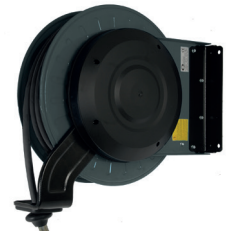
Series CRK

A medium sized enclosed hose reel. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

	Length	Diameter	Conn.threads	Work pressure		
	m	mm-inch		MPa	bar	
Series CRK	10	6,3 - 1/4"	G1/4" (f)	35	350	16412
Series CRK	15	10 - 3/8"	In G3/8" (f) Out G1/4" (f)	35	350	16425

More information, see the Hose reel section!

Part No



Grease Control Valves and Accessories

Grease Control Valve

Control valve with outlet tube and hydraulic nozzle, PN 50 MPa (500 bar).

Description	Conn. thread	Max .pressure
Grease control valve	G1/4" (f)	50 MPa (500 bar)
Grease control valve w. Z-swivel	G1/4" (f)	50 MPa (500 bar)
Grease control valve w. Z-swivel & hose (450mm)	G1/4" (f)	50 MPa (500 bar)

Note! Adapter 25102032 is required when used with a 3/8" hose reel.

Part No

14612



14615



99600



14612
14615
99600

Grease Control Valves - High Pressure

Pressure can be increased to 80 MPa (800 bar) by pumping the handle.

Description	Conn. thread	Max connection pressure
Grease control valve inlet filter and release valve included	G1/4" (m)	50 MPa (500 bar)
Grease control valve	G1/8" (f)	50 MPa (500 bar)

Note! Do not use with outlet hose.

14625



14626



14625
14626

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.

Max working pressure 50 MPa (500 bar).

Max flow 2.000 gr/min.

Accuracy +/- 3 %.

Description	Conn. thread	Max .pressure
Meter with control valve	G1/4"(f)	50 MPa (500 bar)
In-line meter	G1/8"(f)	50 MPa (500 bar)

14720



14710



14720
14710

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.

Description	Conn. threads	Max. pressure
Straight swivel	G1/4"(m) - G1/4"(f)	50 MPa (500 bar)
Z-swivel	G1/4"(m) - G1/4"(f)	50 MPa (500 bar)
Z-swivel	1/4" NPT(m) - 1/2"-27(m)	50 MPa (500 bar)
Z-swivel	G1/8"(m) - G1/4"(f)	50 MPa (500 bar)

18070



18072



18071/18073



18070
18071
18072
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.

Description	For container	Hose length	Trolley
Grease pump, Portable	12-20 kg	2 m	-
Grease pump with trolley	12-20 kg	2 m	28528
Grease pump with trolley	50 kg	3 m	28528
Grease pump with trolley	50 kg	3 m	28526
Grease pump with trolley	180 kg	3 m	28667
Grease pump with trolley	180 kg	3 m	28645
Grease pump with trolley	180 kg	Hose Reel	28645

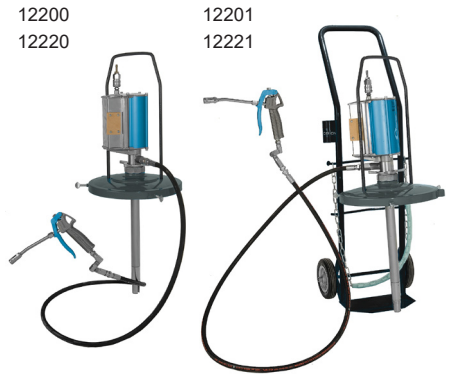
With 80:1 grease pump capacity appr. 730 g/min.

Description	For container	Hose length	Trolley
Grease pump, Portable	12-20 kg	2 m	-
Grease pump with trolley	12-20 kg	2 m	28528
Grease pump with trolley	50 kg	3 m	28528
Grease pump with trolley	50 kg	3 m	28526
Grease pump with trolley	180 kg	3 m	28646
Grease pump with trolley	180 kg	3 m	28645

Note! Follower plate ordered separately.

Part No

12200
12201
12205
12305
12210
12213
12214



12220
12221
12225
12325
12230
12233



Mobile Pump for Chassis Lube

Complete unit for 180 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 180 kg drum 28645, drum cover 18542 and follower plate 18572

Description	Dimension
Chassis lube unit	450 x 620 x 1.200 mm

22057



Mobile Grease Pumps

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.

Description	For container	Hose length
Grease pump (55:1)	12-20 kg	(Pump only)
Grease pump (55:1)	50 kg	(Pump only)
Grease pump (55:1)	180 kg	(Pump only)

Grease pump, Portable	12- 20 kg	2 m
Grease pump with trolley	12-20 kg	2 m

Grease pump with trolley	50 kg	3 m
--------------------------	-------	-----

Grease pump "De-Luxe"	12-20 kg	2 m
Grease pump "De-Luxe"	50 kg	3 m

Description	For	Dimension
Empty inner container 50 kg drum	12135	Ø 365 x 680 mm
Empty inner container 20 kg drum	12134	Ø 295 x 375 mm

Note! Follower plate ordered separately.

Part No

12130

12121



12540
12541
12542

12130
12121

12131

12134
12135

12134

12131



2345386
1825106

Mobile Grease Pumps, "De-Luxe", 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.

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

Description	For container	Hose length
Grease pump "De-Luxe"	12- 20 kg	2 m
Grease pump "De-Luxe"	50 kg	3 m

Description	For	Dimension
Empty inner container 50 kg drum	12235	Ø 365 x 680 mm
Empty inner container 20 kg drum	12234	Ø 295 x 375 mm

Note! Follower plate ordered separately.

12235

12234



12234
12235

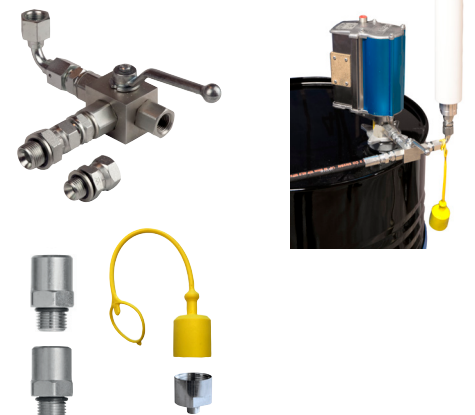
2345386
1825106

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.

Description
Filler kit for screw-in type cartridges
Empty screw-in cartridge

SPEC1201



SPEC1201
1315630

Portable Grease Pump

Portable grease pump, complete with hose and hydraulic coupling.

Description	Volume	Gram/Stroke	Max pressure	Dimension (L x W x H)	Weight (appr.)
Portable pump Round container	16 kg	7,5	15 MPa (150 bar)	490 x 240 x 630 mm	7,3 kg
Portable pump Oval container	16 kg	*	35 MPa (350 bar)	380 x 170 x 620 mm	9,15 kg
Portable pump OriCan container	16 kg	30	15 MPa (150 bar)	490 x 240 x 639 mm	7,3 kg

*Adjustable between a flow of 10, 15 or 20 gr/stroke.

Part No



High Pressure Grease Pump

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

Description	Capacity	Max pressure	Diameter (drum lid)
High pressure pump	2gr/stroke	35 MPa (350 bar)	Ø 265-310 mm
High pressure pump	2gr/stroke	35 MPa (350 bar)	Ø 285-330 mm



Foot Grease Pump

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

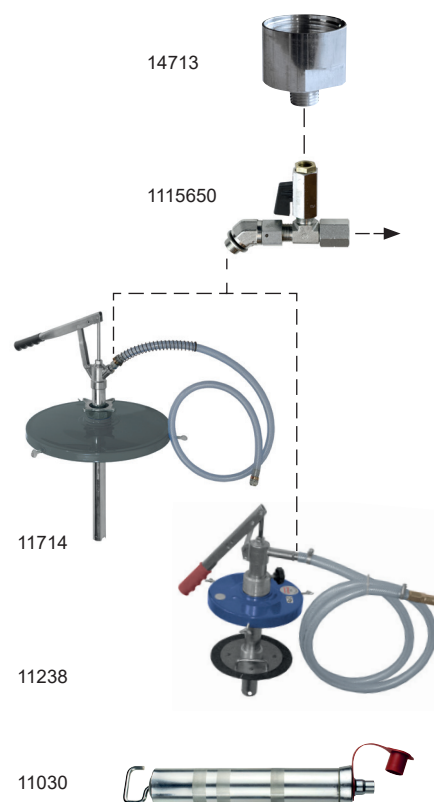
Description	Volume	Max pressure	Capacity
Foot Pump	5 kg	50 MPa (500 bar)	2 gr/stroke



Grease Reservoir Filler Pump

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

Description	Drum lid
Filler Pump for 5 kg drums	Ø 160-212 mm
Filler Pump for 15-18 kg drums	Ø 240-300 mm
Filler Pump for 25 kg drums	Ø 285-335 mm
Filler Pump for 50 kg drums	Ø 365-415 mm
Filler Pump for 12 - 18 kg drums	Ø 265-310 mm
Filler Pump for 20 kg drums	Ø 285-330 mm
Filler Pump for 50 kg drums	Ø 350-395 mm
T-adapter connection kit for Filler pumps	
Filling adapter for screw-in type cartridges	
Quick coupling	
Quick nipples	
Filler pump for 400/500g cartridges	
Adapter for 11030 M20 x 1,5 (m)	
Adapter for 11030 M22 x 1,5 (m)	



Hand Operated Grease Pumps

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.

Volume	Dimension	Type of nozzle
60 cm ³	Ø 30 x 115 mm	Funnel/hydraulic nozzle
60 cm ³	Ø 30 x 115 mm	Pointed nozzle
150 cm ³	Ø 40 x 240 mm	Funnel nozzle
150 cm ³	Ø 40 x 240 mm	Pointed nozzle
150 cm ³	Ø 40 x 240 mm	Hydraulic nozzle
60 cm ³	Ø 30 x 115 mm (plastic)	Funnel/hydraulic nozzle

Part No

11001



11025



Filled with a universal grease.

11001
11002
11003
11004
11005
11025

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.

Description	Capacity	Max.pressure
Standard	0,8 g/stroke	350 bar

Lever grease pump, basic version

11205 with 200 mm grease hose - part.no 14042

11205 with 300 mm grease hose - part.no 14043

11205 with 450 mm grease hose - part.no 14044

Grease pump with 1000 cm³ container

Adapter and tube for screw-in type cartridge

Empty screw-in cartridge

11205
1120510
1120520
1120530
11214
14726
1315630



11205



11214



11210

Lever Grease Pump, Industry

0,8 g/stroke

700 bar

Lever grease pump with bleeder nipple and hydraulic coupling

11210 with 300 mm grease hose (part.no 14043).

11210
1121020

Lever Grease Pump 750, Heavy duty

0,8 g/stroke

750 bar

Lever grease pump with a comfortable handle, bleeder nipple, hose and hydraulic coupling. Delivered in a stylish box.

11750



11750



Lever Grease Pump "Speedy Grease" with magnet. (not for bulk grease)

2,5 g/stroke

800 bar

Lever grease pump with hose, fitting and followers.

Follower 24 pcs

Adapter for screw tube

11207
1315625
1315627



11207

Lever Grease Pump, Professional Duty

1,3 g/stroke

700 bar

Lever grease pump with bleeder nipple and hydraulic coupling

Adapter and tube for screw-in type cartridge

11220
14727



11220

Lever Grease Pump, Extra Heavy Duty

1,1 or 1,7 g/stroke

700 bar

Lever grease pump with bleeder nipple and hydraulic coupling

11230



11230

We also have lever grease guns for extreme applications, contact us for further information.

Hand and Air operated Grease Pumps

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.

Model	Capacity approx.	Max pressure
Standard	0,7g/stroke (NLGI 2)	45,5 MPa (455 bar)
Industry	0,8 g/stroke (NLGI 2)	45,5 MPa (455 bar)

Part No

11226
11225



Air Operated Grease Pump

Air operated grease gun 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. 1,3 g of grease. Pressure ratio 60:1.

Description	Max air pressure	Follower	Outlet	Capacity (approx.)
Air operated grease pump	1 MPa (10 bar, 150 psi)	Spring	Hose	500 cm ³
Air operated grease pump	1 MPa (10 bar, 150 psi)	Air driven	Hose	1.000 cm ³

12517

12527



Grease Outlet Hoses

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

Description	Hose length	Connection thread
Outlet hose	200 mm	G 1/8" (male male)
Outlet hose	300 mm	G 1/8" (male-male)
Outlet hose	450 mm	G 1/8" (male-male)
Outlet hose with relief valve		
Outlet hose	1.000 mm	G 1/8" (male-male)
Outlet hose	2.500 mm	G 1/8" (male-male)
Adapter (0105-2)	-	G 1/8" (female-female)

14042
14043
14044
14044AVLAST
14047
14052
25101915



Loader Pump for Grease Pumps

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

Description

Loader Pump for 12 - 18 kg drums (265- 310 mm)
Loader Pump for 20 kg drums (285-330 mm)
Loader Pump for 50 kg drums (350-395 mm)

Filling adapter for screw-in type cartridges
Empty screw-in cartridge
Dust cover for 14713

11710
11711
11712

14713
1315630
1315656



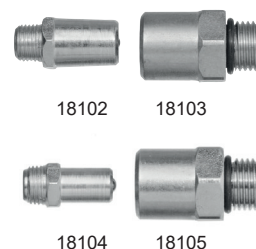
Loader Nipple

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

Description	Connection thread
Size Ø 12 mm	
Loader nipple for lever pumps	G 1/8"(m)
Loader valve for the loader pump, to be used with nipple 18102	G 1/4"(m)
Size Ø 9 mm	
Loader nipple for lever pumps	G 1/8"(m)
Loader valve for the loader pump, to be used with nipple 18104	G 1/4"(m)

18102
18103

18104
18105



Cordless Grease Pumps

Adapter for concertina cartridge

Color	Fits
Gray	13517
Red	11220, 11230, 11225
Aluminium	11207
Red	13507, 13523, 13524, 13526, 13527

Part No

14534
14535
14536
14538



14,4 Volt Cordless Grease Pump, Li-Ion Battery

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 160 gr/min., has a capacity to deliver 17 cartridges per battery charge. Supplied with one Li-Ion high-capacity 14,4 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.

Description	Max capacity	Max Pressure	Weight	
Grease pump	160 gr/min.	69 MPa (690 bar)	2,9 kg	13507



18 Volt Cordless Grease Pump, Li-Ion Battery

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.

Description	Max capacity	Max Pressure	Weight	
Grease pump	160 gr/min.	45 MPa (450 bar)	6 kg	13517
Extra battery				1355020
230 V Charger				1355022
Adapter and tube for screw-in type cartridge				14726



Cordless Grease Pump, 20 Volt 2,5Ah Li-Ion Battery

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.

Description	Max capacity	Max Pressure	Weight	
Grease pump	113/170 gr/min.	69 MPa (690 bar)	2,9 kg	13523
Grease pump, as 13523 but with 2 batteries				13524
Grease pump, as 13523 but with 4Ah battery				13526
Grease pump, as 13526 but with 2 batteries				13527
Extra battery 4 Ah				1355050
Battery charger				343299
Adapter and tube for screw-in type cartridge				14727



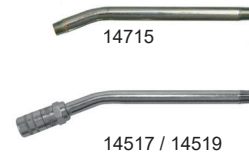
Grease Outlet Tube

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

Description	Diameter	incl nozzle	jaws
Outlet tube only, L=140 mm	Ø 10 mm	-	-
Outlet tube + nozzle, L=140 mm	Ø 15 mm	14512	4 pcs
Outlet tube + nozzle, L=140 mm	Ø 18 mm	14514	3 pcs

Part No

14715
14517
14519

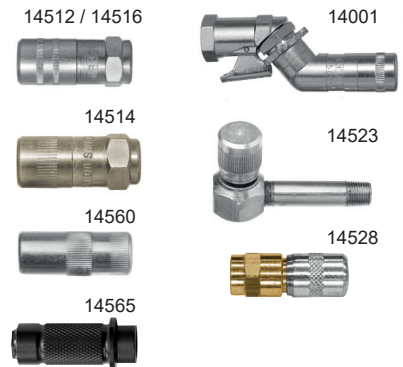


Hydraulic Nozzle

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

Description	Diameter	Jaws	Comment
Hydraulic nozzle	Ø 15 mm	4 st	
Hydraulic nozzle	Ø 15 mm	4 st	Non return valve
Hydraulic nozzle	Ø 18 mm	3 st	
Hydraulic nozzle	Ø 14 mm	3 st	
Hydraulic nozzle, lock-on	Ø 14 mm	-	NPT, Quick release adjustable 360°
Hydraulic nozzle	Ø 18 mm	3 st	
Release valve, for releasing of looked nozzles			
Release valve, for releasing of looked nozzles, Straight			

14512
14514
14560
14565
14001
14523
14528
14565
14528



Slip-Sleeve Connectors

For easy change of different nozzles.

Description	Connection
Slip-Sleeve connector for 14514	G1/8" (m)
Slip-Sleeve connector for 14514	G1/8" (f)
Slip-Sleeve connector for 14514	Ø 10 mm for cardan joints
Slip-Sleeve connector for 14514	90° with nozzle 14512
Slip-Sleeve connector for 14514	90° with nozzle 14514
Slip-Sleeve connector for 14512	Needle 45 mm

14015
14016
14017
14018
14019
14070

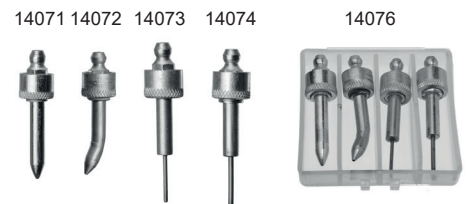


Slip-Sleeve, Needle Nozzles

For connection to all hydraulic nozzles.

Description	Needle	Length
Slip-Sleeve Needle nozzle	Ø 6 mm	33 mm
Slip-Sleeve Needle nozzle	Ø 6 mm angel 45°	33 mm
Slip-Sleeve Needle nozzle	Ø 1,5 mm	45 mm
Slip-Sleeve Needle nozzle	Ø 2 mm	45 mm
Kit of all four in a plastic box		

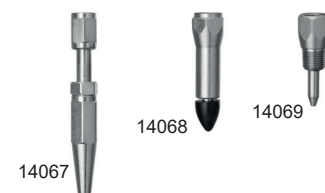
14071
14072
14073
14074
14076



Needle Nozzles

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

Description	Part No
Needle nozzle with protection	14067
Needle nozzle with rubber tip	14068
Needle nozzle	14069



Button Head Nozzles

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

Description	Nipple head	Height	Sealing
Button Head	Ø 16 mm, 15 mm 6-hex	20 mm	Rubber
Button Head	Ø 16 mm, 15 mm 6-hex	21 mm	Metallic
Button Head	Ø 16 mm, 15 mm 6-hex	22 mm	Rubber
Button Head	Ø 22 mm	28 mm	Rubber
Button Head	Ø 22 mm	44 mm	Rubber
Button Head	Ø 22 mm	21 mm	Metallic

Packing Kit for 14056

14048
14046
14055
14050
14056
14057
398726
398726



The Grease Joint Rejuvenator

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

Description

The Heavy Duty Grease Joint Rejuvenator cleans and unclogs grease joints and fittings. Supplied with a 125 mm (5") Flex Hose and a Plastic Storage Box

Replacement nozzle for 11015

Part No

11015



11015

14516

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 Ø 19 - Ø 150 mm bearing size.



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.

Description	Working air pressure	Follower	Capacity
Air operated sprayer	3-5 bar	Air driven	400cc screw cartridge

12519



Hydraulic Grease Fittings

LUB-Nozzles

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

Description

LUB, Zerk
LUB, Flush

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.

PartNo Straight	Part 45°	Part 90°	Conn.thread (m)	Remark
509F	519F	535F	R1/8"	
509FROSTFRI			R1/8"	Stainless steel
509	519	535	1/8" NPTF	
509ROSTFRI			1/8" NPTF	Stainless steel
1669B			1/8" NPTF	Length under hex., 32 mm
1684B			1/8" NPTF	Length under hex., 54 mm
512	NA5805/1	538	G1/4"	
512ROSTFRI			G1/4"	Stainless steel
515			G3/8"	
504	NA7206	576	M6x1	
504ROSTFRI			M6x1	Stainless steel
1697			M6x1	Length under hex., 19 mm
505	505B	577	M8x1	
505ROSTFRI			M8x1	Stainless steel
507	514B	514	M8x1,25	
580	584	583	M10x1	
580ROSTFRI			M10x1	Stainless steel
516			W1/4"	
511			W3/8"	
513K	547K	525	1/4"-28 SAE-LT	
1698			1/4"-28 SAE-LT	Length under hex., 21 mm
TEC500			Ø 6 mm	Drive fitting
501			Ø 8 mm	Drive fitting
502			Ø 5/16"	Drive fitting

Grease Fitting Selection

Kit of 350 fittings selected from the 17 most commonly used hydraulic fittings. The box is made of crush proof plastic.

Kit of an assortment of M6x1, M8x1,25, M10x1 and G 1/8" in straight, 45°, 90° design, in all a total of 140 fittings. The box is made of plastic with 12 different compartments.

Protection Cover for Grease Fittings

Protects hydraulic grease fittings from ingress of dirt.

Description

Protection for grease fittings red
Protection for grease fittings yellow

Part No

14005
14006

14005

14006



509 / 509F



547K



525

19002

19009

19009



19002



P499



P499G



P499
P499G

LUB- and Button Head Fittings

LUB Grease Fittings

Material: Zinc coated steel.

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

Part No Straight	Part No 45°	Conn. thread (m)	Remark
109	116B	R1/8"	Zerk type
127	143	G1/8"	Flush type
112	119B	G1/4"	Zerk type
129		G1/4"	Flush type
185		M6x1	Zerk type
107		M8x1,25	Zerk type
108		M10x1	Zerk type
105		W1/4"	Zerk type
110		W5/16"	Zerk type
101		Ø 6 mm	Drive fitting, Zerk
121		Ø 6 mm	Drive fitting, Flush
102		Ø 8 mm	Drive fitting, Zerk
120		Ø 8 mm	Drive fitting, Flush

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.

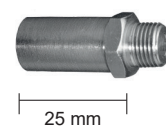
Part No Ø 22 mm	Part No Ø 16 mm	Part No 15 mm hex.	Conn. thread (m)	Remark
	ND6172	208	G1/8"	
		208ROSTFRI	G1/8"	Stainless steel
	A1184		1/8" NPTF	
1824	ND6160	211	G1/4"	Length under hex., 32 mm
		211ROSTFRI	G1/4"	Stainless steel
ND6151			G3/8"	
	ND6161		G3/8"	
1823	A1186		1/4" NPTF	
1822A	A1188		3/8" NPTF	
18201	A1190		1/2" NPTF	
	M101Fz		M10x1	Length under hex., 16 mm
	M101Ro		M10x1	Stainless steel

Extension

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

Description	Length	Conn. threads
Extension	32 mm (overall), extends the fitting approx. 25 mm	G1/8" (f) - G1/8" (m)

171



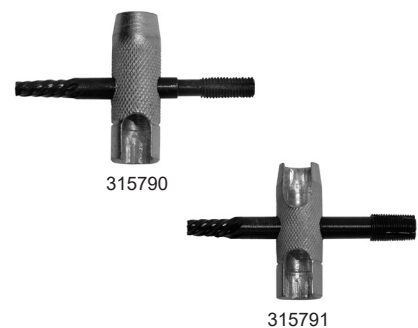
Fitting Tool

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

Description

Fitting tool 1/4" - 28" SAE

Fitting tool 1/8" NPT

315790
315791

Air Treatment Units

Description	Conn. thread	Consisting of
Air treatment unit	G1/4 (f)	42107, 42009, 42110, 301296
Air treatment unit	G1/4 (f)	42107, 42009, 42108, 42112

Accessories:

Bracket for 42103 to mount on top of 12750-757 series pumps.
Air hose for Air Treatment Unit.

Part No

42103

42105

2026154
2226155

42103



42105



2026154



2226155



Air Line Hoses

Used to connect the compressed air supply to the pump, made of armoured PVC, max. working pressure 1,5 MPa (15 bar), with swaged couplings; one with swiveling nut and connection adapter (male/male).

Description	Hose Diameter	Length	Conn. thread	Part No
Air line hose	1/4" i.d.	1,5 m	G1/4"	48001
Air line hose	1/4" i.d.	3,0 m	G1/4"	480013M
Air line hose	3/8" i.d.	1,5 m	G3/8"	48002
Air line hose	3/8" i.d.	3,0 m	G3/8"	480023M
Air line hose	1/2" i.d.	2,0 m	G1/2"	48017

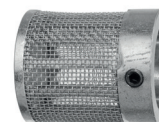
48001



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.

1125372

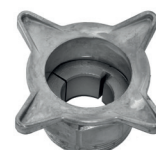


Bung Adapters

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

Tube diameter	Fits Orion pump models	Part No
40 mm	12852	28590
30 mm	12750, 12751, 12752, 12755, 12756, 12757, 12650-52	28591
26 mm	12540, 12541, 12542	28586
Dust cover for drum adapter		29057

28586



29057

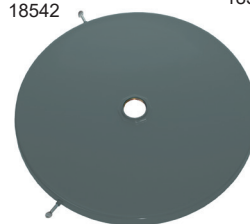


Drum Covers

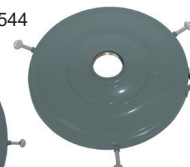
Made of sheet metal with G2" (f) thread for the pump bung adapter and three retaining screws.

Drum size	Fits drum with outer diameter	Part No
12,5-20 kg	275 - 305 mm (prepared with 2 extra holes for fixation of carrying handle).	18544
18-20 kg	290 - 327 mm	18545
50 kg	345 - 380 mm	18546
50 kg	360 - 405 mm	18543
180 kg	560 - 605 mm	18542
50 kg	360 - 405 mm (only for Heavy Duty pumps)	18548
180 kg	560 - 605 mm (only for Heavy Duty pumps)	18547
Spare screw kit (3 screws)		1485016
Carrying handle for 18544		1125357
T-screw kit for plastic buckets (20 kg)		1385111
Grease gun holster for drum lids		18507

18542



18544



1385111



18507



1125357

Accessories

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.

Drum size	Fits drum with inner diameter
12,5 kg	230 - 260 mm
18-20 kg	265 - 290 mm
50 kg	300 - 330 mm
50 kg	340 - 360 mm
50 kg	360 - 395 mm
180 kg	560 - 590 mm
50 kg	330 - 370 mm (only for Heavy Duty pumps)
50 kg	360 - 405 mm (only for Heavy Duty pumps)
180 kg	550 - 590 mm (only for Heavy Duty pumps)

Adapter for Follower Plates

Attaches to the follower plate to further maximise emptying of the grease drum. Fits the follower plates on the previous product.

Description

Grease pumps series 126-127 series
 Grease pump 12852
 Grease pump 12821, 12831

Grease Line Filter

For installation in grease distribution pipework (grease outlets). Built-up with discs which provide simplified cleaning. The filter withstands high pressure drops which eliminates the risk of cartridge bursting when contaminated.

Description	Filter rating	Conn.thread (m)	Max pressure
Grease filter	100 µm	G1/4", G3/8" alt G1/2"	50 MPa (500 bar)

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	Hose Length	Part No	Hose Length
18122	2 m	18128	9 m
18123	3 m	18129	10 m
18124	4 m	18130	12 m
18125	5 m	18131	15 m
18126	6 m	18132	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.

Description

Length 1,5 metres
 Length 4,0 metres
 Length 6,0 metres
 Length 2,0 metres

High Volume Grease Supply Hose

High pressure hose, 1/2" i.d., double wire braided.

Description

Length 4,0 metres

Grease accumulator

2 liters, length 445 mm, diameter 115 mm, G 1/2" (f)

Part No

18569
 18570
 18575
 18571
 18572
 18573
 18576
 18577
 18578



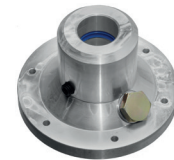
18570

18576

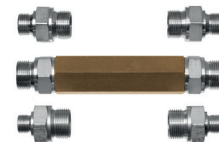


18573

18565



18565
 18566
 18316



14527

18122



18107



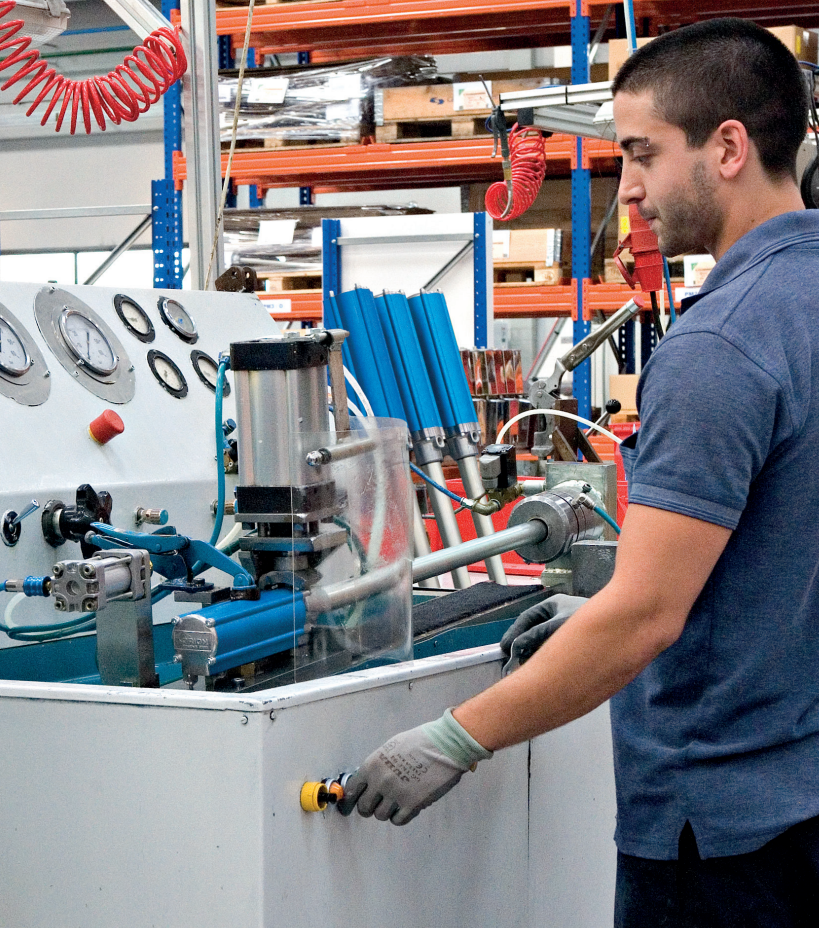
18107
 18110
 18112
 18111

24665

18150

24665





2 oil

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Air Operated Oil Pumps

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).

Pressure ratio 1:1

Capacity Max 40 l/min., free flow, at 1,0 MPa, (10 bar)
Air pressure Max 1,0 MPa (10 bar)
Connections Air: G1/4" (f)
 Oil: Outlet G3/4" (f)
 Inlet (22800) G1" (f)

Description

Stub pump
 Barrel pump for 205 l drums

Part No

22800



22805



22800

22805

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.

Pressure ratio 3:1

Capacity Max 22 l/min., free flow, at 1,0 MPa, (10 bar)
Air pressure Max 1,0 MPa (10 bar)
Connections Air: G1/4" (f)
 Oil: Outlet G3/4" (f)
 Inlet (22810) G3/4" (f)

Description

Stub pump
 Barrel pump for 60 l drums
 Barrel pump for 205 l drums

22810



22819



22815

22810

22819

22815

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.

Pressure ratio 5:1

Capacity Max 38 l/min., free flow, at 1,0 MPa, (10 bar)
Air pressure Max 1,0 MPa (10 bar)
Connections Air: G1/4" (f)
 Oil: Outlet G3/4" (f)
 Inlet (22750) G1" (f)

Description

Stub pump
 Barrel pump for 205 l drums
 Pump for tank, max depth 1 500 mm

22750



22752



22750

22752

227521550

NOTE! Do not use any air operated pump for volatile or highly inflammable liquids like Petrol (Gasoline).

** The 3:1 and 5:1 pump are equipped with a pressure relief valve. The use of a Pressure Relief Valve protects the system components against excessive system pressure which can result from heat expansion. (1°C temperature increase results in approx. 10 bar increase in the static system pressure)

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).

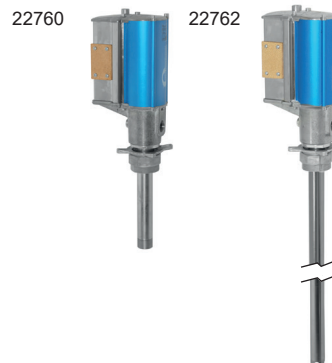
Pressure ratio	15:1
Capacity	Max 15 l/min., free flow, at 1,0 MPa, (10 bar)
Air pressure	Max 1,0 MPa (10 bar)
Connections	Air: G1/4 "(f)
	Oil: Outlet G3/4" (f)
	Inlet (22760) G3/4" (f)

Description

Stub pump
Barrel pump for 205 l drums

Part No

22760
22762



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.

Air motor	4 1/2" (115 mm) / 6" (150 mm)
Air pressure	Max 1,2 MPa (12 bar)
Connections	Air: G1/2 "(f)
	Oil: Outlet G3/4" (f)
	Inlet G1 1/2" (f)

Description

	Capacity*
3:1 Stub pump	120 l/min
6:1 Stub pump	100 l/min
10:1 Stub pump	68 l/min
10:1 Barrel for 205 l drums	68 l/min
6:1 Stub pump	100 l/min
12:1 Stub pump	65 l/min

* Engine oil (SAE 10W30) at 20 °C @ 0,7 MPa (7 bar)

22443

22450

22440
22441
22443
22442
22450
22451



Installation Kit for Heavy Duty Oil Pumps

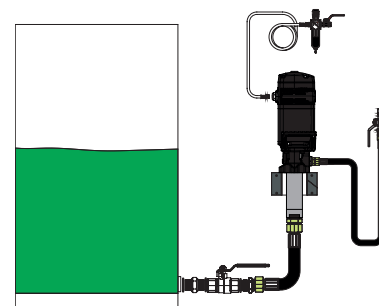
Components for a remote wall mounted air operated oil pump with a suction hose connected to the bottom tank outlet.

Information

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

Note! Pump not included.

99620



Electric Pumps & Air Operated Diaphragm Pumps

Electric Pump 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)

Capacity*	Max dynamic pressure	Max static pressure	Engine power	Pressure switch
9,5 l/min.	12 bar	20 bar	0,60 kW	Yes
13 l/min.	16 bar	25 bar	0,78 kW	Yes
9,5 l/min.	25 bar	40 bar	0,78 kW	Yes
50 l/min.	8 bar	-	1,50 kW	No
70 l/min.	8 bar	-	2,00 kW	No

* Engine oil (SAE 10W30) at 20 °C

Installation Kit for Electric Pump for Oil

Components for an electric oil pump.

Information

Oil line hose 1,5 m x 3/4"

Drum suction attachment (28310) with 2,0 m hose and 1,0 m tube.

Oil line hose 1,5 m x 3/4"

Drum suction attachment (28311) with 2,0 m hose and 1,7 m tube.

Note! Pump not included.

Air Operated Diaphragm Pump 1:1

Transfer pump for connection to bulk tank or drum.

Double acting air operated pump for transferring oil and non-corrosive liquids.

Pressure ratio 1:1

Capacity	
22210	Max 50 l/min., free flow, at 0,7 MPa (7 bar).
22310	Max 100 l/min., free flow at 0,7 MPa (7 bar).
22332	Max 200 l/min., free flow at 0,7 MPa (7 bar).
22330	Max 250 l/min., free flow at 0,7 MPa (7 bar).

Air pressure 0,15 MPa (1,5 bar) - 0,8 MPa (8 bar)

Connections Air: 22210, 22310 G3/8" (f)
22330 NPSM 1/2" (f)

Oil: 22210 inlet-outlet G1/2" (f)
22310 inlet-outlet G1" (f)
22332 inlet-outlet G 1"
22330 inlet-outlet G1 1/2"

Magnetic Feet with Rubber Cover

for mounting the diaphragm pump on steel drums or tanks. Set of 4 pcs.

Installation Kit for Diaphragm Pump

Components for an air operated Diaphragm pump, for 205 l drums and 1.000 l IBC containers.

Information

Air line hose (48001) 1/4" L= 1,5 m

Oil line hose (28079) 3/4" L= 1,5 m

Suction hose 28310 L= 2,0 m and suction tube L= 1,0 m

Installation kit for 22210 with air treatment unit

Installation kit for 22210 without air treatment unit

Installation kit for 22310 with air treatment unit

Installation kit for 22310 without air treatment unit

Floor mounted pump installation kit

Air line hose (48017) 1/2" L= 2 m

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

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

Installation kit for 22330 with air treatment unit

Installation kit for 22330 without air treatment unit

Note! Pump not included, ordered separately.

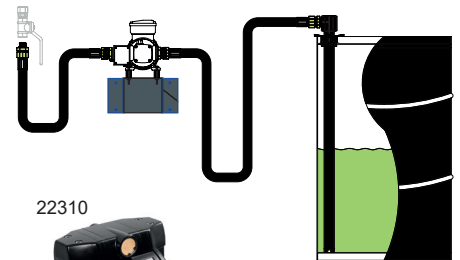
Part No

52510
52515
52520
52525
52527



99656

99659



22310

22332

22330

22210

98876

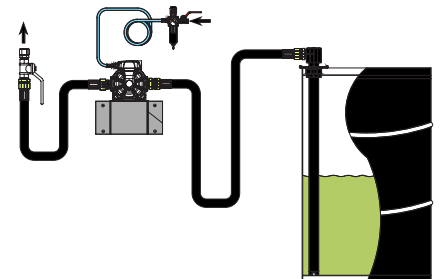


22210
22310
22332
22330

Body	Valves	Diaphragm	Other wetted materials
Aluminium	Acetal	Hytrel®	Teflon®, Viton®, NBR, Stainless steel
Aluminium	Hytrel®	Hytrel®	Teflon®, NBR, Stainless steel
Aluminium	Acetal	TPE	Nitril, Stainless steel
Aluminium	Acetal	Hytrel®	NBR, Stainless steel

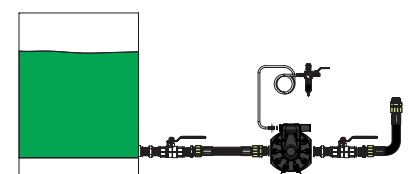
98876

99667



99666
99766
99667
99767

99670



99670
99770

Installation Kits for 227 & 228-Series Pumps

Drum mounted Pump Installation Kit

Components for a drum mounted air operated oil pump (205 l drum or tank).

Information

Air line hose (48001) 1,5 m x 1/4"
Oil line hose (28079) 1,5 m x 3/4"

With air treatment unit
Without air treatment unit

Note! Pump not included.

Part No

99625
99725



Wall mounted Pump Installation Kit

Components for an air operated pump, for 200 l drums and 1.000 l IBC containers.

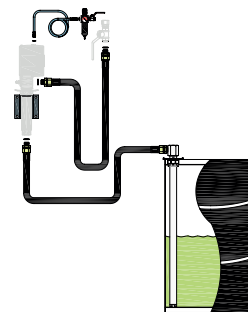
Information

Air line hose (48001) 1/4" L= 1,5 m
Oil line hose (28079) 3/4" L= 1,5 m
Suction hose (28310) L= 2 m and suction tube L= 1 m

With air treatment unit
Without air treatment unit

Note! Pump not included, ordered separately.

99626
99726



Wall mounted Pump Installation Kit

Components for a remote wall mounted air operated oil pump with a suction hose connected to the bottom tank outlet.

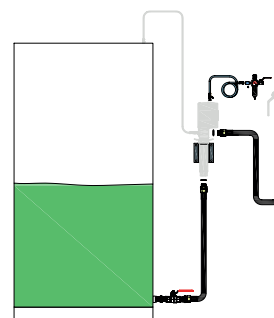
Information

Air line hose (48001) 1/4" L= 1,5 m
Oil line hose (28079) 3/4" L= 1,5 m
Oil suction hose (28078) 1 m hose

With air treatment unit
Without air treatment unit

Note! Pump not included.

99627
99727



Floor mounted Pump Installation Kit

Components for a remote floor mounted air operated oil pump with a suction hose connected to the bottom tank outlet.

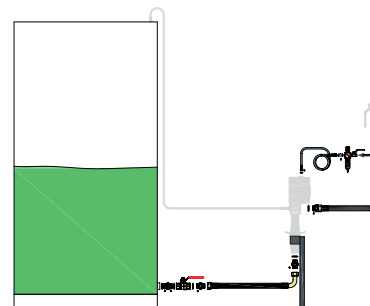
Information

Air line hose (48001) 1/4" L= 1,5 m
Oil line hose (28079) 3/4" L= 1,5 m
Oil suction hose (28080) 1 m hose

With air treatment unit
Without air treatment unit

Note! Pump not included.

99628
99728



Wall mounted Pump Installation Kit

Components for a remote wall mounted air operated oil pump with a tank suction attachment.

Information

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

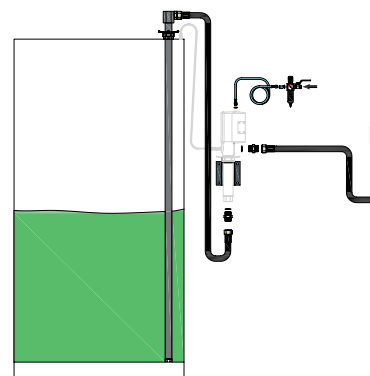
With Oil suction attachment (28311) 2 m tube and 1,7 m tube.
With air treatment unit
Without air treatment unit

With Oil suction hose (28321) 5 m hose for tank height max. 3 m.
With air treatment unit
Without air treatment unit

Note! Pump not included.

99629
99729

99624
99724



Spring Operated Hose Reels

Series ORK, ORM

Open hose reel with a steel braided hydraulic hose, fitted with swaged couplings.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series ORK	10	12,5 - 1/2"	G1/2" (f)	7,5	75	25132
Series ORM	15	12,5 - 1/2"	G1/2" (f)	7,5	75	25135

Series ORS

Open single arm hose reel made in aluminium with a steel braided hydraulic hose, fitted with swaged couplings.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series ORS	10	12,5 - 1/2"	G1/2" (f)	7,5	75	25232
Series ORS	15	12,5 - 1/2"	G1/2" (f)	7,5	75	25235

Series ORL

Heavy duty open hose reel with longer hose lengths, fitted with swaged couplings.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series ORL	20	12,5 - 1/2"	G1/2" (f)	7,5	75	25436
Series ORL	15	19 - 3/4"	G3/4" (f)	7,5	75	25455

Series OR

Open hose reel with longer hose lengths, fitted with swaged couplings.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series OR	20	12,5 - 1/2"	G1/2" (f)	6	60	25336

Series LOR

Open hose reel with steel braided, oil resistant rubber hose.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series LOR	25	12,5 - 1/2"	G1/2" (f)	6	60	25537
Series LOR	20	19 - 3/4"	G3/4" (f)	6	60	25556
Series LOR	15	25 - 1"	G1" (f)	6	60	25565

Series ORB

Extra Heavy Duty open hose reel with steel braided hose.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series ORB	30	12,5 - 1/2"	G1/2" (f)	6	60	25638
Series ORB	20	19 - 3/4"	G3/4" (f)	6	60	25656
Series ORB	25	19 - 3/4"	G3/4" (f)	6	60	25657
Series ORB	15	25 - 1"	G1" (f)	6	60	25665

Series CRO

A medium sized enclosed hose reel. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series CRO	10	12,5 - 1/2"	G1/2" (f)	7,5	75	26232
Series CRO	15	12,5 - 1/2"	G1/2" (f)	7,5	75	26235

Series CRK

A medium sized enclosed hose reel. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

	Length	Diameter	Conn. threads	Working Pressure		Part No
	m	mm-inch		MPa	bar	
Series CRK	10	12,5 - 1/2"	G1/2" (f)	7,5	75	26432
Series CRK	15	12,5 - 1/2"	G1/2" (f)	7,5	75	26435



Hose End Meters

- Hose End Meter (mechanical)** *complete with swivel, inlet strainer, outlet hose and non-drip nozzle*
- Preset Hose End Meter (mechanical)** *complete with swivel, inlet strainer, outlet hose and non-drip nozzle*
- Hose End Meter (digital)** *complete with swivel, inlet strainer, outlet hose, battery and non-drip nozzle*
- Preset Hose End Meter (digital)** *complete with swivel, inlet strainer, battery non-drip nozzle and formable outlet hose*

For other meter configurations refer to the Hose End Control section!

Part No

- 24792
- 24797
- 24785
- 24123



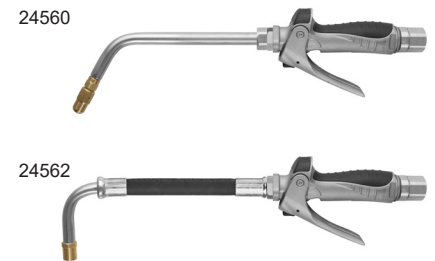
Oil Control Valves

Control valves made of aluminum with large flow capacity. Max pressure: 10,5 Mpa (105 bar). Swivel included. Inlet G1/2" (f).

Description

- Oil Control Valve without outlet tube
- Oil Control Valve with 60° rigid tube and lockable nozzle
- Oil Control Valve with hose 90° and lockable nozzle
- Oil Control Valve with hose 90° and automatic nozzle
- Oil Control Valve with hose 135° and automatic nozzle
- Oil Control Valve with straight hose and automatic nozzle

- 24675
- 24560
- 24561
- 24562
- 24564
- 24558



Control Valve

The control valve has an inlet strainer which minimizes the contamination risk. Max working pressure 5 MPa (50 bar), inlet G1/2" (m).

Description

- Control Valve Rigid outlet (24170), non drip nozzle (24527) and swivel (24586).
- Control Valve Hose outlet (2285346), non drip nozzle (24527) and swivel (24586).

For other control valve configurations, refer to the Hose End Control section!

- 2468010
- 2468050



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 semi-automatic non-drip nozzle. Max working pressure 10 MPa (100 bar), inlet G3/4" (f). Maximum flow rate 70 l/min.

Description

- Hose End Meter Rigid outlet, non drip nozzle
- Control Valve Rigid outlet, non drip nozzle
- Control Valve Hose outlet, non drip nozzle

- 24756
- 24567
- 24568



Drip Holsters

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

Description

- Drip holster
- Drip holster
- Drip holster
- Drip holster for drums

- 29090
- 29086
- 29096
- 29055



Drip Pans see the Hose Reel section!

Distribution Kits

Distribution Kit for Drum with Wall Mounted Pump, Enclosed Hose Reel and Hose End Meter

Consisting of pump 22810, hose reel 26432, hose end meter 24785, air treatment unit 42103 and fittings.

Description	Connection Hose length
Distribution kit	2 m
Distribution kit	4 m
Distribution kit	6 m

Part No

28330
28331
28332



Distribution Kit for Drum with Drum Pump, Enclosed Hose Reel and Hose End Meter

Consisting of pump 22815, hose reel 26432, hose end meter 24785, air treatment unit 42103 and fittings.

Description	Connection Hose length
Distribution kit	2 m
Distribution kit	4 m
Distribution kit	6 m

28335
28336
28337



Distribution Kits for 1.000 l Containers

Distribution Kit

1:1 ratio air operated oil pump 22800 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.

Distribution Kit with Diaphragm pump 22210

Note! Delivered without the container.

Bracket only

Suction hose including connection

Part No

28352

28353

92126

9320120



Distribution Kit

3:1 ratio air operated oil pump 22810 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 24785.

Note! Delivered without the container.

Distribution Kit with Diaphragm pump 22210

Note! Delivered without the container.

Bracket only

28354

28355

92126



Distribution Kit

3:1 ratio air operated oil pump 22810 mounted on a bracket on top of the container. Supplied with a 10 metre 1/2" hose reel 25132 and digital hose end meter 24785.

Note! Delivered without the container.

Bracket only

28356

92128



Contact us for other configuration options!

Tank Kits

Fresh Oil Tank 1.500 I, for Indoor Location

The tank comes with hose reel (26432), pump (22810), meter (24785) and the necessary hoses and tank connections.

Description

Without protection reservoir.

With protection reservoir.

Note! The tanks are supplied for self assembly.

Part No

SPEC2304
SPEC2305



SPEC2305

Fresh Oil Tank in Plastic with Sheet Metal Protection 1.500 I, for Indoor Location

The tank is supplied with hose reel (26432), pump (22810), hose end meter (24785) and necessary hoses and connections. The tank must be installed according to valid rules.

Tank accessories kit, fresh oil

Tank accessories kit, waste oil

Only tank, 1.500 I, L x W x H 1630 x 770 x 1850

Only tank, 1.000 I, L x W x H 1660 x 770 x 1590

Note! The tanks are supplied for self assembly.

SPEC2307

99430

99431

92095

92096



Oil dispenser for 200 I Drums

Consisting of an oil pump 22815, 3 metre 1/2" distribution hose with hose end meter 24785.

28340



Mobile Oil dispenser with safety trolley

Consisting of an oil pump 22815, hose reel 25132 with hose end meter 24785 and safety trolley 28350..

22159



Mobile Oil Dispensers, Air Operated

De-luxe Mobile Oil Dispensers for 20 and 60 l Drums

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

Oil pump/pressure ratio.	For drum	Max. drum-diameter	Length oil hose	L x W x H (mm)
22805/1:1	60 l	Ø 405 mm	3 m	650 x 510 x 1.280
22800/1:1	20 l	Ø 320 mm	2 m	400 x 400 x 800

Hand pump				
21650	60 l	Ø 405 mm	1,5 m	650 x 510 x 1.280
21650	20 l	Ø 320 mm	1,5 m	400 x 400 x 800

Accessories:

Description	For De-Luxe	Dimension
Empty 60 l drum	26006, 26016	Ø 365 x 680 mm
Empty 20 l drum	25006, 25016	Ø 295 x 375 mm

Part No

26016
25016

2345386
1825106

26006



26016



25006



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.

Description	Dimension (W x D x H)	Del. with trolley	Hose end meter
Oil dispenser	450 x 620 x 1.200 mm	28528	24785
Oil dispenser	500 x 450 x 1.250 mm	28526	24785

22152
22153

22153



Mobile Oil Dispensers for 200 l Drums

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

Description	Dimension (W x D x H)	Del. with trolley	Hose end meter
Oil dispenser	800 x 620 x 1.200 mm	28645	24785
Oil dispenser	800 x 620 x 1.200 mm	28667	24785

22154
22155

22154



Mobile Oil Dispensers for 200 l Drums

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

Description	Dimension (WxDxH)	Del. with trolley	Hose end meter
Oil dispenser	800 x 620 x 1.200 mm	28645	24785

22158

22158



If you have a need for Oil Dispensers in other configurations don't hesitate to contact us!

Mobile Oil Dispensers

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 24558 or digital meter 24785.

Description	Volume	Dim. (L x W x H)
Oil dispenser with control valve	approx. 24 l	350 x 380 x 780 mm
Oil dispenser with digital meter	approx. 24 l	350 x 380 x 780 mm

Spare parts:

Lid
 Gasket for lid
 Pressure gauge
 Safety valve

Part No

21076
21077

2395093
2395092
2315312
2315311

21076



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.

Description	Volume (approx.)	Capacity (approx.)	Dim. (mm) L x W x H
Mobile oil dispenser	24 l	0,1 l/stroke*	350 x 380 x 780

* Engine oil, +20 °C.

21067



Mobile Oil Dispensers for 20 and 60 l Drums

Trolley (28528) 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.

Description	Dimension (W x D x H)	Pump
Oil dispenser	450 x 230 x 1.200 mm	21650
Oil dispenser	450 x 230 x 1.200 mm	21506

Strap 1,5 meters long for small kegs

21656
21507
40801327

21656

21507



40801327



Mobile Oil Dispenser for 60 l Drums with Heavy Duty Trolley

Trolley (28526) 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 (21650) delivered with 1,5 m outlet hose (28569), shut-off valve and hooked outlet nozzle.

Description	Dimension (W x D x H)	Del. with trolley
Oil dispenser	500 x 450 x 1.060 mm	28526

21658



Mobile Oil Dispenser for 205 l Drums

Consists of a hand operated oil pump (21503), 1/2" oil hose (1,5m) with 135° angled spout, valve and drum trolley.

Description	Dimension (W x D x H)	Del. with trolley
Oil dispenser	450 x 620 x 1.200 mm	28645

21504



Mobile Oil Dispensers, Oil Bar

Portable Oil Dispensers

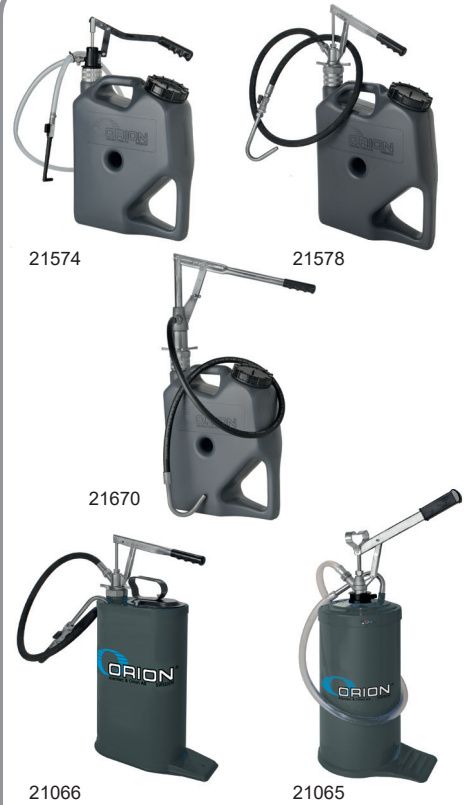
Portable oil pump fitted to a 16 l container with carrying handle. Supplied with a 1,5 m hose and angled outlet tube.

Description	Container	Dimension (L x W x H)	Capacity (approx.)*	Weight (approx.)
Oil dispenser	OriCan	400 x 150 x 630 mm	0,04 l/stroke	5,0 kg
Oil dispenser	OriCan	400 x 150 x 900 mm	0,1 l/stroke	5,0 kg
Oil dispenser	OriCan	400 x 150 x 900 mm	0,15-0,25 l/stroke	5,0 kg
Oil dispenser	Oval steel	380 x 170 x 700 mm	0,1 l/stroke	7,85 kg
Oil dispenser	Round steel	490 x 240 x 730 mm	0,13 l/stroke	6,5 kg

* Engine oil, +20 °C.

Part No

21574
21578
21670
21066
21065



Oil Dispensing Valve for Pump Installation

The valve is mounted directly on the pump outlet. To be used for filling of measures and cans.

Description	Connection thread
Oil dispensing valve	G3/4"

Note! Order pump separately!

24516



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.

Description	Dimension (W x D x H)	Connection thread	Part No
Oil dispensing bar	460 x 300 x 580 mm	G1/2"	24135
Extra valve kit		G1/2"	24509
Extra valve kit (stainless steel)		G1/2"	54509

24135



Hand Operated Pumps

Rotary Pump for Oil

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

Description	Suction tube length	Suction tube diam.	Capacity (approx.)**	Weight (approx.)
Rotary pump	900 mm tube in 3 sections	Ø 32 mm	0,25 l/turn	5,1 kg

** Engine oil, +20 °C.

Rotary Pump for Oil, Water Based Fluids and Other Chemicals

Rotary pump made of PVC with Ø 27 mm outlet pipe and G2" (m) bung adapter.

Description	Suction tube length	Suction tube diam.	Capacity (approx.)**	Weight (approx.)
Rotary pump	900 mm tube in 3 sections	Ø 44 mm	0,3 l/turn **	1,8 kg

** Engine oil, +20 °C.

Drum Pump

For transfer of oil and non corrosive fluids from 60 l (110 lbs) and 205 l (400 lbs) drums. Made of aluminium and steel with Nitrile seals, rigid outlet pipe, bung adaptor and telescopic suction tube. Capacity 0,45 l/stroke (0.12 US G/stroke) approx. 16 l/min. (4 1/4 US G/min.)

Description	For drum	Capacity (approx.)**
Drum pump, telescopic	60 to 200 l	0,45 l/stroke

** Engine oil, +20°C.

Drum Pump

Medium pressure lever pump for high viscosity lubricants. For transfer of oil and non corrosive fluids from 20 l and 205 l (400 lbs) drums. Made of steel with Nitrile seal and rubber hose (1,5 m) with angled spout and valve. Suction tube diameter Ø 36 mm.

Description	For drum	Capacity (approx.)**
Drum pump with outlet hose	20 l	0,1 l/stroke
Drum pump with outlet hose	60 l	0,1 l/stroke
Drum pump with outlet hose	200 l	0,1 l/stroke

Outlet hose, 1,5 meters, with 135° angled spout and valve

** Engine oil, +20 °C.

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)

Description	For drum	Capacity (approx.)
Gear oil pump w hose	20 - 25 l	0,2 l/stroke
Gear oil pump w hose	Mobil 20 l	0,2 l /stroke

** Engine oil, +20 °C.

Part No

21205

21200

21012

21500

21506

21503

24599



Hand Operated Pumps

Drum 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.

- Pump only , outlet thread G 1/2" (m) with telescopic suction tube
- Pump with outlet hose 1,5 m (24599) and hooked outlet nozzle
- Pump with In-Line Meter (24795) for mounting between the pump and outlet hose 1,5 m (24599) with hooked outlet nozzle
- Only hose
- Telescopic suction tube

Drum Pumps

Made in Polypropylene with a steel shaft and Nitrile rubber seals. The lever can be mounted in 3 different positions to change the stroke length and output capacity, see below. Delivered with telescopic suction tube, G2" and G1 1/2" bung adapter. Suction tube length 340-900 mm, diameter 40 mm.

Description	Colour	Capacity (Engine oil 20 °C)
Drum pump	black/blue	0,3 to 0,45 l/stroke
Drum pump	black/green	0,3 to 0,45 l/stroke

Drum pump with telescopic suction tube made of polypropylene with Nitrile rubber seals. G2" (m) bung adapter and outlet with 1" hose barb for max. 2 m open end hose. Suction tube length 350-980 mm.

Description	Colour	Capacity (Engine oil 20 °C)
Drum pump	black/white	0,5 l/stroke

Drum pump with telescopic suction tube. Made of polypropylene and polyethylene with Nitrile rubber seals. G2" (m) bung adapter and outlet with 3/4" hose socket for max. 2 m long hose with open exit. Suction tube length 480-950 mm, Ø 27 mm

Description	Colour	Capacity (Engine oil 20 °C)
Drum pump	black/blue	0,3 l/stroke

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 transfered, even contaminated fluids.

Description	Capacity (Engine oil 20 °C)
Diaphragm pump, bare pump.	25 l/min.
Diaphragm pump with accessories	25 l/min.

Drum Adapters and Accessories

Description	Information
Adapter	Mauser (m) - Trisure (f)
Lid for IBC	160x7mm, 56x4 Trisure (f)
Adapter	G3/4" (f) - DIN 61
Adapter*	G2" (f) -Trisure Ø 55 mm, pitch approx. 4 mm (m)
Adapter	G2" (f) -Multi adapter with locking screw Ø55-65 mm(f)
Adapter	G2" (f) -Midland
Adapter	G2" (f) - Mauser Ø 68 mm, pitch approx. 6 mm (m)
Adapter*	G2" (f) - Berg Ø 53 mm, pitch approx. 3,5 mm (f)
Adapter	G2" (f) - DIN 70 (f) pitch approx. 6 mm
Adapter	G2" (f) - DIN 61 (f) pitch approx. 5 mm (IBC)
Adapter	G3/4" (f) - Trisure Ø 55 mm, pitch 4 mm (m)
Adapter	G3/4" (f) - DIN 70 (f) pitch approx. 6 mm
Adapter	DIN 61 suits the most IBC containers - Hose tail 25 mm (1")
Adapter	G2" (f) - DIN 63 (f)

* Not for 21210 and 21211.

Part No

21650
21652

21662
24599
2015259



21210
21211



21130

21210

21022

21022

21130

21220
21221



2310033
2310039
2310045
28235
28236
28234
28238
28239
2310035
2310034
2310037
2310038
28339
2310044



Hand Operated Pumps

Drum Pump

Drum pumps made of Polypropylene or Nylon 6. G2" (m) bung adapter.

Description	Suction tube Length	Material in contact with the liquid
Drum Pump	1.000 mm	Nylon 6
Drum Pump	500 mm	Nylon 6
Drum Pump	1.000 mm	Polypropylene
Drum Pump	500 mm	Polypropylene

Part No

21027
21047
21028
21048

21028
21048



21027
21047



Manual Syphon Pumps

Manual operated syphon pump with a polyethylene suction tube, made for different container sizes.

Description	Container	Tube length	Capacity
Suction operated	25 l	390 mm	6,5 l/min.
Piston operated	60 l	590 mm	10 l/min.
Piston operated	200 l	850 mm	18,5 l/min.

21230
21231
21232



21230



21231



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, kerosene, 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.

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.

Description	Voltage	Power	Capacity
Transfer pump	230 V - 50 hz	200 W	40 l/min.

53720

Spare parts:

Impeller

5330005



Suction Pumps

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

Description	Volume
Suction pump	500 cm ³
Suction pump	800 cm ³

21040
21044



Hand Pump

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

Description	Volume	Dimensions
Hand Pump	150 cm ³	Ø 44 x 245 mm

21019



Lever Hand Pump

Outlet tube with hydraulic coupling included.

Description	Volume/stroke	Dimensions
Lever Hand Pump	1,8 - 2,0 cm ³	310 x 160 x 90 mm

21046



Drum Taps, Oil Cans, Measures etc.

Drum Taps

Drum Tap for horizontal oil drums.

Description	Material	Conn. thread
Drum Tap, push valve	Aluminium, Nitrile rubber	G2" (m)
Drum Tap, ball valve	Brass	G3/4" (m)
Drum Tap, ball valve	Brass	G3/4" (m)
Drum Tap, ball valve	Stainless steel, Teflon	G3/4" (m)

Drum Taps in Plastic

Drum taps for oil containers

Description	
Drum tap	DIN45 mm, pitch 4 mm
Drum tap	Ø 34 mm, pitch 3 mm
Drum tap	Ø 56 x 4 mm, Trisure
Drum tap	DIN71 mm, pitch 6 mm
Drum tap	DIN63 mm, pitch 4 mm
Drum tap	DIN61 mm, pitch 6 mm
Drum tap, brass	DIN71 mm, pitch 6 mm
Drum tap, brass	DIN61 mm, pitch 6 mm

Oil Cans

Description	Volume
Standard	
Oil can, with rigid outlet tube	0,30 l
Industry	
Oiler with Double Pump	0,30 l
it is designed to dispense oil in any position.	
Oiler with Flexible metal hose 200 mm	0,30 l
Oiler with Brush Nozzle, the brush enables the operator to put a thin oil film on surfaces.	0,30 l
Multi Purpose Oiler with Lockable Nozzle	
Multi Purpose Oiler with Lockable Nozzle	0,125 l
Multi Purpose Oiler with Lockable Nozzle	0,25 l
Multi Purpose Oiler with Lockable Nozzle	0,5 l

Plastic Measures

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

Description	Volume	Flexible loose spout	Lid
Liquid measure	1 l		
Liquid measure	2 l	2010045	2010047
Liquid measure	3 l	2010045	2010047
Liquid measure	5 l	2010046	2010048

Tin Measures

Description	Volume
Measuring jugs with handle, made of tinned metal, resistant to oil, gasoline and chemicals.	
Liquid measure	1 l
Liquid measure	2 l
Liquid measure	5 l
Liquid measure	10 l
Liquid measure	20 l

Calibration Measure

To be used when meters must be calibrated.

Description	Volume
Calibration Measure	2 l

Part No



Measures, Funnels & Wash/Oil Drain Bowls

Graduated Measures

Measures moulded from high quality plastic in various sizes as a set.

Description

7 measures 0.1, 0.25, 0.5, 1.0, 2.0, 3.0 & 5.0 l

Part No

21609



Oil Containers

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

Description

Description	Volume
Oil Container	6 l
Oil Container	10 l

21644
21645



Funnels

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

Description

Description	Volume
Funnel with straight spout	1,3 l
Funnel with spout off-set approx 180 mm	1,3 l
Funnel kit (Ø 65, 75, 100 och 120 mm)	0,05-0,27 l

21630
21631

21633



Anti-splash Funnel

Description

Ø 190 mm funnel with anti-splash rim, filter and flexispout.
Ø 230 mm funnel with anti-splash rim, filter and flexispout.

21632
21605

Garage Funnel

Description

300 mm garage funnel with filter.
300 mm garage funnel c/w diesel/water separator filter.

21606
21607

Tin Funnels

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

Description

Description	Dimension
Tin funnel	Ø 160 mm
Tin funnel	Ø 200 mm
Threaded spout	300 mm

21628
21629
21634



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.

Description

Oil Drain & Parts cleaning pan with 8 ls capacity.
Oil Drain & Parts cleaning pan with 14 ls capacity. Black
Oil Drain pan with 8 l capacity. Black

21635
21619
21509



Garage kit

Includes the most commonly used measures, funnels, container and oil drain.

21610



Air Treatment Units

Description	Conn. thread	Consist of:
Air Treatment Unit	G1/4" (f)	42107, 42009, 42110, 301296

Accessories:

Bracket for Air Treatment Unit mounted on top of 22750-60 series pumps.
Air hose for Air treatment unit

Part No

42103

2026154
2226155

2026154

42103



2226155



Air Line Hoses

For connection of pump to main air line, made of braided PVC, max. working pressure 1,5 MPa (15 bar), swaged couplings; one with swivelling nut and connection adapter (male/male).

Description	Hose Diameter	Length	Conn. thread
Air line hose	1/4" i.d.	1,5 m	G1/4" (m)
Air line hose	1/4" i.d.	3 m	G1/4" (m)
Air line hose	3/8" i.d.	1,5 m	G3/8" (m)
Air line hose	3/8" i.d.	3 m	G3/8" (m)
Air line hose	1/2" i.d.	2 m	G1/2" (m)

48001
480013M
48002
480023M
48017

48001



Bung Adapters

With split collars for pump tube diameters shown below.
G2" (m) thread for drum or drum covers.

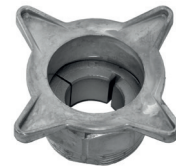
For pump tube

diameter	Fits Orion pump models
32	22710, 22715, 22760, 22762
34	22810, 22815, 22819
35	For hose
50	22700, 22705, 22720, 22725, 22750, 22752, 22772
52	22800, 22802, 22805, 22820, 22825
54	22770, 22775

Dust cover for drum adapter

28585
28594
28587
28595
28592
2125753
29057

28585



29057



Wall Brackets and Floor Stands

For mounting of pump.

Description

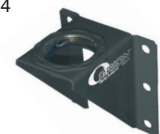
Wall bracket G2" (f)
Floor stand G2" (f)
Wall bracket for Heavy Duty Pumps
Floor bracket for Heavy Duty Pumps
Wall bracket for Diaphragm Pumps 1/2"
Wall bracket for Diaphragm Pumps 1"

28524
28506
28670
28671
28553
28552

28506



28524



28553



Drum Cover Protection (205 l Drums)

Keeps drum cover and surroundings clean.

No/box	Diam.	Absorbing capacity
25	Ø 56 cm	2 l/sheet
1	Ø 56 cm	2 l/sheet

34007
34008



Installation Accessories

Pressure Relief Valve

For protection of equipment against system pressure increase due to heat 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.

Description	Information	Material	Part No
Pressure relief valve	Releases pressure at 6 MPa (60 bar), with the possibility to connect a 1/4" hose or R1/8" fitting.	Steel	28623
Pressure relief valve	Releases pressure at 6 MPa (60 bar), with the possibility to connect a 1/4" hose or R1/8" fitting.	Brass	28625
Banjo fitting	G 3/4" (m/f) and G1/4" (f) to fit the PRV to pumps without special PRV connection	Steel	28629

Part No

28623



28629



Pressure Relief Hoses

Description

Made of PVC to connect the PRV to a drum, L = 1,5 m, no fittings.
Made of PVC to connect the PRV to a tank, L = 3 m, with fittings.

28637
28638



28637



28638

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). Other lengths are available upon request.

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



Connection Oil Hoses

Connection hose of Nitrile rubber, wire braided, swaged couplings with swivelling nuts and adapter.

Description

Tank connection hose, Length 1,0 m, with one straight coupling, G1".

28078

Tank connection hose, Length 1,0 m, with one straight and one 90°-angle coupling, G1". Mainly used with pumps mounted in floor stands.

28080

Oil connection hose, Length 1,5 m, with two straight couplings, G1" and G3/4"

28079

Tank connection hose, Length 2,5 m, with one straight and one 90°-angle coupling, G3/4". Mainly used with pumps mounted in floor stands.

28272

Tank connection hose, Length 0,7 m, with two straight couplings, G2"

28090

28078



28080



28079



28272



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.

Riser tube length	Hose dim.	Hose length
1,08 m	3/4"	2 m
1,7 m	3/4"	2 m
-	1"	5 m (max tank height 3 m)

Part No

28310



28310
28311
28321

28321



Oil Filters

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

Description	Conn. thread	Strainer rating	Max pressure
Oil filter	G3/4" (f)	20 µm	6 MPa (60 bar)
Oil filter	G3/4" (f)	10 µm	6 MPa (60 bar)
Cartridge for 24661		20 µm	
Cartridge for 24662		10 µm	

24661
24662
2345892
2345893



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).

Conn. threads	Strainer rating	Body material	Dimensions
G1/2" (f)	200 µm	Stainless Steel	
G3/4" (f)	200 µm	Stainless Steel	
In G3/4" (f) - Out G1/2 (f)	25 µm	Aluminium	Ø 60 x 111 mm

28022
28059
24583

28022 / 28059

24583



Installation Accessories

Hose Storage Rack

Designed for max. 30 m x 1/2"-hose, made of round iron, finished with brown epoxy lacquer.

Two fixing holes \varnothing 6 mm for wall mounting.

Dimensions: approx. 200 x 300 x 120 mm (W x H x D).

Part No

28251



Hose Storage Brackets

Description

A wall mounting bracket for storage of hoses, tools etc. Two fixing holes \varnothing 5 mm.

For fixing to the wall to support hoses that otherwise would interfere with the work area. Two fixing holes \varnothing 5 mm.

6027

28185

6027

28185



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.

Description

Level gauge

29120





3 Waste Oil

Air Operated Pumps	50
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Suction & Waste Oil Pumps

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).

Pressure ratio	1:1 5:1
Capacity	22802 Max 18 l/min., free flow at 1,0 MPa (10 bar) 22575 Max 38 l/min., free flow at 1,0 MPa (10 bar)
Air pressure	Max 1 MPa (10 bar)
Connections	Air: G1/4" (f) Oil: Inlet G3/4" (f) Outlet G1" (f)

Part No

22802

22575

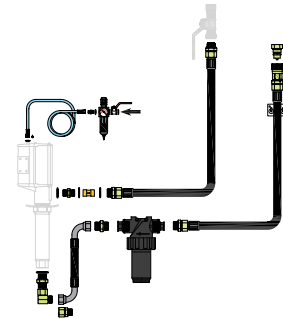
22802
22575

Wall Mounted Pump Installation Kit

Components for a wall mounted air operated oil pump, non return valve (28295) included.

With air treatment unit and oil filter (29300)
Without air treatment unit and oil filter

NOTE! Pump not included.
Select a pump 22800, 22802 or 22575.

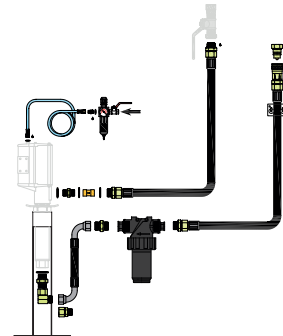
99631
99731

Floor Mounted Pump Installation Kit

Components for a floor mounted air operated oil pump, non return valve (28295) included.

With air treatment unit and oil filter (29300)
Without air treatment unit and oil filter

NOTE! Pump not included.
Select a pump 22800, 22802 or 22575.

99632
99732

Suction & Waste Oil Pumps

Air Operated Diaphragm Pump 1:1

Transfer pump for connection to bulk tank or drum.
Double acting air operated pump for transferring oil and non-corrosive liquids.

Pressure ratio 1:1

Capacity Max 100 l/min., free flow at 0,7 MPa (7 bar).
Air pressure 0,15 MPa (1,5 bar) - 0,8 MPa (8 bar)
Connections Air: G3/8" (f)
Oil: inlet-outlet G1" (f)

Pressure ratio 1:1

Capacity Max 200 l/min., free flow at 0,7 MPa (7 bar).
Air pressure 0,15 MPa (1,5 bar) - 0,8 MPa (8 bar)
Connections Air: G3/8" (f)
Oil: inlet-outlet G1" (f)

Magnetic Feet, Rubber Covered

for mounting the diaphragm pump on steel drums or tanks. Set of 4 pcs.

Wall Mounted Diaphragm Pump Installation Kit

Components for a wall mounted air operated diaphragm pump, non return valve (28295) and strainer included.

Installation kit for 22320 with air treatment unit and oil filter (29300)
Installation kit for 22320 without air treatment unit and oil filter

NOTE! Pump not included.

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 36441, 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.

Description

Waste oil suction kit with suction probes and hose reel

Probe bracket with quick coupling and suction probes, to be mounted on the wall

Waste Oil Suction Unit

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.

Description

Waste oil suction kit with suction probes

Part No

22320

98876



Body	Valves	Diaphragm	Other wetted materials
Aluminium	NBR	NBR	Teflon®, Stainless steel

22320

Aluminium	NBR	TPE	Buna-N, Stainless steel
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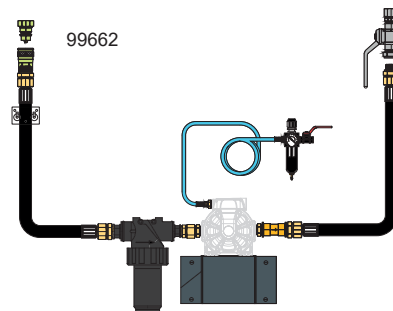
22332

98876

99662

99762

99662



SPEC6044

2295014



39715



Accessories

Pump Timer

With the timer installed in the air supply line it is possible to set a run time for the pump, to increase the lifetime of the pump, by reducing the time when the pump is running without liquid. The timer can be set between 0 - 120 minutes.

Description	Connection Threads	Max. pressure	Weight
Pump timer	In: G1" or G3/4" or G1/2"(f) Out: G3/4" (m)	8 bar	0,2 kg

Part No

23008



Non Return Valve

Connects to the pump outlet. Connection G3/4" (f).

28295



Bracket

Bracket to keep the waste oil hose off the floor.

28325



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.

Max work pressure:	20 Bar
Max vacuum:	-1 Bar (100% vacuum)
Max working temperature:	+80 °C (temporary +100 °C)
Dimension:	H x W x D 280 x 146 x 92
Weight:	~1 kg
Effective strainer area:	115 cm ²
Connection thread:	1/4" BSP (f)

Description

Suction Strainer
Vacuum Gauge
Lock nut for gauge. Used to lock the gauge in a readable position
Extra strainer insert, 32 mesh

Spare o-ring for the strainer)

Installation kit for connection direct to the pump foot valve on suction pumps 1:1 and 5:1, including following components. A, B, C, D, G (H and I).

Installation kit if the strainer is installed remote from the pump. A hose will be required including following components. A, B, C, E, F, G (H och I).

Installation kit, for connecting direct to the 2:1 ratio suction pump including the following components: pos. C, D, G (H och I).

29300
2326013
1988211
2390169

2390178

2490171

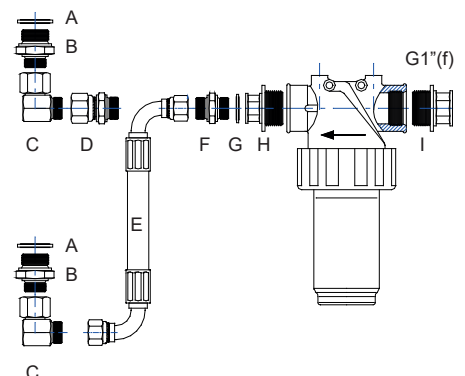
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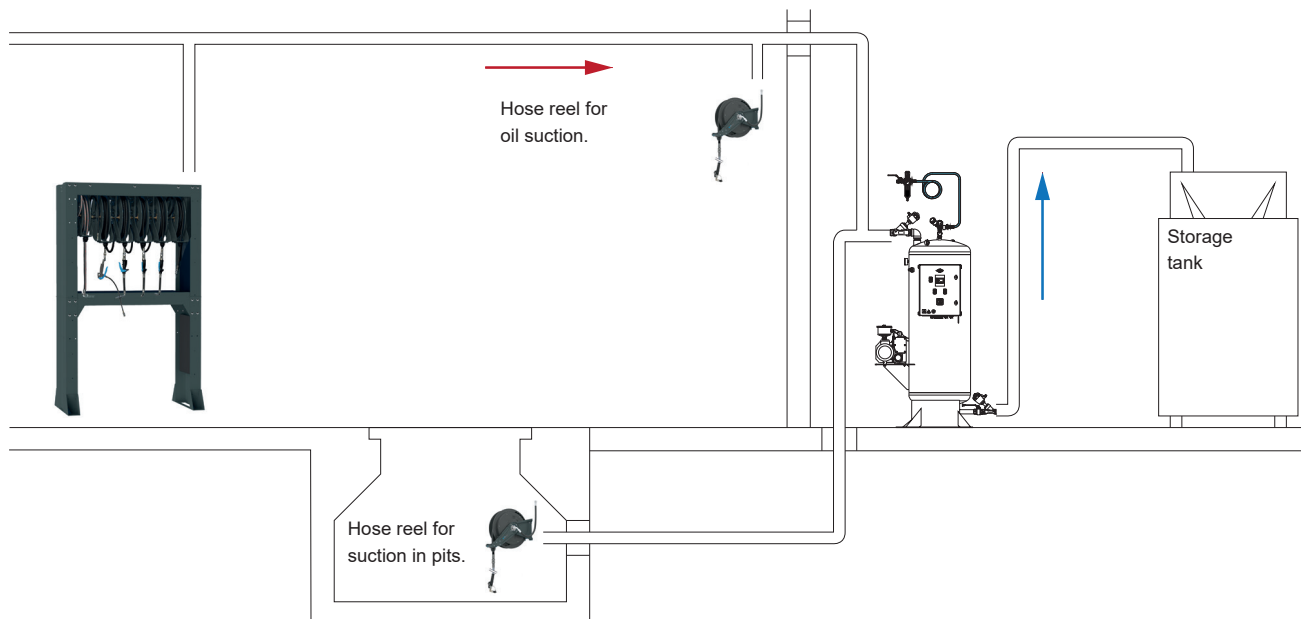
2490173

Gauges
2326013 not
included



29300





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 have been.

- 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.

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

Vacuum unit for 2 to 7 work places

500 l vacuum reservoir that is automatically discharged to the storage tank. Automatic start/stop by pressure control.

Dimensions:	1.200 x 1.050 x 2.100 mm
Power:	0,75 kW
Electric connection:	400 V
Noise level:	62 dBA



Part No

29736

29736



Hose Reels for Waste Oil Suction

Hose Reel for Waste Oil Suction

Open hose reel, series ORK. Delivered with handle for quick connection/change of the probes.

Description	Hose diam.	Hose lengths (metres)
Series ORK	3/4"	6 m

Part No

34442

Hose Reel for Waste Oil Suction

Open hose reel, series ORS. Delivered with handle for quick connection/change of the probes.

Description	Hose diam.	Hose lengths (metres)
Series ORS	5/8"	6 m

34462

Hose Reel for Waste Oil Suction

Cased hose reel, CRO Series. Delivered with handle for quick connection/change of the probes.

Description	Hose diam.	Hose lengths (metres)
Series CRO	5/8"	6 m

34452

Hose Reel for Waste Oil Suction

Cased hose reel, CRK Series. Delivered with handle for quick connection/change of the probes.

Description	Hose diam.	Hose lengths (metres)
Series CRK	5/8"	6 m

34464



Accessories for Waste Oil Suction

Description
Probe Kit comprising a probe holder, 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 1.000 mm long plastic probe Ø 8 mm.

2295014

Suction Hose, to be connected to the hose reel, 0,7 m, with strainer (29312) and used together with probe kit 2295014 (Mercedes adapter included).

2295104

Same suction hose but without accessories.

2195075

Suction Strainer, to be connected between the hose reel and the suction hose, o prevent contamination entering to the hose and pump.

29312

Probe ø 8 x 1300 mm

737959

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



Waste Oil Arm with 5:1 Pump

An alternative solution with a pneumatic adjustment of the bowl and pump level for emptying waste oil. Bowl dimension 700 x 300 mm (approx. 30 l). Connected with quick couplers.

Description

Waste Oil Arm with 5:1 pump
Quick Coupler Kit
Rail 4 m with fastening Kit

Waste Fluid Arm with 5:1 pump, green bowl
Quick Coupler Kit for 39711

Part No

39710
2395069
2395080

39711
2395140



Waste Oil Bowl in Pit

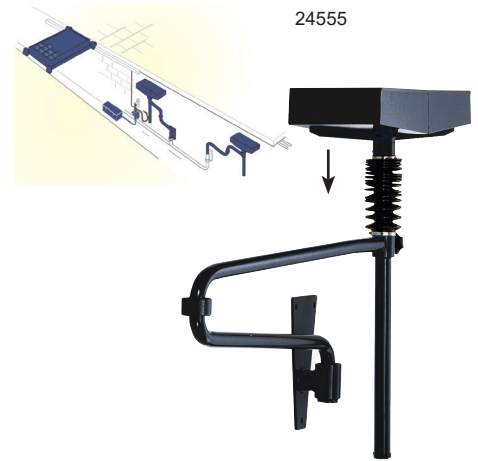
This system is designed for use in lubrication pits but can also be used with lifts. The collector arm is connected to the drain bowl (24555). Oil is gravity fed into a 25 l tank with a float switch, which controls the air supply to the discharge pump. When maximum level is reached in the 25 l tank the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

Collection Bowl for Cars

Swivel arm collector bowl with adjustable height and strong swivel joints. Constant flow rate independent of bowl height.

Description	Bowl dimension	Capacity	Connection thread
Collection bowl	700 x 250 mm	approx. 18 l	G 1 1/2" (f)

24555



Collection Bowl for Commercial Vehicles

Complete set, with swing arm and support bar on castors.

Description	Bowl dimension	Capacity	Connection thread
Collection bowl	1.000 x 400 mm	approx. 50 l	G 1 1/2" (f)

24549



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.

Description	Connection threads
Automatic emptying unit	Pump: Air inlet G1/4" (f) Oil outlet G3/4" (f)
	Tank: Oil inlet (from 24555 or rail system) G1 1/2" (f)

SPEC6011



Pit Platform and Lift

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. See page 48.

Description	Volume (approx.)	Dimensions (L x W x H)	Weight (approx.)
Waste oil unit for pit use	90 liter	1.030-1.450 x 820 x 460 mm	45 kg
Quick coupling set, must be used when emptying with discharge pump.			

Part No

39068

39068
29108

Pit Platform

The pit platform runs on a rail fixed to the pit floor and is height adjustable, enabling ease of access to all the places under the vehicle. Driven by compressed air it has the capacity to lift a person and tools. Standard accessories include a tool tray, air connection and brake. Safety features include trap protection.

Description	Lift capacity		WxD
	Height	Weight	
Pit Platform	670 mm	200 kg	1.200 x 840 mm

64000



Hydraulic Pit Lift

Hydraulic pit lift for heavy transport vehicles. The carriages are manufactured for all types of inspection pits (ask for a form to submit your pit dimensions).

Three modes of operation: Neutral, fast moving and lifting mode. When released the valve automatically returns to neutral mode and the lift is locked in the existing height mode.

Min height above floor:	100 mm
Hoist travel:	500 mm
Lifting time:	appr. 40 sec.

The lift can be supplied with a piston extension for lifts up to 900 mm.

Description	Capacity	Max air pressure
Hydraulic Pit Lift	15.000 kg	8 bar

64010



Mobile Waste Oil Units

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.

Description	Dimension (W x D x H)	Weight
Waste Oil Container	630 x 500 x 1.500-2.000 mm	28 - 33 kg

Description

Waste Oil Container, Standard

Waste Oil Container with ejector and suction probes

Waste Oil Container with ejector, suction probes and transparent vacuum chamber

Waste Oil Container with ejector and suction probes, without bowl

Spare parts:

- Extension bowl
- Metal bowl with down tube
- Metal bowl only
- Vacuum gauge
- Level tube with connectors

Part No

39505

39507

39508

39517

2295081

2295013

2295087

2395083

2426424



65 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.

Description

Waste Oil Container, Standard

Waste Oil Container with ejector and suction probes

Waste Oil Container with ejector, suction probes and transparent vacuum chamber

Waste Oil Container with ejector and suction probes, without bowl

Spare parts:

- Level tube with connectors

39405

39407

39408

39417

2426424



For other configurations, contact us!

Mobile Waste Oil Units

24 I Mobile Waste Oil Suction Unit

24 L capacity waste oil suction unit with 2 m oil suction hose.

Description

Waste Oil Container with ejector and suction probes

Part No

39049

39049



35 I Mobile Waste Oil Unit for Motor Bikes

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

Description

Waste Oil unit for Motor Bikes

39551

39551



65 I 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.

Description

Waste Oil Container with ejector.

39430



Accessories for the 395 and 394 Series Units

Description

Probe Kit comprising a probe holder, 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 1.000 mm long plastic probe Ø 8 mm.

Probe Ø 8 x 1300 mm

Transparent vacuum chamber with ejector

Quick Coupling Kit, to be used when emptied using an external discharge pump.

Pump kit for pumpaway, to be fitted on to the unit (39505, 39405).
Pump 22800 included.

Pump kit for pumpaway and suction from engines, to be fitted on to the unit (39505, 39405). Pump 22802 included.

Waste oil filter, for use on waste oil containers to prevent contamination from entering the pump. G3/4" (m). 32 mesh.

Quick coupler G3/4" (f), fits older standard in plastic

2295014

737959

2295015

2295117

29320

29325

29310

2085478

2295014



2295117

Waste Oil Bowl for Drums

Waste oil bowl, with adjustable bung adapter, G2" (m), suitable for mounting in a 200 l or 60 l drum. Ø 480 mm.

Description	Adjustable height	Bowl volume	Weight
Waste oil bowl	approx. 600 mm	approx. 20 l	5 kg

Part No

26502



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.

Description	Volume (approx.)	Dimension (L x W x H)	Weight (approx.)
Low level mobile drainer	200 l	1.450 x 820 x 360 mm	60 kg
Low level mobile drainer,	95 l	1.250 x 610 x 260 mm	44 kg
Low level mobile drainer,	20 l	770 x 470 x 130 mm	18 kg

Quick coupling set, must be used when emptying with discharge pump

29077

39075

39073

29108



29077



39075



39073

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 (24564), valve (24675), strainer (28303) and filter rug (29138).

Description	Volume (approx.)	Dimension (L x W x H)	Weight
Collection unit	95 l	1.250 x 610 x 260 mm	51 kg

39004



"Filter rug"

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

1060 x 400 x 30 mm, fits 39001

1200 x 400 x 30 mm, fits 39075 and 39004

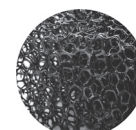
650 x 290 x 30 mm, fits 39710 and 39711

29139
29138
1018095

29139

1060 mm (42")

400 mm (16")



Texture

Suction Units

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.

Description	Work.Pressure	Pressure Generator	
Suction unit, 4 l	- 0,7 bar vacuum	Hand pump	1, 4 kg

Part No

3253P



Suction Pump

For filling and emptying small containers, gear boxes etc.

Description	Volume
Suction pump	500 cm ³
Suction pump	800 cm ³

21040
21044

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.

Description	Capacity	Dimensions mm
Oil Drain & Parts cleaning pan	8 l	Ø 310, h=105
Oil Drain & Parts cleaning pan	14 l	Ø 500, h=160
Oil Drain pan	8 l	490 x 300 x 120

21635

21619

21509

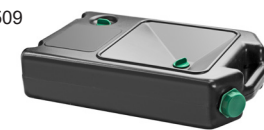
21635



21619



21509



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

Description	Capacity
Brake fluid drainer and bleeder	5 l

39560

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.

Description	Capacity
Fluid drainer and bleeder	0,75 l

39570





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.

Description	Dimensions	Airconsumption	Connection
Vacuum pump, basic model	170 x 170 x 70 mm	approx. 60 l/min.	Air: G1/4" (f) Suction hose: Ø 25 mm

Vacuum Pump with Air Connection Kit

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

Description	Connection
Vacuum pump, with air connection kit	Air: 1/4" hose socket

Vacuum Pump with Suction Hose

Vacuum pump (22584) complete with suction hose (22588).

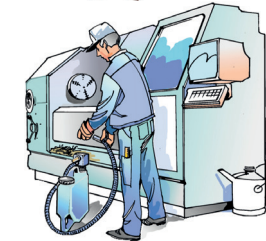
Description	Connection
Vacuum pump, with suction hose	Air: 1/4" hose socket

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).

Description	Connection
Vacuum pump, with suction hose, air connection kit and suction probes	Air: 1/4" hose socket

Part No



22582



22584



22585



22586

Vacuum Pump

Accessories for Vacuum Pump

Pos	Description	Remark
A	Air connection kit	Consisting of shut-off valve, gauge, nipple, quick coupling and hose clamp
B	Suction hose	Consisting of hose (Ø 25 mm, length 2,2 m) and aluminium tube length 200 mm
C	Suction probe kit	Probe Kit comprising a probe holder, 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
C	Suction probe kit	same as above with a wall bracket
D	Suction hose	2 m suction hose with handle and valve to be used with suction probe kit 2295014
E	Suction tube	Aluminium, length approx. 1 m
F	Gauge	Indicates vacuum, 0 to -1 bar
G	Bung adapter	To be used when the vacuum pump is frequently moved between different containers
H	Reducer	To be used when connecting the suction hose to the vacuum pump
H	Probe	Ø 8 x 1300 mm

Part No

22587

22588

2295014

28291

2295018

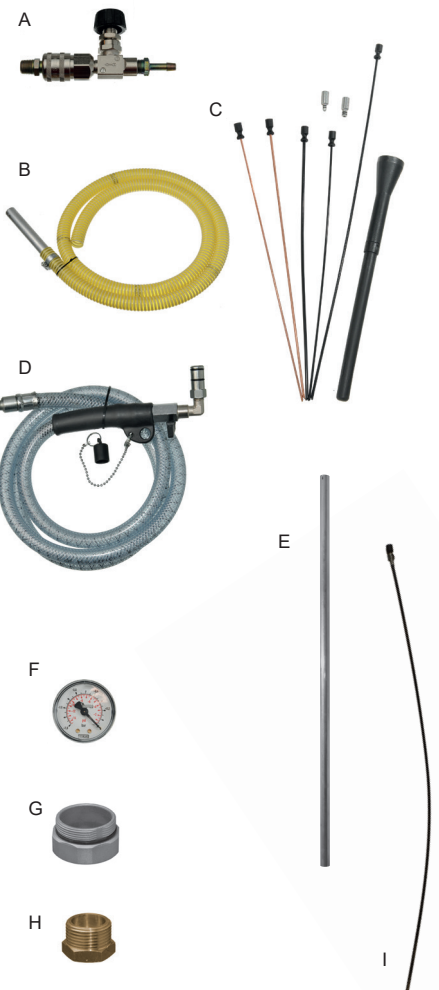
2090151

2326013

2085147

25201297

737959



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.

Description	Dimension (W x D x H)	Air consumption (approx.)	Volume (approx.)	Weight (approx.)
OriCan	150 x 385 x 600 mm	60 l/min.	16 l	4,3 kg

Accessories OriCan

Description	Volume (approx.)
OriCan, container only	16 l
Pump adapter, G 2" (f) - G2" (f)	

22590

1085112

1085076

22590





4 Air

Hose Reels	64
FRL-Units	66
Valves, Blow Gun and Tyre Inflators.....	67
Quick Connectors	68



Spring Operated Hose Reels

Series ORK, ORM

Open hose reel.

	Length m	Diameter mm-inch	Conn. threads		Work. Pressure		
			In	Out	MPa	bar	
Series ORK	10	10 - 3/8"	G1/2" (m)	G1/4" (m)	2,0	20	45122
Series ORM	15	12,5 - 1/2"	G1/2" (m)	G1/2" (m)	2,0	20	45135

Part No



Series ORS

Open hose reel in aluminum and composite.

	Length m	Diameter mm-inch	Conn. threads		Work. Pressure		
			In	Out	MPa	bar	
Series ORS	10	10 - 3/8"	G1/2" (m)	G3/8" (m)	2,0	20	45222
Series ORS	15	10 - 3/8"	G1/2" (m)	G3/8" (m)	2,0	20	45225
Series ORS	15	12,5 - 1/2"	G1/2" (m)	G1/2" (m)	2,0	20	45235



Series OR

An open hose reel with longer hose lengths. If mounted to the ceiling the hose guide must be located to give correct hose direction. The hoses are fitted with swaged couplings.

	Length m	Diameter mm-inch	Conn. threads		Work. Pressure		
			In	Out	MPa	bar	
Series OR	20	12,5 - 1/2"	G1/2" (m)	G1/2" (m)	1,8	18	45336



Series ORB

Extra Heavy Duty open hose reel with longer hose lengths for oil and air. All hoses are fitted with swaged couplings.

	Length m	Diameter mm-inch	Conn. threads		Work. Pressure		
			In	Out	MPa	bar	
Series ORB	15	25,4 - 1"	G1" (f)	G1" (f)	1,5	15	45665
Series ORB	30	12,5 - 1/2"	G1/2" (f)	G1/2" (f)	1,5	15	45638



Spring Operated Hose Reels

Series CRO

Medium sized enclosed hose reel.
The hose reel can be mounted to the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

	Length	Diameter	Conn. threads		Work. Pressure		
	m	mm-inch	In	Out	MPa	bar	
Series CRO	10	10 - 3/8"	G1/2" (m)	G3/8" (m)	2,0	20	46222
Series CRO	15	10 - 3/8"	G1/2" (m)	G3/8" (m)	2,0	20	46225
Series CRO	15	12,5 - 1/2"	G1/2" (m)	G1/2" (m)	2,0	20	46235

Part No



Series CRK

Medium sized enclosed hose reel.
The hose reel can be mounted to the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

	Length	Diameter	Conn. threads		Work. Pressure		
	m	mm-inch	In	Out	MPa	bar	
Series CRK	10	10 - 3/8"	G1/2" (m)	G3/8" (m)	2,0	20	46422
Series CRK	15	10 - 3/8"	G1/2" (m)	G3/8" (m)	2,0	20	46425
Series CRK	15	12,5 - 1/2"	G1/2" (m)	G1/2" (m)	2,0	20	46435



Series CRS

Enclosed hose reels for air, supplied complete with a pivoting wall bracket. Hoses are fitted with swaged couplings.

	Length	Diameter	Conn. threads		Work. Pressure		
	m	mm-inch	In	Out	MPa	bar	
Series CRS	12	8 - 5/16"	G3/8" (m)	G1/4" (m)	2	20	46314
Series CRS	15	8 - 5/16"	Hose 5/16"	G1/4" (m)	2	20	46315
Series CRS	10	10 - 3/8"	G3/8" (m)	G3/8" (m)	2	20	46322
Series CRS	12	10 - 3/8"	Hose 5/16"	G3/8" (m)	2	20	46324



For the complete range of hose reels see the chapter 8!

Air Treatment Units (FRL)

Air Treatment Units

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

Description	Conn. thread	Consist of:	Part No
Air treatment unit	G1/4" (f)	42107, 42009, 42108, 42110, 42125	42105
Air treatment unit	G1/4" (f)	42107, 42108, 42112	42104
Air treatment unit	G1/4" (f)	42107, 42009, 42110, 301296	42103
Adapter bracket to connect filter regulator and lubricator, G 1/4" (m)			42125



Shut-off Valve

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

Description	Conn. thread	Max working pressure	Part No
Shut-off valve	G1/4" (f)	1,4 MPa (14 bar)	42009



Filter-regulator

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

Description	Conn. thread	Volume	Max working pressure	Temp	Part No
Filter-regulator	G1/4" (f)	40 cm ³	1,2 MPa (12 bar)	+5 till +60 °C	42107



Lubricator

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

Description	Conn. thread	Volume	Max working pressure	Temp	Part No
Lubricator	G1/4" (f)	50 cm ³	1,2 MPa (12 bar)	+5 till +60 °C	42108



Air Treatment Units, 1/2"

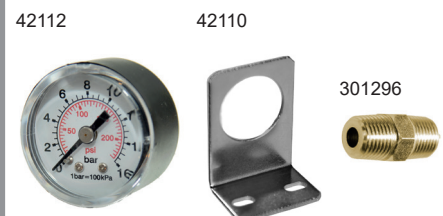
These air treatment units combine the best of design with proven materials and production methods. Material: Zinc. Max working pressure 1,2 MPa (12 bar), temp.+5° to +60 °C.

Description	Conn.thread	Part No
Air treatment unit	G1/2" (f)	Filter regulator, Lubricator, gauge 42120
Filter Regulator	G1/2" (f)	Filter regulator, gauge 42121
Lubricator	G1/2" (f)	Lubricator 42115
Adapter bracket to connect filter regulator and lubricator, G 1/2" (m)		42124



Accessories

Description	Part No
Wall bracket, for filter-regulator (1/4")	42110
Wall bracket, for filter-regulator (3/8" & 1/2")	42123
Pressure gauge, ø 40 mm, 0-1,6 MPa (0-16 bar), Conn. thread G1/8" (m)	42112
Adapter, G 1/4" (m)	301296
Adapter, G 1/2" (m)	301298



Shut-off Valves, Blow Gun & Tyre Inflators

Shut-off Valves

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

Description	Conn. thread (f)	Work pressure	Lever	Part No
Ball valve	G3/8"	6,4 MPa (64 bar)	Long	30101117
Ball valve	G1/2"	6,4 MPa (64 bar)	Long	30101093
Ball valve	G3/4"	4,0 MPa (40 bar)	Long	30101111
Ball valve	G1"	4,0 MPa (40 bar)	Long	30101081
Ball valve	G1 1/4"	2,5 MPa (25 bar)	Long	30101087
Ball valve	G1 1/2"	2,5 MPa (25 bar)	Long	30101084
Ball valve	G2"	2,5 MPa (25 bar)	Long	30101102
Ball valve	G1/4"	6,4 MPa (64 bar)	Short	30101129
Ball valve	G3/8"	6,4 MPa (64 bar)	Short	30101144
Ball valve	G1/2"	6,4 MPa (64 bar)	Short	30101123
Needle valve	G1/4"	2,5 MPa (25 bar)	Knob	28513



Blow Gun

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

Description	Conn. thread	Part No
Blow gun	G1/4" (f)	44503



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.

Description	Conn. thread	Part No
Blow gun	G1/4" (f)	44504



Tyre Inflator

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

Description	Conn. thread	Pressure range	Hose length	Part No
Tyre Inflator	G1/4" (f)	0-12 bar	66 cm	44635
Tyre Inflator Valve	G1/4" (f)	0-12 bar	-	44640



Air Line Hoses

To connect the pump air motor to an air main line. Made of braided PVC, max. working pressure 1,5 MPa (15 bar), swaged couplings; one with swivelling nut and connection adapter (male/male).

Description	Hose Diameter	Length	Conn. thread	Part No
Air line hose	1/4" i.d.	1,5 m	G1/4" (m)	48001
Air line hose	1/4" i.d.	3,0 m	G1/4" (m)	480013M
Air line hose	3/8" i.d.	1,5 m	G3/8" (m)	48002
Air line hose	3/8" i.d.	3,0 m	G3/8" (m)	480023M
Air line hose	1/2" i.d.	2,0 m	G1/2" (m)	48017



Quick-couplings for Compressed Air

Hose Adapters

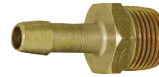
Hose Ø	Thread
1/4"	G1/4" (m)
5/16"	G1/4" (m)
3/8"	G1/4" (m)
1/4"	G3/8" (m)
5/16"	G3/8" (m)
3/8"	G3/8" (m)
1/2"	G3/8" (m)
1/4"	G1/2" (m)
3/8"	G1/2" (m)
1/2"	G1/2" (m)
3/4"	G1/2" (m)

Part No

48510
48511
48512

48540
48541
48542
48543

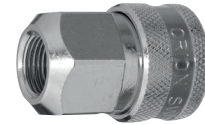
48603
48600
48601
48602



Quick-Coupling

Thread
G1/4" (f), small model
G3/8" (f), big model
G1/2" (f), big model

44516
44521
44531



Nipples

Thread	For Quick-Coupling
R1/8" (m)	44516
R1/4" (m)	44516
R3/8" (m)	44516
G1/4" (f)	44516
G3/8" (f)	44516
R1/4" (m)	44521/44531
R3/8" (m)	44521/44531
R1/2" (m)	44521/44531
R3/4" (m)	44521/44531
G3/8" (f)	44521/44531
G1/2" (f)	44521/44531

48500
48501
48502

48503
48504

48594
48530
48590
48592

48531
48591



Hose Connector

Hose Ø	For Quick-Coupling
1/4"	44516
5/16"	44516
3/8"	44516
1/4"	44521/44531
5/16"	44521/44531
3/8"	44521/44531
1/2"	44521/44531

48520
48521
48522

48550
48551
48552
48553



Quick-Couplings for Compressed Air

Profile fits Tema 1600 and Cejn 320.

Description	Connection	Part No
Nipple	G1/4" (m)	103205152
Coupling	G3/8" (f)	103201204
Nipple	G3/8" (f)	103205204
Coupling	G1/2" (f)	103201205
Coupling	G1/2" (m)	103201155
Nipple	G1/2" (f)	103205205
Coupling	Hose Ø 10 mm	103201004
Nipple	Hose Ø 10 mm	103205004
Coupling	Hose Ø 13 mm	103201005
Nipple	Hose Ø 13 mm	103205005





5 Waterbased Fluids/Detergents

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Sprayers	75
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Funnels, Measures	78
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Mixing Units

Mixing Pump



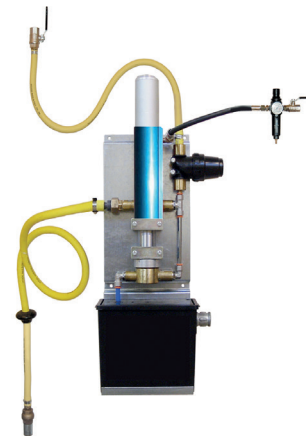
Air operated mixing pump for glycol and windshield fluids with a fixed mix. The wall mounted unit has a suction attachment for connection to the concentrate container. Complete unit to connect directly to the air supply line and distribution pipework.

We recommend that you invest in control equipment for the concentrate container to prevent unmixed water being distributed when the concentrate container is empty.

Description **Capacity**
 Mixing pump 50/50 Appr. 15 l/min. free flow at 0,7 MPa (7 bar)

Part No

24891



Mixing Unit with Ejector from 25% 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.

Description **Capacity**
 Mixing unit Appr. 15 l/min.

24186



To put together a Complete Mixing and Distribution Kit

Use a mixing unit (24186), installation kit (99630) and pump (22770). All necessary items are included.

We recommend that you invest in control equipment (SPEC8121) 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. Assume that a backflow valve is fitted to the fresh water line to avoid chemicals entering the water line.

24188



Diaphragm Mixing Pump 1:1 Ratio



Air operated mixing pump for mixing and transferring different liquids. Mixing ratio 50/50*.

Pressure ratio 1:1

Capacity Max 50 l/min., free flow at 0,7 MPa (7 bar).
Air pressure 0,15 MPa (1,5 bar) - 0,8 MPa (8 bar)
Connections Air: G3/8" (f)
 Liquid: inlet 2x G3/8" (f)
 outlet G1/2" (f)

Description **Capacity**
 Mixing Pump of Aluminium/Nickel plated max 50 l/min.
 Mixing Pump of Acetal max 50 l/min.

* Can vary depending on fluid.

 Water  Anti Freeze  Windshield Wash  Detergents
 (Concentrated Glycol; see the Oil Section)

22221



Body	Valves	Diaphragm	Other wetted materials
Al, Ni.	Acetal	Hytrel®	Teflon®, Viton®, St. steel
Acetal	Acetal	Hytrel®	Teflon®, Viton®, St. steel

22221

22227

Stainless Steel Liquid Pump, Pressure Ratio 4:1



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

Pressure ratio 4:1
Capacity Max 30 l/min. (free flow, air pressure 0,7 MPa, water)
Air Pressure Max 1 MPa (10 bar)
Connections Air: G 1/4" (f)
 Fluid: Outlet G1" (f) - Inlet (foot valve) G1" (f)

Description

Stainless Steel stub pump
 Stainless Steel pump complete with suction tube (2226294)

Atex Classified Stainless Steel stub pump
 Atex Classified Stainless Steel pump complete with suction tube (2226294)

We recommend the use of air lubricator for pumps when pumping cleaning fluids such as windshield washer.

Stainless Steel Liquid Pump, Pressure Ratio 1:1



Stainless steel, air operated, double acting liquid pump for corrosive liquids, windscreen liquid etc. Bung adapter G2" (m) included.

Pressure ratio 1:1
For connection to Tank or drum
Capacity Max 30 l/min. (free flow, air pressure 0,7 MPa, water)
Air Pressure Max 1 MPa (10 bar)
Connections Air: G 1/4" (f)
 Fluid: Outlet G3/4" (m) - Inlet (foot valve) G1" (f)

Description

Stainless Steel stub pump
 Stainless Steel pump complete with suction tube (2226294)

Liquid Pump, Corrosion Protected, Pressure Ratio 1:1



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

Pressure ratio 1:1
For connection to Tank or drum
Capacity Max 40 l/min. (free flow, air pressure 1,0 MPa, 95 cSt oil).
 Recommended free flow approx. 25 l/min. at 0,7 MPa, 95 cSt
Air Pressure Max 1 MPa (10 bar)
Connections Air: G1/4" (f)
 Oil: Outlet G3/4" (f) - Inlet (foot valve) G1" (f)

Description

Liquid pump
 Liquid pump complete with suction tube (2226294)

Water Anti Freeze Windshield Wash Detergents
 (Concentrated Glycol; see the Oil Section)

Part No

22770
22775

22771
22776

22772
22777

22820
22825

22770



22775



Air motor	Liquid parts	Seals	Central bar
Aluminium	Stainless Steel, ISO 2343/2346 (DIN 1.4436/1.4305)	Teflon®	Chromated Stainless Steel, ISO 2333 (DIN1.4101)

22772



22777



Air motor	Liquid parts	Seals	Central bar
Aluminium	Stainless Steel, ISO 2343/2346 (DIN 1.4436/1.4305)	Teflon®	Chromated Stainless Steel, ISO 2333 (DIN1.4101)

22820



22825



Air motor	Liquid parts	Seals	Central bar
Aluminium	Nickel-plated Steel	Nitrile Polyurethane	Nickel-plated Aluminium

Installation Kits

Drum Pump Installation Kit

Components for a drum mounted air operated pump.(205 l drum)

Information:

Air line hose 1,5 m x 1/4" hose, Line hose 1,5 m x 3/4" hose.

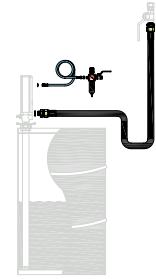
With Air treatment unit
 Without Air treatment unit

With Air treatment unit
 Without Air treatment unit

Part No

99625
99725

99675
99775



Wall Mounted Pump Installation Kit

Components for a remote wall mounted air operated pump with drum suction attachment (205 l drum).

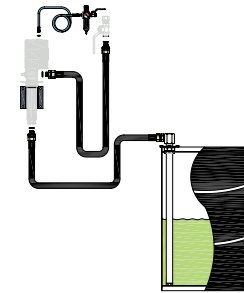
Information: Air line hose 1,5 metre x 1/4" bore hose, line hose 1,5 metre
 Drum suction attachment, tube length = 1,08 m

With Air treatment unit
 Without Air treatment unit

With Air treatment unit
 Without Air treatment unit

99626
99726

99676
99776



Wall Mounted Pump Installation Kit

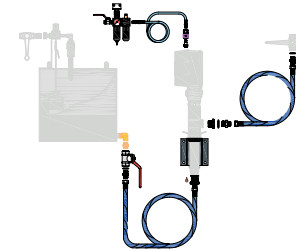
Components for a remote wall mounted air operated pump with a tank suction attachment.

Information

Air line hose 1,5 metre x 1/4" bore hose
 2 pcs Line hose 1,5 metre x 1/2" bore hose

With Air treatment unit
 Without Air treatment unit

99630
99730



Air Operated Diaphragm Pump 1:1

Air operated pump for transferring different liquids.

Capacity See description below
Air pressure 0,15 MPa (1,5 bar) - 0,8 MPa (8 bar)
Connections Air: G3/8" (f)
 Liquid: 22206, 22208, 22211, 22230, 22238
 22202 inlet-outlet G1/2" (f)
 22202 inlet-outlet G1/4" (f)
 22325, 22328, 22331 inlet-outlet G1" (f)

Description

Diaphragm Pump of Polypropylene 20 l/min
 Diaphragm Pump of Polypropylene 30 l/min
 Diaphragm Pump of Acetal, Atex 30 l/min
 Diaphragm Pump of Alu. Nickel plated 50 l/min
 Diaphragm Pump of Polypropylene 50 l/min
 Diaphragm Pump of Acetal, Atex 50 l/min
 Diaphragm Pump of Polypropylene 100 l/min
 Diaphragm Pump of Polypropylene 200 l/min
 Diaphragm Pump of Acetal, Atex 100 l/min

Applications

AdBlue®, antifreeze, windshield wash...
 AdBlue®, antifreeze, windshield wash...
 Fuels, solvents, Toulén, Ethanol, etc.
 Oil, waste oil, aqueous, antifreeze, etc.
 AdBlue®, antifreeze, windshield wash...
 Fuels, solvents, Toulén, Ethanol, etc.
 AdBlue®, antifreeze, windshield wash...
 AdBlue®, antifreeze, windshield wash...
 Fuels, solvents, Toulén, Ethanol, etc.

22202
22206
22208
22211
22230
22238
22325
22331
22328



Body	Valves	Diaphragm	Other wetted materials
Polypr.	Teflon®	Hytrel®	Teflon®, Viton®, St. steel
Polypr.	Teflon®	Hytrel®	Teflon®, Viton®, St. steel
Acetal	Acetal	Hytrel®	Viton®, St. steel
Al, Ni	Acetal	Hytrel®	Teflon®, Viton®, St. steel
Polypr.	Teflon®	Hytrel®	Teflon®, Viton®, St. steel
Acetal	Acetal	Hytrel®	Viton®, St. steel
Polypr.	Hytrel®	Hytrel®	Teflon®, Viton®, St. steel
Polypr.	Hytrel®	Hytrel®	Teflon®, Viton®, St. steel
Acetal	Acetal	Teflon®	Viton®, St. steel

Wall Mounted Pump Installation Kit

Components for a remote wall mounted air operated 1/2" diaphragm pump with drum suction attachment (205 l drum) and wall bracket.

Information

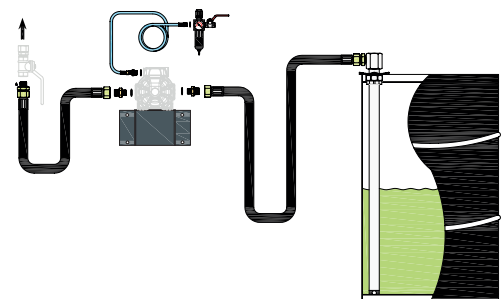
Air line hose 1,5 metre x 1/4" bore hose, Line hose 1,5 metre
 Drum suction attachment, tube length = 1,08 m

With Air treatment unit
 Without Air treatment unit

With Air treatment unit
 Without Air treatment unit

99666
99766

99668
99768



Water Anti Freeze Windshield Wash Detergents

(Concentrated Glycol; see the Oil Section)

Spring Operated Hose Reels

Series ORM

Open hose reel with a steel braided hydraulic hose, fitted with swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
15	10 - 3/8"	G3/8" (f)	18	180	White
15	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple

Series ORS

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
10	10 - 3/8"	G3/8" (m)	1,5	15	Green, Yellow
15	10 - 3/8"	G3/8" (m)	1,5	15	Green, Yellow, White
15	12,5 - 1/2"	G1/2" (f)	1,5	15	Green, Yellow, White
15	10 - 3/8"	G3/8" (f)	18	180	White
10	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple
15	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple

Series OR

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
20	12,5 - 1/2"	G1/2" (m)	1,8	18	White

Stainless Steel Reels

20	10 - 3/8"	G3/8" (f)	18	180	White
----	-----------	-----------	----	-----	-------

Series LOR

Heavy duty open hose reel with longer hose lengths, fitted with swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
25	10 - 3/8"	G3/8" (f)	40	400	White
25	12,5 - 1/2"	G1/2" (f)	30	300	White

Stainless Steel Reel

25	12,5 - 1/2"	G1/2" (f)	30	300	White
----	-------------	-----------	----	-----	-------

Series ORL

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
15	19 - 3/4"	G3/4" (f)	2	20	Green, Yellow, White

Series CRO

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
15	10 - 3/8"	G3/8" (m)	1,5	15	Green, Yellow
15	12,5 - 1/2"	G1/2" (m)	1,5	15	Green, Yellow, White
15	10 - 3/8"	G3/8" (f)	18	180	White
10	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple
15	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple

Series CRK

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
15	10 - 3/8"	G3/8" (m)	1,5	15	Green, Yellow
15	12,5 - 1/2"	G1/2" (m)	1,5	15	Green, Yellow, White
15	10 - 3/8"	G3/8" (f)	18	180	White
10	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple
15	10 - 3/8"	G1/2" (f)	7,5	75	Green, Yellow, Purple

Series CRS

Length m	Diameter mm-inch	Conn. threads	Work. Pressure		Color Code
			MPa	bar	
12	8 - 5/16"	G1/4" (m)	2	20	White
15	8 - 5/16"	G1/4" (m)	2	20	White
10	10 - 3/8"	G3/8" (m)	2	20	White
12	10 - 3/8"	G3/8" (m)	2	20	White

■ Water
 ■ Anti Freeze
 ■ Windshield Wash
 ■ Detergents
 (Concentrated Glycol; see the Oil Section)

Part No

55125
65125

45222
45225
45235
55225
65232
65235

45336
24957

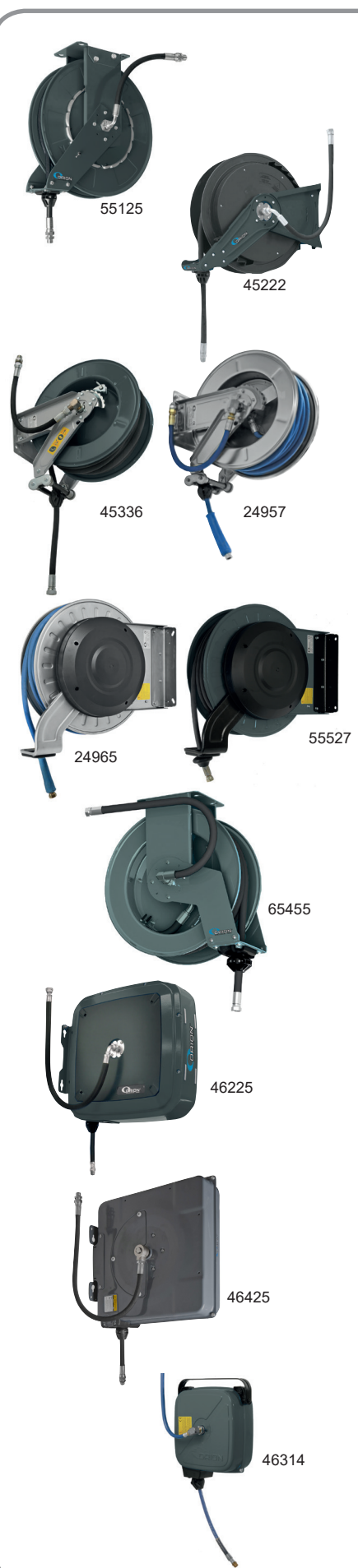
55527
55537
24965

65455

46225
46235
56225
66232
66235

46425
46435
56425
66432
66435

46314
46315
46322
46324



* Can be used for hot water. For more information, see the Hose Reel chapter. 73

Hose End Controls

Water Control Valve

Water control valve with rubber outlet. Inlet G1/4" (f). Weight: approx. 0,3 kg.

Description

- Water control valve with rubber nozzle ■ ■ ■ ■
- Water control valve with rubber nozzle G3/8" connection ■ ■ ■ ■
- Water control valve with rubber nozzle G1/2" connection ■ ■ ■ ■

Part No

- 24105
- 2410564
- 2410561



Water Control Valve

Water control valve with rigid outlet. Inlet G1/4" (f). Weight: approx. 0,3 kg.

Description

- Water control valve ■ ■ ■ ■
- Water control valve for G3/8" connection ■ ■ ■ ■
- Water control valve for G1/2" connection ■ ■ ■ ■

- 24106
- 2410664
- 2410661



Control Valve for Water Based Fluids

Water control valve with special rubber outlet that prevents foaming.

Description

- Water control valve with swivel G1/2" (m) ■ ■ ■ ■
- Water control valve with swivel G1/2" (f) ■ ■ ■ ■
- Water control valve with swivel G3/8" (f) ■ ■ ■ ■

- Water control valve with swivel G1/2" (m) and Meter (24773) ■ ■ ■ ■
- Water control valve with swivel G1/2" (f) and Meter (24773) ■ ■ ■ ■

- 2468060
- 2468061
- 2468064

- 24144
- 24143



Wash Handle

Heavy duty wash handle made of rubber covered die-cast brass. Flow pattern regulated by the trigger. Max pressure 3 MPa (30 bar). Connection thread G1/2" (f).

Description

- Wash handle G1/2" (f) ■ □ □ □
- Wash handle G3/8" (f) ■ □ □ □

- 28182
- 2818264



Wash Handle

Straight form wash nozzle with on/off and flow pattern regulated by turning the sleeve. Supplied with 1/2" hose connection.

Description

- | Description | Max pressure | Color | Part No |
|--|--------------|---------|----------|
| Wash nozzle with 1/2" hose bore in brass | 10 bar | ■ □ □ □ | 28268 |
| <i>Should not be under pressure when closed!</i> | | | |
| Wash nozzle with 1/2" hose bore in brass, O-ring sealed | 16 bar | ■ □ □ □ | 28368 |
| Bare hose adapter with hose bore 3/4" for 28368 | | ■ □ □ □ | 38220812 |
| Wash nozzle with G1/2" (f) connection in stain. steel, O-ring sealed | 16 bar | ■ □ □ □ | 28369 |

28268



28368



28369



Wash Handle

Heavy duty wash handle made of die-cast brass with rubber covered handle. Supplied with two nozzles, 2 mm and 4 mm jet holes. Flow pattern adjustable with control knob. Max pressure 4 MPa (40 bar).

Description

- Wash handle for 1/2" hose connection in brass ■ □ □ □
- Wash handle for 3/4" hose connection in brass ■ □ □ □

- 16004
- 16006



■ Water
 ■ Anti Freeze
 ■ Windshield Wash
 ■ Detergents

(Concentrated Glycol; see the Oil Section)

Spray Handles and Mobile Sprayer

Spray Handle with Spray Tube

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. Connection thread. G 3/8" (m).

Description

- Spray handle with spray tube
- Spare adjustable nozzle
- Spray handle with spray tube (Nickel plated brass)



Part No

- 24029
- 550012
- 24108



Spray Handle with Spray Tube

Designed for use with detergents. Consists of a thermoplastic valve body (24680) with an brass outlet tube. Two different spray nozzles for water- and petroleum based detergents. Connection G1/2" (f).

Description

- Spray handle with spray tube
- Spray handle with spray tube
- Spare adjustable nozzle

Outlet tube

- 500 mm
- 915 mm



- 24098
- 24099
- 550012

24099

24098



High Pressure Swivel

Designed for use with detergents. Connection G3/8" (f). Maximum pressure 25 MPa (250 bar).

Description

- High pressure swivel

24518



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.

Description

- | Description | Volume | Dim. (L x W x H) | Weight (approx.) | |
|-----------------|--------------|--------------------|------------------|--|
| Spray dispenser | approx. 24 l | 350 x 380 x 780 mm | 11,5 kg | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |

22422

Note: Suitable for petroleum based detergents only!

Spare parts:

- Spray tube with nozzle
- Spiral hose
- Refilling cap
- Seal for refilling cap
- Manometer

- 2346125
- 2346126
- 2395093
- 2395092
- 2315312

22422



Sprayers

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.

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.

Description	Volume	Work. Pressure	Pressure Generator	Weight
Sprayer	6 l	6 bar	Compressor/hand pump	4,4 kg
Sprayer	10 l	6 bar	Compressor/hand pump	5,5 kg

Same equipment as above, but completely in plastic and stainless steel including the spray wand. Delivered with both flat spray and round spray nozzle.

Description	Volume	Work. Pressure	Pressure Generator	Weight
Sprayer	10 l	6 bar	Compressor/hand pump	5,6 kg

Accessories

Trolley for above

Spray valve

Spray tube and nozzle

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).

Description	Volume	Work. Pressure	Pressure Generator	Weight
Sprayer, FPM seals	5 l	3 bar	Hand pump	2,6 kg
Sprayer, EPDM seals	5 l	3 bar	Hand pump	2,6 kg
Sprayer, FPM seals	10 l	3 bar	Hand pump	2,9 kg
Sprayer, EPDM seals	10 l	3 bar	Hand pump	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.

Description	Volume	Work. Pressure	Pressure Generator
Industry Sprayer	1,5 l	3 bar	Hand pump
Universal Sprayer	1,5 l	3 bar	Hand pump
Universal 360°	1,0 l	3 bar	Hand pump
Hand sprayer	1,0 l	-	-

Hand held Sprayer Cleaner for spraying chemicals in all areas, from strong acids (sprayer with FPM seals) to highly alkaline products (sprayer with EPDM seals).

Description	Volume	Work. Pressure	Pressure Generator
Sprayer Cleaner FPM	1,5 l	3 bar	Hand pump
Sprayer Cleaner EPDM	1,5 l	3 bar	Hand pump
Sprayer Cleaner Viton®	1,5 l	3 bar	Hand pump

■ Water
 ■ Anti Freeze
 ■ Windshield Wash
 ■ Detergents

(Concentrated Glycol; see the Oil Section)

Part No



3595F

3615X



3965

3275PP



3595F

3615F

3615X

3965

6321L

3658

3131P



3132PG



3275PP

3275PE

3270PP

3270PE

3132PR



3111P



3131P

3132PG

3132PR

3111P

3132PP



3132BC



3132PP

3132BC

3132NG

Drum Pumps, Hand Operated

Rotary Pump for Waterbased Fluids, Oil and Other Chemicals

Rotary pump made of PVC with Ø 27 mm outlet pipe. G2" (m) bung adapter. Suction tube in 3 sections.

Description	Suction tube Length	Suction tube Diameter	Capacity (approx.)
Rotary Pump	280-1.030 mm	Ø 44 mm	0,3 l/turn

Part No

21200



Drum Pump

Drum pump in Polypropylene with steel pump rod. The lever can be mounted in three different positions to change the stroke length and output capacity, (see below). Delivered with telescopic suction tube and G2" and G1 1/2" bung adapter. Suction tube diameter Ø 40 mm.

Description	Colour	Suction tube length	Seals Material	Capacity
Drum pump	black/blue	340-900 mm	Viton®	0,3 to 0,45 l/stroke
Drum pump	black/green	340-900 mm	Viton®	0,3 to 0,45 l/stroke
Drum pump	black	340-900 mm	Teflon®	0,3 to 0,45 l/stroke

21210

21211

21215



Drum Pump

Drum pump in Polypropylene with EPDM or Viton seals. Extra smooth pump lever movement thanks to the linkage between the lever and pump rod. Delivered with telescopic suction tube and G2" bung adapter. Suction tube diameter Ø 35 mm.

Description	Colour	Suction tube length	Seals Material	Capacity
Drum pump	black/blue	350-980 mm	EPDM	0,5 l/stroke
Drum pump	black/red	350-980 mm	Viton®	0,5 l/stroke

21131

21132

Drum Pump

Drum pump in Polypropylene and Polyethylene with Viton seals. Delivered with telescopic suction tube and G2" bung adapter. Suction tube diameter Ø 27 mm.

Description	Colour	Suction tube length	Seals Material	Capacity
Drum pump	black/blue	480-950 mm	Viton®	0,3 l/stroke

21122

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.

Description	Capacity (Engine oil 20 °C)
Diaphragm pump, bare pump.	25 l/min.
Diaphragm pump with accessories	25 l/min.

21220

21221



Drum Pump

Drum pumps made of Polypropylene, Nylon 6 or stainless steel. G2" (m) bung adapter.

Description	Suction tube Length	Material in contact with the liquid
Drum Pump	1.000 mm	Nylon 6
Drum Pump	500 mm	Nylon 6
Drum Pump	1.000 mm	Polypropylene
Drum Pump	500 mm	Polypropylene
Drum Pump	700 mm	Stainless steel, Teflon®

21027

21047

21028

21048

21300



Manual Syphon Pumps

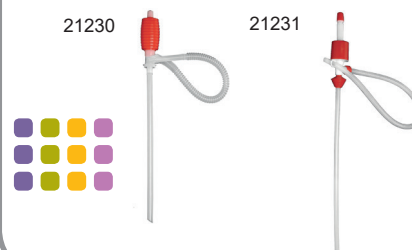
Manually operated syphon pump with a polyethylene suction tube, made for different container sizes

Description	For container tube length	Suction approx.	Capacity size
Suction operated	25 l	390 mm	6,5 l/min.
Piston operated	60 l	590 mm	10 l/min.
Piston operated	200 l	850 mm	18,5 l/min.

21230

21231

21232



■ Water
 ■ Anti Freeze
 ■ Windshield Wash
 ■ Detergents
 (Concentrated Glycol; see the Oil Section)

For other fluids, contact us!
For special drum adaptors, see oil chapter.

Drum Tap, Measures, etc

Drum Tap

Drum Tap for drums in horizontal position.

Description	Material	Conn. thread	
Drum Tap, push valve	Aluminium, nitrile rubber	G2" (m)	
Drum Tap, turn valve	Stainless steel, Teflon®	G3/4" (m)	

Part No

24506

24580



24506
24580

Graduated Measures

Moulded from high quality plastic in various sizes as a set.

Description	
7 measures 0,1, 0,25, 0,5, 1,0, 2,0, 3,0 & 5,0 l	

21609



Plastic Measures

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

Description	Volume	
Liquid measure	1 l	
Liquid measure	2 l	
Liquid measure	3 l	
Liquid measure	5 l	

21625
21626
21657
21627



Tin Measures

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

Description	Volume	
Liquid measure	1 l	
Liquid measure	2 l	
Liquid measure	5 l	
Liquid measure	10 l	
Liquid measure	20 l	

21637
21638
21667
21668
21669



21637

21668

Containers

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

Description	Volume	
Liquid measure	6 l	
Liquid measure	10 l	

21644
21645



21644

21645

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.

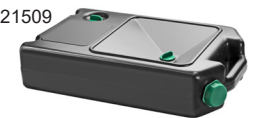
Description	Volume	
Oil Drain & Parts cleaning pan	8 l	
Oil Drain & Parts cleaning pan. Black	14 l	
Oil Drain. Black	8 l	

21635
21619
21509

21635



21509



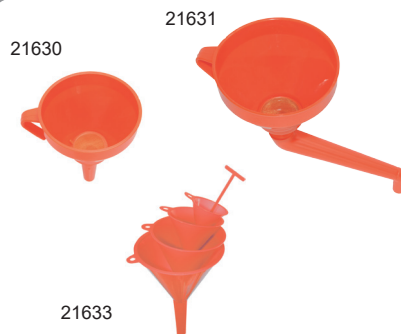
21619



Funnels

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

Description	Volume		Part No
Funnel with straight spout	1,3 l	■ ■ ■ ■	21630
Funnel with spout off-set approx 180 mm	1,3 l	■ ■ ■ ■	21631
Funnel kit (Ø 65, 75, 100 och 120 mm)	0,05-0,27 l	■ ■ ■ ■	21633



Anti-splash Funnels

Description		Part No
Ø 190 mm funnel with anti-splash rim, filter and flexispout	■ ■ ■ ■	21632
Ø 230 mm funnel with anti-splash rim, filter and flexispout	■ ■ ■ ■	21605



Garage Funnels

Description		Part No
300 mm garage funnel with filter	■ ■ ■ ■	21606
300 mm garage funnel c/w diesel/water separator filter	■ ■ ■ ■	21607



Tin Funnels

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

Description	Dimension		Part No
Tin funnel	Ø 160 mm	□ ■ □ ■	21628
Tin funnel	Ø 200 mm	□ ■ □ ■	21629
Threaded spout	300 mm	□ ■ □ ■	21634



Garage Kit

Includes the most commonly used measures, funnels, container and oil drain.	■ ■ ■ ■	21610
---	---------	-------



Installation Accessories

Air Treatment Units

Description	Conn. thread	Consisting off
Air treatment unit	G1/4 (f)	42107, 42009, 42110, 301296
Air treatment unit, complete, assembled	G1/4 (f)	42107, 42009, 42108, 42110, 42125

Accessories:

Bracket for Air treatment unit mounted on top of the 22770 and 22775 pumps
 Air hose for Air treatment unit

Part No

- 42103
- 42105
- 2026154
- 2226155



Air Line Hoses

For connection of pump motor to main air line, made of braided PVC, max. working pressure 1,5 MPa (15 bar), swaged couplings; one with swiveling nut and connection adapter (male/male).

Description	Hose Diameter	Length	Conn. thread
Air Line Hose	1/4" i.d.	1,5 m	G1/4"(m)
Air Line Hose	1/4" i.d.	3 m	G1/4"(m)
Air Line Hose	3/8" i.d.	1,5 m	G3/8"(m)
Air Line Hose	3/8" i.d.	3 m	G3/8"(m)

- 48001
- 480013M
- 48002
- 480023M

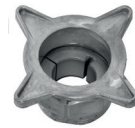


Bung Adapters

With split collars for pump tube diameters shown below.
 G2" (m) thread for drum or drum covers.

For pump tube diameter	Fits Orion pump models
50	22720, 22725, 22772, 22777
52	22820, 22825
54	22770, 22775

- 28595
- 28592
- 2125753

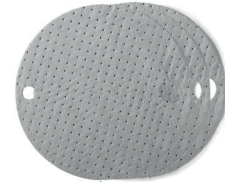


Drum Cover Protection (205 l Drums)

Keeps drum cover and surroundings clean.

No/box	Diam.	Absorbing capacity	
25	Ø 56 cm	~2 l/st	■ ■ ■ ■ ■
1	Ø 56 cm	~2 l/st	■ ■ ■ ■ ■

- 34108
- 34109



Wall Bracket and Floor Stand

For pump mounting. Pump mounting thread G2" (f).

Description

- Wall bracket
- Floor stand
- Wall bracket for diaphragm pumps 1/2"
- Wall bracket for diaphragm pumps 1"

- 28524
- 28506
- 28553
- 28552

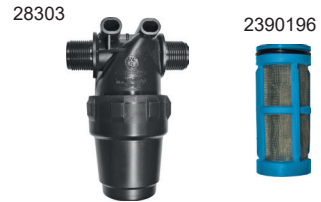


Water Inlet Filter

For installation in pipe lines to prevent contamination.

Description	Conn. threads	Max pressure	
Filter, 100 mesh	G3/4" (m)	14 bar	■ □ □ □ □
Spare Cartridge 100 mesh			■ □ □ □ □
Spare O-ring Viton®			■ □ □ □ □
Spare O-ring NBR			■ □ □ □ □

- 28303
- 2390196
- 2390193
- 2390192



Strainers

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

Conn. threads	Strainer rating	Body materia	Dimension	
G1/2 "(f)	200 µm	Stainless steel		■ ■ ■ ■ ■
G3/4" (f)	200 µm	Stainless steel		■ ■ ■ ■ ■
In G3/4" (f)-Out G1/2 (f)	25 µm	Aluminium	Ø 60 x 111 mm	■ ■ ■ ■ ■

- 28022
- 28059
- 24583



■ Water ■ Anti Freeze ■ Windshield Wash ■ Detergents

(Concentrated Glycol; see the Oil Section)

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" (AG) - G3/4" (AG). Other lengths are available upon request.

Description	Length		Part No
Distribution hose	2 m	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28009
Distribution hose	3 m	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28010
Distribution hose	4 m	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28011
Distribution hose	5 m	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28012
Distribution hose	6 m	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28013
Distribution hose	8 m	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28015



Connection Hoses

Connection hose of Nitrile rubber, wire braided, swaged couplings with swivelling nuts and adapter.

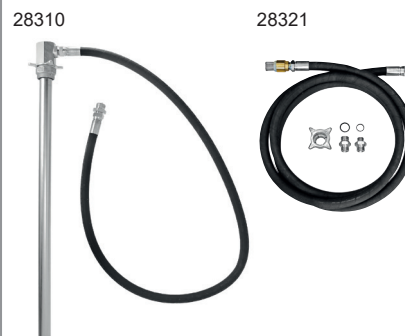
Description		Part No
Tank Connection Hose, Length 1,0 m, with one straight coupling, G1"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28078
Tank Connection Hose, Length 1,0 m, with one straight and one 90°-angle coupling, G1". Mainly used with pumps mounted in floor stands	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28080
Connection Hose, Length 1,5 m, with two straight couplings, G1" & G3/4"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28079
Connection Hose, Length 1,5 m, with two straight couplings, G1/2" & G3/4"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28639
Connection Hose, Length 1,5 m, with two straight couplings, G1/2" & G1"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28649



Drum Suction Attachments

Riser tube with foot valve and G2" bung adapter.

Riser tube length	Hose length	Conn.thread		Part No
1,08 m	2 m	G3/4"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28310
1,7 m	2 m	G3/4"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28311
1,08 m	2 m	Hose 3/4"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28309
-	5 m (max. 3 m tank depth)	G3/4"	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28321



Shut-off Valves

Ball-valves made of brass with Teflon®-seals and long or short levers.

Conn. thread (f)	PN	Lever		Part No
G3/8"	6,4 MPa (64 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101117
G1/2"	6,4 MPa (64 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101093
G3/4"	4,0 MPa (40 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101111
G1"	4,0 MPa (40 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101081
G1 1/4"	2,5 MPa (25 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101087
G1 1/2"	2,5 MPa (25 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101084
G2"	2,5 MPa (25 bar)	Long	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101102
G1/4"	6,4 MPa (64 bar)	Short	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101129
G3/8"	6,4 MPa (64 bar)	Short	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101144
G1/2"	6,4 MPa (64 bar)	Short	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	30101123



Pressure relief valve

For protection of equipment against system pressure increase due to heat expansion. (1 °C increase in temperature can cause 1,0 MPa, 10 bar increase in system pressure).

Pressure relief valve in brass G 1/4". Releases pressure at 6 MPa (60 bar)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28625
Pressure relief valve in brass G 1/4". Releases pressure at 2 MPa (20 bar)	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	28643



Installation Accessories

Drip Holsters

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

Description

Drip Holster

Drip holster with removable spill tray

Drip holster with removable spill tray

Part No

29090

29086

29096

29090



29086



29096



Hose Storage Brackets

Description

A wall mounting bracket for storage of hoses, tools etc. Two fixing holes Ø 5 mm

For fixing to the wall to support hoses that otherwise would interfere with the work area.

Two fixing holes Ø 5 mm.

6027

28185

6027



28185



Hose Storage Rack

Designed for max. 30 m x 1/2" - hose. For wall mounting.

Dimensions: approx. 200 x 300 x 120 mm (W x H x D).

28251

28251





6 Diesel

Electric Diesel Pumps.....	84
Diesel Pump Accessories	85
Diaphragm Diesel Pumps.....	85
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Jerry Cans	87



Electric Diesel Pumps

Wall Mounted Pump Kit 230 V / 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

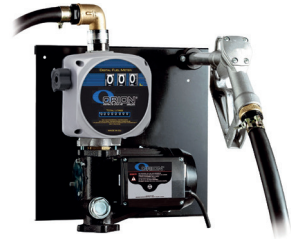


Wall Mounted Pump Kit 230 V- 50 l/min.

50 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, aluminium nozzle and a three digit meter, flange mounted to the pump. Fluid inlet connection: 1" BSP (f).

Meter valid for non commercial applications only.

53701



Diesel Transfer Pump Kit 230 V / 50 l/min.

230 V AC diesel transfer pump 50 l/min equipped with 4 m delivery hose, aluminium delivery nozzle and 2 m cable.

53710



Diesel Transfer Pump Kit 230 V / 70 l/min.

230 V AC diesel transfer pump 70 l/min equipped with 4 m delivery hose, aluminium delivery nozzle and 2 m cable.

53713



Diesel Transfer Pump Kit 24 V- 40 l/min.

24 V diesel transfer pump equipped with 4 m x Ø 19 mm delivery hose, aluminium delivery nozzle and 2 m cable with alligator clamps.

53711



Diesel Transfer Pump Kit 12 V- 40 l/min.

12 V diesel transfer pump equipped with 4 m x Ø 19 mm delivery hose, aluminium delivery nozzle and 2 m cable with alligator clamps.

53712

Diesel Transfer Pumps

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

230V Diesel Transfer Pump, 50 l/min
 230V Diesel Transfer Pump, 70 l/min
 24V Diesel Transfer Pump, 43 l/min
 24V Diesel Transfer Pump, 65 l/min
 12V Diesel Transfer Pump, 40 l/min
 12V Diesel Transfer Pump, 60 l/min

53740

53741

53735

53736

53730

53731



Mobile refill tank for diesel

Complete fitted with a 12V electric pump and gun handle.

220L Dimensions (L x W x H): 900 x 600 x 615 mm Weight empty approx. 25 kg.

53762

440L Dimensions (L x W x H): 1200 x 800 x 782 mm Weight empty approx. 50 kg.

53764

Mobile diesel distributor

Mobile distributor (110 l) for diesel. Complete fitted with pump and gun grip. Dimensions (L x W x H): 500 x 470 x 1100 mm Weight empty approx. 15 kg.

With handpump

63210

With 12 V electric pump

63215



Accessories and Diaphragm Diesel Pumps

Diesel Pump Accessories

Description	Information
Diesel meter	100 l/min. Reliable, easy to install and simple to calibrate. G1" (f) inlet and outlet, both with flange for flange mounted applications. Maximum pressure: 10 bar. Flow range: 10 to 100 l/min. Precision after calibration: ± 1%.
Automatic nozzle	Fluid inlet: G1" (f). Maximum delivery: 45 l/min.
Automatic nozzle	Fluid inlet: G1" (f). Maximum delivery: 80 l/min.
Manual nozzle	Fluid inlet: G1" (f). Maximum delivery: 100 l/min. Includes inlet swivel and lockable trigger.
Inlet swivel	For G1" (f) nozzles. Inlet/outlet threads: G1" (f).
Spare vanes	For the Diesel pumps.
Suction hose	Ø 25 mm x 5 m suction hose with foot valve. G1" (m)
Suction attachment	with telescopic suction tube - 1.000/1.800 mm. G1" (m), G2" bung adaptor and foot valve with filter.

Part No

23610

23605

23608

23606

23607

2446080

28321

23609

23610



23609



23606



23605



Air Operated Diaphragm Pump 1:1

Transfer pump for connection to bulk tank or drum.
Double acting air operated pump for transferring oil and non-corrosive liquids.

Pressure ratio 1:1

Capacity
22210 Max 50 l/min., free flow at 0,7 MPa (7 bar).
22310 Max 100 l/min., free flow at 0,7 MPa (7 bar).
22330 Max 250 l/min., free flow at 0,7 MPa (7 bar).

Air pressure
0,15 MPa (1,5 bar) - 0,7 MPa (7 bar)

Connections
Air: 22210, 22310 G3/8" (f)
22330 NPSM 1/2" (f)
Oil: 22210 inlet-outlet G1" (f)
22310 inlet-outlet G1" (f)
22330 inlet-outlet G1 1/2" (f)

22210

22310

22330

22210



22330



Body	Valves	Diaphragm	Other wetted materials
Aluminium	Acetal	Hytrej®	Teflon®, Viton®, NBR, St. steel
Aluminium	Hytrej®	Hytrej®	Teflon®, NBR, St. steel
Aluminium	Acetal	Hytrej®	NBR, St. steel

Installation Kit for Diaphragm Pump

Components for an air operated Diaphragm pump, for 205 l drums and 1.000 l IBC containers.

Information

Air line hose (48001) 1/4" L= 1,5 m

Oil line hose (28079) 3/4" L= 1,5 m

Suction hose 28310 L= 2,0 m and suction tube L= 1,0 m

Installation kit for 22210 with air treatment unit
Installation kit for 22210 without air treatment unit
Installation kit for 22310 with air treatment unit
Installation kit for 22310 without air treatment unit

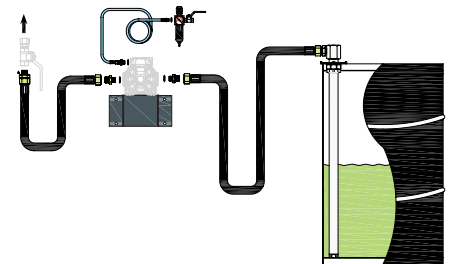
99666

99766

99667

99767

Note: Pump not included, ordered separately.



Fuel Suction Unit for gasoline, E85 & diesel

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

Description

Fuel Suction Unit 120 l with hose and adaptors

29555



Spring Operated Hose Reels for Diesel

Series ORK

Open hose reel with a steel braided hydraulic hose, fitted with swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Working Pressure	
			MPa	bar
6	19 - 3/4"	G3/4" (f)	7,5	75

Part No

35151

Series ORL

Heavy duty open hose reel with longer hose lengths, fitted with swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Working Pressure	
			MPa	bar
20	12,5 - 1/2"	G1/2" (f)	7,5	75
15	19 - 3/4"	G3/4" (f)	7,5	75

25436

25455

Series LOR

Open hose reel with steel braided, oil resistant rubber hose.

Length m	Diameter mm-inch	Conn. threads	Working Pressure	
			MPa	bar
20	19 - 3/4"	G3/4" (f)	6	60
15	25 - 1"	G1" (f)	6	60

25556

25565

Series ORB

Extra Heavy Duty open hose reel with longer hose lengths. All hoses are fitted with swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Working Pressure	
			MPa	bar
25	19-3/4"	G3/4" (f)	7,5	75
15	25,4-1"	G1" (f)	7,5	75

25657

25665

Series ORH

Extra Heavy Duty open hose reel with longer hose lengths for oil and diesel. All hoses are fitted with swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Working Pressure	
			MPa	bar
15	37,5-1 1/2"	G1 1/2" (f)	2	20

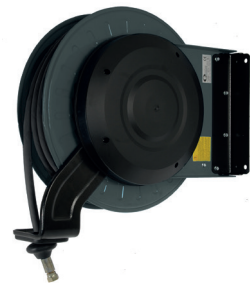
25885

Series CRK

A medium sized enclosed hose reel. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

Length m	Diameter mm-inch	Conn. threads	Working Pressure	
			MPa	bar
6	16 - 5/8"	G1/2" (f)	7,5	75

36441



Trattar och Bränsledunkar

Anti-splash Funnels

Description

Ø 190 mm Funnel with anti-splash rim, filter and flexispout.
Ø 230 mm Funnel with anti-splash rim, filter and flexispout.

Part No

21632
21605



Garage Funnels

Description

300 mm Garage funnel with filter.
300 mm Garage funnel c/w diesel/water separator filter.

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 of them UN Approved.

Description	Volume
Jerry Can, HDPE	5 l
Jerry Can, HDPE	10 l
Jerry Can, HDPE	20 l

21675
21676
21677



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 of them UN Approved. Outlet spout not included.

Description	Volume
Jerry Can, Metal	5 l
Jerry Can, Metal	10 l
Jerry Can, Metal	20 l

Accessories

Outlet spout

21685
21686
21687

21690



Notes:

Ruled area for taking notes, consisting of horizontal dotted lines.



7 AdBlue®

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AdBlue® Electric Pumps

Electric 230 V AC 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.

Voltage	230 VAC
Power	400 W
Capacity	Max 31 l/min
Max working pressure	1,6 bar
Max suction height	1,8 m
Inlet and outlet threads	G1" (m)

Part No

55520



Electrical 12/24 V DC 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.

Capacity	Max 35 l/min
Max working pressure	1,6 bar
Max suction height	1,8 m
Inlet and outlet threads	G1" (m)

12 VDC, motor power 260 W

24 VDC, motor power 310 W

55530

55531



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.

With 230 VAC pump 55520

With 12 VDC pump 55530

With 24 VDC pump 55531

75010

75011

75012



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.

With manual nozzle

With automatic nozzle

75015

75016

75016



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.

With automatic nozzle

75020

Accessories

Electric cable reel 15m x 1,5 mm²

Bracket for cable or hose reel

53621

28654



Air Operated Diaphragm Pump 1:1

Air operated transferpump for AdBlue® etc.
Manufactured in Polypropylene with diaphragms in Hytrel.

Pressure ratio 1:1	
Capacity	22206 Max 30 l/min., free flow, at 0,7 MPa, (7 bar). 22230 Max 50 l/min., free flow, at 0,7 MPa, (7 bar).
Air pressure	0,15 MPa (1,5 bar) - 0,8 MPa (8 bar)
Connections	Air: G3/8" (f) Liquid: 22206 inlet-outlet G3/8" (f) 22230 inlet-outlet G1/2" (f)

Part No

22206
22230



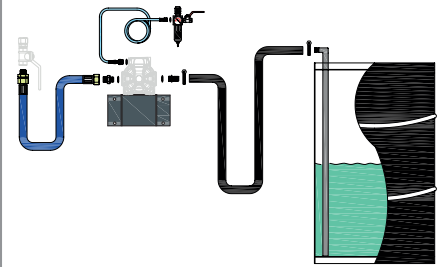
Wall Mounted Pump Installation Kit

Components for a remote wall mounted air operated pump with drum suction attachment (205 l drum)

Information
Air line hose 1,5 metre x 1/4" bore hose
Line hose 1,5 metre
Drum suction attachmen, tube length = 1,08 m

Incl FRL-unit
Excl FRL unit
Note! Pump not included!

99668
99768



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.

Distribution kit with manual nozzle
Distribution kit with automatic nozzle

75050
75051



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.

Distribution kit with manual nozzle 2468070
Distribution kit with hose end meter 24145
Distribution kit with hose end meter with overfilling indication 24146

75055
75056
75057



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.

With automatic nozzle

Accessories
Hose reel CRS 15m x 5/16"
Bracket for cable or hose reel

75060

46315
28654



AdBlue® Pumps & Hose Reels

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.

At for example repair, the unit can be used to evacuate the AdBlue® from a vehicles tank and then refill with the same fluid.

Series ORS

Open hose reel of aluminium with composite drum, fitted with stainless steel swivel and stainless steel swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Woking pressure	
			MPa	bar
10	12,5 - 1/2"	G1/2" (f)	1,5	15
15	12,5 - 1/2"	G1/2" (f)	1,5	15

Series OR

Open stainless steel hose reel with longer hose lengths, fitted with stainless steel swaged couplings.

Length m	Diameter mm-inch	Conn. threads	Comment	
			20	12,5 - 1/2"
15	19 - 3/4"	G3/4" (f)	Painted steel	

Series ORL

Length m	Diameter mm-inch	Conn. threads	Work. Pressure	
			MPa	bar
15	19 - 3/4"	G3/4" (f)	2	20

Series CRK

Enclosed hose reel with stainless steel swivel and swaged fittings. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

Length m	Diameter mm-inch	Conn. threads	Woking pressure	
			MPa	bar
10	12,5 - 1/2"	G1/2" (f)	1,5	15
15	12,5 - 1/2"	G1/2" (f)	1,5	15

Series CRO

Enclosed hose reel with stainless steel swivel and swaged fittings. The hose reel can be mounted on the ceiling, the wall or the floor. The wall bracket can easily be moved to fit other installations.

Length m	Diameter mm-inch	Conn. threads	Woking pressure	
			MPa	bar
10	12,5 - 1/2"	G1/2" (f)	1,5	15

Part No

75000

75232

75235

24971

75355

65455

76432

76435

76232



75000



75232



24971



65455



76432



76232

AdBlue® Nozzles & Hand Operated Pumps

AdBlue® Nozzles

Description	Max.flow	Inlet
Automatic Nozzle <i>(Magnetic ring for opening the valve is not required)</i>	45 l/min.	Ø 19 mm with swivel
Manual Nozzle	80 l/min.	G1" (f) with swivel
Manual Nozzle	40 l/min.	G1/2" (f) with swivel
Automatic Nozzle	45 l/min.	Ø 19 mm with swivel
Automatic Nozzle	10 l/min.	G1" (f) with swivel
Automatic Nozzle	15 l/min.	Ø 19 mm with swivel

AdBlue® Hose End Meter

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

Description	Max.flow	Connection	Max pressure
Hose End Meter	50 l/min.	G1/2" (m) with swivel	3 MPa
Hose End Meter with overfilling indication	50 l/min.	G1/2" (m) with swivel	3 MPa

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 electronics is powered by two batteries for easy changing.

Technical information

Accuracy: +/- 1%. Can be calibrated

Description	Max.flow	Connection	Max pressure
Turbine meter	120 l/min.	G1" (m) (f-f adapter incl.)	1 MPa
PVC meter	50 l/min.	G1/2" (f)	3 MPa

Hand Operated Drum Pump

Made of polypropylene with EPDM or Viton seals. Delivered with telescopic suction tube and G2" drum adapter.

Description	Color	Suction tube length	Seal material	Capacity
Drum pump	black/blue	350-980 mm	EPDM	0,5 l/slag
Drum pump	black/blue	480-950 mm	Viton	0,3 l/slag

Accessory

2 m delivery hose in EPDM with outlet valve

Rotary Pump

Rotary pump made of polypropylene with Ø 27 mm outlet pipe and G2" (m) bung adapter.

Description	Suction tube Length.	Suction tube diam.	Capacity (approx.)
Vevpump	280 - 1.030 mm	Ø 44 mm	0,3 l/turn

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.

Part No

23577
23580
2468070
75200
75201
75202

24145
24146

24759
24773
24777

21131
21122
28400

21200

75100



AdBlue® Accessories

Mobile refill tank for AdBlue®

Complete fitted with a 12V electric pump and gun handle.

220L Dimensions (L x W x H): 900 x 600 x 615 mm Weight empty approx. 25 kg.

440L Dimensions (L x W x H): 1200 x 800 x 782 mm Weight empty approx. 50 kg.

Mobile AdBlue® distributor

Mobile distributor (110 l) for AdBlue®. Complete fitted with pump and gun grip. Dimensions (L x W x H): 500 x 470 x 1100 mm Weight empty approx. 15 kg.

With handpump

With 12 V electric pump

Part No

53772

53774



73210

73215

Drum Adapters

Description	Information	
Adapter	G2" (f) - Trisure Ø 55 mm, pitch approx. 4 mm (m)	28235
Adapter	G2" (f) - Multi adapter with locking screw Ø55-65 mm (f)	28236
Adapter	G2" (f) - Midland	28234
Adapter	G2" (f) - Mauser Ø 68 mm, pitch approx. 6 mm (m)	28238
Adapter	G2" (f) - Berg Ø 53 mm, pitch approx. 3,5 mm (f)	28239
Adapter	G2" (f) - DIN 70 (f) pitch approx. 6 mm	2310035
Adapter	G2" (f) - DIN 61 (f) pitch approx. 5 mm (IBC)	2310034
Adapter	G3/4" (f) - Trisure Ø 55 mm, pitch 4 mm (m)	2310037
Adapter	G3/4" (f) - DIN 70 (f) pitch approx. 6 mm	2310038
Adapter	DIN 61 pitch approx. 5 mm (IBC) - hose tail 25 mm (1")	28339



Accessories

Telescopic suction tube with suction tube adaptor for drums and IBC
Hose tail 20mm

Hose fitting G1" (f) - D20 mm	7350012
Hose fitting G1" (f) - D25 mm	7350013
Hose fitting G1" (m) - D20 mm	7350009
Hose fitting G3/4" (m) - D13 mm	7350016
Hose fitting G1/2" (m) - D13 mm	7350006
Hose fitting G1/2" (m) - D20 mm	7350008

Adapter G1/2" (m) - G3/4" (f)	7350005
Adapter G1/2" (m) - G1/2" (m)	7350015

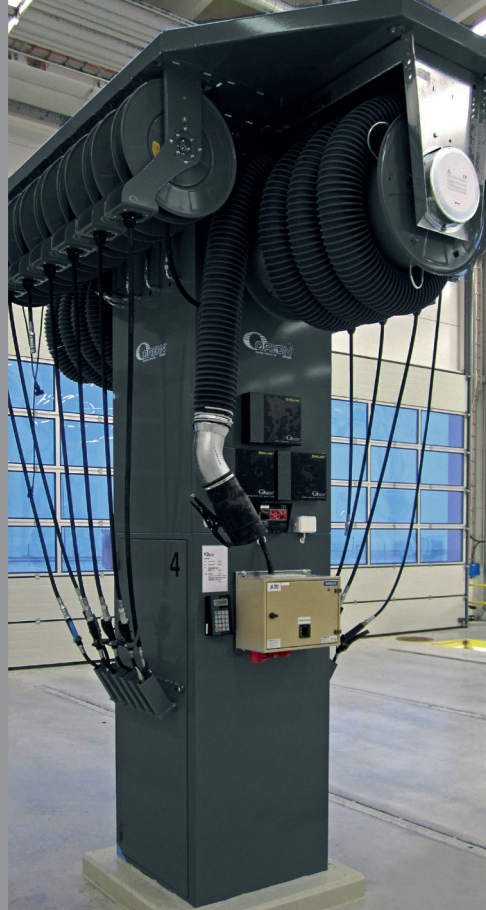
Foot valve, connection G1" (f)	7350020
Check valve, connection 2 x G1" (f)	7350021

Hose clamp 12 - 22 mm	72101126
Hose clamp 16 - 25 mm	72101081
Hose clamp 20 - 32 mm	72101087

Pump bracket for plastic drums and IBC	75300
--	-------

Distribution hose 1/2" (per m)	14095008
Suction hose 1/2" (per m)	14611008
Suction hose 3/4" (per m)	14611012





8 Hose Reels

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Hose Reels, Open

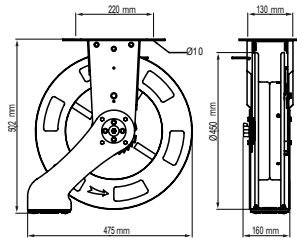
Wherever longer hoses are required it is strongly recommended that hose reels are used. There are several advantages in using hose reels, such as longer hose life, increased safety and improved efficiency.

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 or ceiling or to special frameworks. We recommend that they should be installed at least 2,5 meters above the floor.

Series ORK

Open hose reels for air, water, oil, grease and waste oil suction. Manufactured in sheet metal, painted in grey. The air and water reels have a simple cord braided hose and the oil and grease reels have a steel braided hydraulic hose. All hoses are fitted with swaged couplings. The Vacuum hose reel is specially designed for this purpose and the hose is fitted with a waste oil nozzle for quick connection of probes.



Media	Hose lengths meter	Hose dim. mm-inch	Max. pressure MPa-bar
Air/Water	10	10 - 3/8"	2,0 - 20
Oil/ Air	10	12,5 - 1/2"	7,5 - 75
Grease	10	6,35 - 1/4"	40 - 400
Waste oil suction	6	19 - 3/4"	Vacuum
Various	max. 10	without hose	7,5 - 75

Pivoting wall bracket

Part No

45122

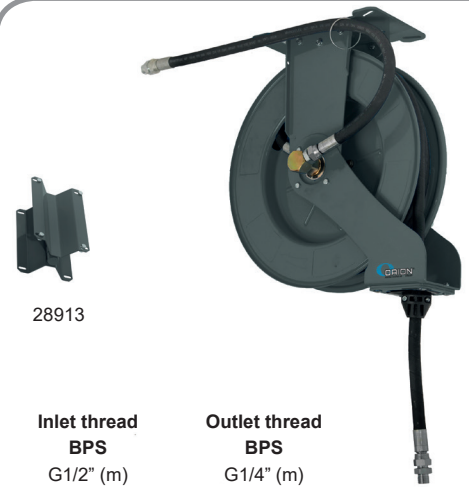
25132

15112

35151

25102

28913



28913

**Inlet thread
BPS**

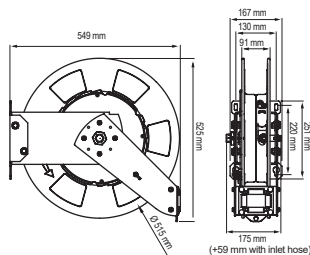
G1/2" (m)
G1/2 (m & f 60°)
G1/4" (f)
G1/2" (m)
G1/2" (f) swivel

**Outlet thread
BPS**

G1/4" (m)
G1/2 (m & f 60°)
G1/4" (m)
G1/2" (m)
G3/8" (f) shaft

Series ORM

Open hose reel for air, water, oil and grease. Manufactured in sheet metal, painted in grey. The air reels have a simple cord braided hose and oil and grease reels have a steel braided hydraulic hose. All hoses are fitted with swaged couplings.



Media	Hose lengths meter	Hose dim. mm-inch	Max. pressure MPa-bar
Air/Water	15	12,5 - 1/2"	2,0 - 20
Oil/ Air	15	12,5 - 1/2"	7,5 - 75
Grease	15	10 - 3/8"	40 - 400
Hot water	15	10 - 3/8"	18 - 180
Various	max. 15	without hose	7,5 - 75
Wind screen wash	15	12,5 - 1/2"	7,5 - 75

Pivoting wall bracket

45135

25135

15125

55125

25105

65135

28913



28913

**Inlet thread
BPS**

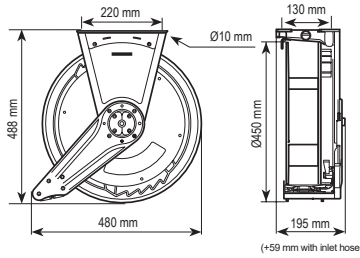
G1/2" (m)
G1/2 (m & f 60°)
G3/8" (f)
G1/2" (f)
G1/2" (f) swivel
G1/2 (m & f 60°)

**Outlet thread
BPS**

G1/2" (m)
G1/2 (m & f 60°)
G3/8" (f)
G3/8" (m)
G3/8" (m)
G1/2 (m & f 60°)

Series ORS

Open single arm hose reel with longer hose lengths for oil, grease, air and water. If mounted to the ceiling the hose guide must be located to give correct hose direction. All hoses are fitted with swaged couplings.



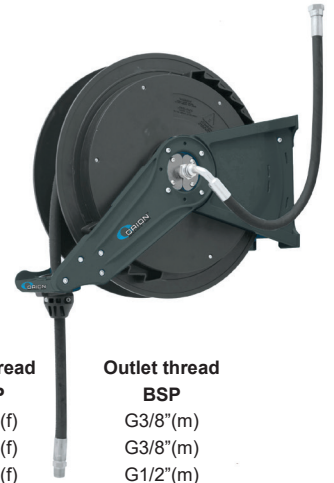
Media	Hose lengths	Hose dim. mm-inch	Max. pressure MPa-bar	Part No
	metre			
Air/Water	10	10 - 3/8"	1,5 - 15	45222
Air/Water	15	10 - 3/8"	1,5 - 15	45225
Air/Water	15	12,5 - 1/2"	1,5 - 15	45235
Oil/Air/Water	10	12,5 - 1/2"	7,5 - 75	25232
Oil/Air/Water	15	12,5 - 1/2"	7,5 - 75	25235
Grease	10	6,35 - 1/4"	35 - 350	15212
Grease	15	10 - 3/8"	35 - 350	15225
Hot water, max 150 °C	15	10 - 3/8"	18 - 180	55225
Wind screen wash/	10	12,5 - 1/2"	7,5 - 75	65232
Degreaser	15	12,5 - 1/2"	7,5 - 75	65235
Waste oil suction	6	16 - 5/8"	Vacuum	35241
AdBlue®	10	12,5 - 1/2"	1,5-15	75232
AdBlue®	15	12,5 - 1/2"	1,5-15	75235
Various	10	Without Hose		25205

Pivoting wall bracket

Part No

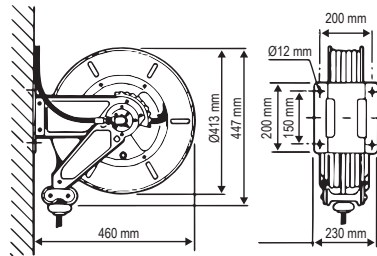
28913

Inlet thread	Outlet thread
BSP	BSP
G1/2" (f)	G3/8" (m)
G1/2" (f)	G3/8" (m)
G1/2" (f)	G1/2" (m)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/4" (f)	G1/4" (m)
G3/8" (f)	G1/4" (m)
G3/8" (f)	G3/8" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)



Series OR

Open hose reel with longer hose lengths for oil, grease, air and water. If mounted to the ceiling the hose guide must be located to give correct hose direction. All hoses are fitted with swaged couplings.



Media	Hose lengths	Hose dim. mm-inch	Max. pressure MPa-bar	Part No
	metre			
Air	20	12,5 - 1/2"	1,8 - 18	45336
Air / st. steel	15	12,5 - 1/2"	1,8 - 18	45335RF
Oil/ Air	20	12,5 - 1/2"	6 - 60	25336
Oil/ Air / st. steel	15	12,5 - 1/2"	6 - 60	25335RF
Grease	15	10 - 3/8"	40 - 400	15325
Hot water / st. steel	20	10 - 3/8"	18 - 180	24957
AdBlue® / st. steel	20	12,5 - 1/2"	6 - 10	24971
Washer fluid / st. steel	15	12,5 - 1/2"	6 - 60	65335RF
AdBlue®	15	19 - 3/4"	6 - 60	75355
Various	max. 20	without hose	40 - 400	25306

Pivoting wall bracket

Welding Hose reel
Oxygene/Propan

15

Twin 10 mm

28902

44465

Inlet thread	Outlet thread
BSP	BSP
G1/2" (m)	G1/2" (m)
G1/2" (m)	G1/2" (m)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G3/8" (f)	G3/8" (f)
G3/8" (f)	G3/8" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G3/4" (f)	G3/4" (f)
Connection thread	G3/8" (f)

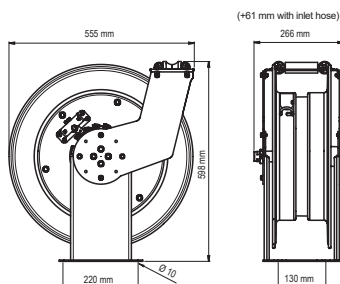


44465

Hose Reels, Open

Series ORL

Heavy duty open hose reel with longer hose lengths for oil and air. All hoses are fitted with swaged couplings.



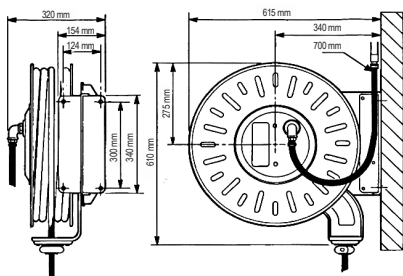
Media	Hose lengths metre	Hose dim. mm-inch	Max. pressure MPa-bar	Part No
Oil/Air/Diesel	20	12,5 - 1/2"	7,5 - 75	25436
Oil/Air/Diesel	15	19 - 3/4"	7,5 - 75	25455
Grease	20	12,5 - 1/2"	24 - 240	15436
Wind screen wash / AdBlue®	15	19 - 3/4"	2 - 20	65455
Oil/Air/Diesel	max. 20	Without hose	7,5 - 75	25406

Inlet thread BSP	Outlet thread BSP
G1/2" (m & f 60°)	G1/2" (m & f 60°)
G3/4" (m & f 60°)	G3/4" (m & f 60°)
G1/2" (m & f 60°)	G1/2" (m & f 60°)
G3/4" (m & f 60°)	G3/4" (m & f 60°)
G1/2" (f) swivel	G1/2" (m) shaft



Series LOR

Open hose reel for oil, grease, air and water. Steel braided, oil resistant rubber hose. Max temperature +50°



Media	Hose lengths metre	Hose dim. mm-inch	Max. pressure MPa-bar	Part No
Oil/ Air	25	12,5 - 1/2"	6 - 60	25537
Oil/ Air	20	19 - 3/4"	6 - 60	25556
Oil/ Air	15	25 - 1"	6 - 60	25565
Grease	25	10 - 3/8"	40 - 400	15527
Hot water, max. 150 °C	25	10 - 3/8"	40 - 400	55527
Hot water, max. 150 °C	25	12,5 - 1/2"	30 - 300	55537
Hot water/Stainless max. 150 °C	25	12,5 - 1/2"	30 - 300	24965
Stainless steel	25	Without swivel and hose		24960
Steel	25	Without swivel and hose		25507

Inlet thread BSP	Outlet thread BSP
G1/2" (f)	G1/2" (f)
G3/4" (f)	G3/4" (f)
G1" (f)	G1" (f)
G3/8" (f)	G3/8" (f)
G3/8" (f)	G3/8" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)

Pivoting wall bracket

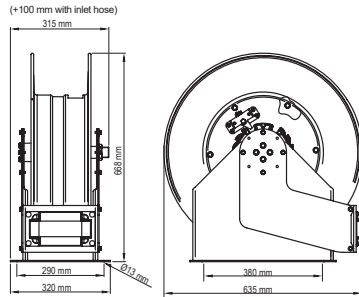
28904

For hose and swivels see www.alentec.com
For hose and swivels see www.alentec.com



Series ORB

Extra Heavy Duty open hose reel with longer hose lengths for oil and air. All hoses are fitted with swaged couplings.



Media	Hose lengths metre	Hose dim. mm-inch	Max. pressure MPa-bar
Oil/Air	30	12,5 - 1/2"	7,5 - 75
Oil/Air	20	19 - 3/4"	7,5 - 75
Oil/Air	25	19 - 3/4"	7,5 - 75
Oil/Air	15	25,4 - 1"	7,5 - 75
Air/Water	15	25,4 - 1"	1,5 - 15
Air/Water	30	12,5 - 1/2"	1,5 - 15
Oil/Air/Water/Diesel	15 or 20	25,4 - 1" or 19-3/4"	
Oil/Air/Water/Diesel	25 or 30	19-3/4" or 12,5-1/2"	

Part No

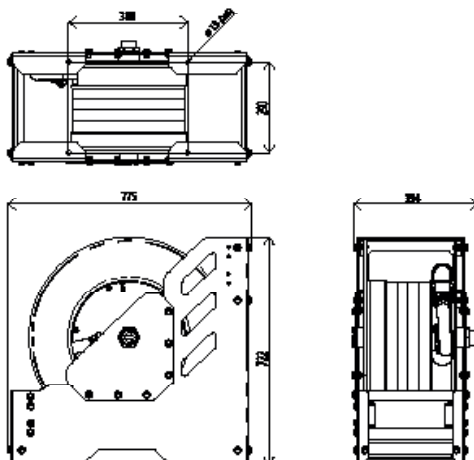


Inlet thread BSP	Outlet thread BSP
25638 G1" (m & f 60°)	G1/2" (m & f 60°)
25656 G3/4" (m & f 60°)	G3/4" (m & f 60°)
25657 G3/4" (m & f 60°)	G3/4" (m & f 60°)
25665 G1" (m & f 60°)	G1" (m & f 60°)
45665 G1" (m & f 60°)	G1" (m & f 60°)
45638 G1/2" (m & f 60°)	G1/2" (m & f 60°)
25606 Without hose	
25608 Without hose	

Series ORH

Extra Heavy Duty open hose reel with longer hose lengths for oil and diesel. All hoses are fitted with swaged couplings.

Media	Hose lengths metre	Hose dim. mm-inch	Max. pressure MPa-bar
Oil/Diesel	15	37,5 - 1 1/2"	2-20

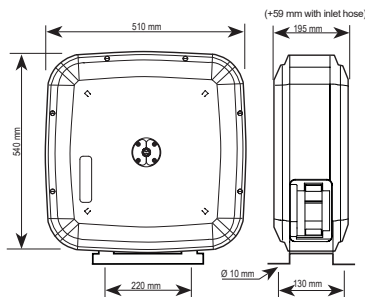


Inlet thread BSP	Outlet thread BSP
25885 G1 1/2" (f)	G1 1/2" (f)

Hose Reels, Enclosed

Series CRO

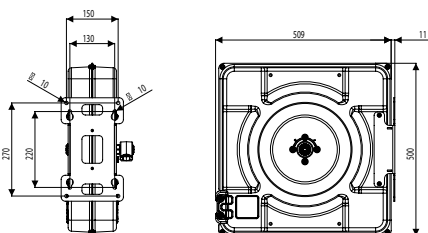
A medium sized enclosed hose reel for different types of media. For example air, water, oil or grease. The hose reel can be mounted on the ceiling, the wall or the floor. The Vacuum hose reel is specially designed for waste oil suction, the hose is fitted with a waste oil nozzle for quick connection of probes.



Media	Hose lengths		Hose dim.		Max. pressure	
	metre		mm	inch	MPa	bar
Air/Water, Rubber-hose	10		10	3/8"	1,5	15
Air/Water, Rubber-hose	15		10	3/8"	1,5	15
Air/Water, Rubber-hose	15		12,5	1/2"	1,5	15
Oil/Air/Water	10		12,5	1/2"	7,5	75
Oil/Air/Water	15		12,5	1/2"	7,5	75
Grease	10		6,35	1/4"	35	350
Grease	15		10	3/8"	35	350
Hot water, max 150 °C	15		10	3/8"	17	170
Wind screen wash/	10		12,5	1/2"	7,5	75
Degreaser	15		12,5	1/2"	7,5	75
Waste oil suction	6		16	5/8"		Vacuum
AdBlue®	10		12,5	1/2"	1,5	15
Various	10		Without hose and swivel			

Series CRK

A medium sized enclosed hose reel for different types of media. For example air, water, oil or grease. The hose reel can be mounted on the ceiling, the wall or the floor. The Vacuum hose reel is specially designed for waste oil suction, the hose is fitted with a waste oil nozzle for quick connection of probes.



Media	Hose lengths		Hose dim.		Max. pressure	
	metre		mm	inch	MPa	bar
Air/Water, Rubber-hose	10		10	3/8"	1,5	15
Air/Water, Rubber-hose	15		10	3/8"	1,5	15
Air/Water, Rubber-hose	15		12,5	1/2"	1,5	15
Oil/Air/Water	10		12,5	1/2"	7,5	75
Oil/Air/Water	15		12,5	1/2"	7,5	75
Grease	10		6,35	1/4"	35	350
Grease	15		10	3/8"	35	350
Hot water, max 150 °C	15		10	3/8"	17	170
Wind screen wash/	10		12,5	1/2"	7,5	75
Degreaser	15		12,5	1/2"	7,5	75
Waste oil suction	6		16	5/8"		Vacuum
AdBlue®	10		12,5	1/2"	1,5	15
AdBlue®	15		12,5	1/2"	1,5	15
Various	10		Without hose and swivel			

Pivoting wall bracket

Part No

46222
46225
46235
26232
26235
16212
16225
56225
66232
66235
36241
76232
26205



28913

Inlet thread	Outlet thread
BSP	BSP
G1/2" (m)	G3/8" (m)
G1/2" (m)	G3/8" (m)
G1/2" (m)	G1/2" (m)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/4" (f)	G1/4" (m)
G3/8" (f)	G1/4" (m)
G3/8" (f)	G3/8" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)



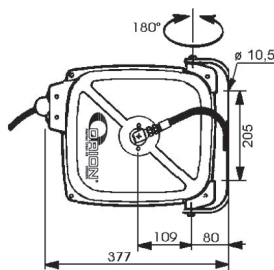
Inlet thread	Outlet thread
BSP	BSP
G1/2" (m)	G3/8" (m)
G1/2" (m)	G3/8" (m)
G1/2" (m)	G1/2" (m)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/4" (f)	G1/4" (m)
G3/8" (f)	G1/4" (m)
G3/8" (f)	G3/8" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)
G1/2" (f)	G1/2" (f)

28913

Hose Reel Enclosed & Electric, Accessories

Series CRS

Enclosed hose reel for air and water, complete with pivoting wall bracket. Hoses have swaged couplings.



Media	Hose lengths metre	Hose dim. mm-inch	Max. pressure MPa-bar
Air/Water	12	8 - 5/16"	2 - 20
Air/Water	15	8 - 5/16"	2 - 20
Air/Water	10	10 - 3/8"	2 - 20
Air/Water	12	10 - 3/8"	2 - 20

Part No

46314
46315
46322
46324

Inlet thread BSP	Outlet thread BSP
G3/8" (m) hose 8-5/16"	G1/4" (m) G1/4" (m)
G3/8" (m) hose 8-5/16"	G3/8" (m) G3/8" (m)



Electric Cable Reels

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

Media	Cable lengths metre	Cable	Power Volt	Max capacity Watts
Electric cable	6	HO5VV - F 3 x 1,5 mm2	230	2.000
Electric cable	10	HO5VV - F 3 x 1,5 mm2	230	2.000
Electric cable	15	HO5VV - F 3 x 1,5 mm2	230	2.000
Electric cable	20	HO5VV - F 3 x 2,5 mm2	230	3.500
Electric cable	20	H07RN - F 5 x 1,5 mm2	400	3.000
LAN cable	15	LAN		

53611
53621
53631
53641
53640
53650

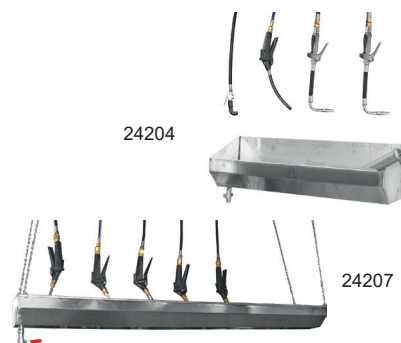


Drip Pan

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

Description	Length
Drip pan, wall hanged	700 mm
Drip pan, wall hanged	1.000 mm
Drip pan, wall hanged	1.250 mm
Drip pan, wall hanged	1.500 mm
Drip pan, ceiling mounted with four 2 metre chains.	1.250 mm

24203
24204
24205
24206
24207



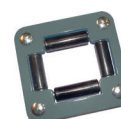
Hose Outlet Roller guide

Additional hose outlet roller guide, used when mounting a hose reel in a cabinet. Max. hose dimension Ø 25 mm

Description	Dimension
Hose Outlet	110 x 110 mm

2145998

2145998



Hose Reel, Accessories

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 ORK, ORM, ORS, ORL, CRK and CRO reels.

Description	L x W x H (mm)
For up to two reels	550 x 310 x 60
For up to three reels	825 x 310 x 60
For up to five reels	1.375 x 310 x 60

Part No

92182
92183
92185



Support Post for Hose Reels

To mount one or two reels (side by side). Easy to assemble. Pre-drilled holes.

Description	For reels
Support Post, (H 2.400 x 400 x 320 mm) (side by side)	ORK, ORM, ORS, CRK, CRO

92170



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 ORK, ORM, ORS, ORL, CRK and CRO reels. The stand is delivered complete as per picture. Dimensions H x W x D 2.400 x 1.300 x 310 mm

Description	H	W	D
For three hose reels	2.220	1.200	400 mm
For five hose reels	2.220	1.750	400 mm

92173
92175

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 ORK, ORM, ORS, ORL, CRK and CRO reels.

Dimensions (H x W x D) 2.600 x 1.543 x 760 mm
For reels ORK, ORM, ORS and CRK.

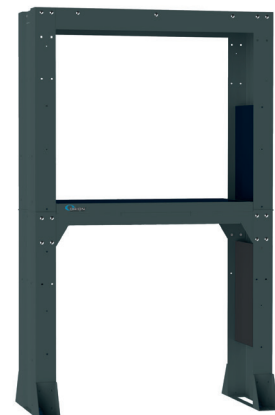
92190

Dimensions (H x W x D) 2.600 x 1.972 x 760 mm
For reels ORK, ORM, ORS, ORL, CRK and CRO.

92192

Bracket for exhaust reel
Bracket for two extra hose reels
Height extension kit (makes the stand 500 mm higher)

92194
92195
92193



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.

Description

Service tower, without hose reel mounting rack
 Dimensions (H x W x D) 3.000 x 2.150 x 500 mm

Service tower, with hose reel mounting rack for 3 reels
 Dimensions (H x W x D) 3.000 x 2.150 x 825 mm

Service tower, with hose reel mounting rack for 5 reels
 Dimensions (H x W x D) 3.000 x 2.150 x 1.375 mm

Part No

92176

92177

92178



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.

Description

Service tower, for one exhaust reel
 Dimensions (H x W x D) 3.580 x 2.350 x 1.650 mm

Service tower, for two exhaust reels
 Dimensions (H x W x D) 3.580 x 3.000 x 1.650 mm

Concrete fastener (floor bracket), Zinc plated (850 x 850 mm)

92165

92169

92124



Notes:

A large rectangular area with rounded corners, containing numerous horizontal dotted lines for writing notes.



9 Hose End Control

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Grease Control Valves

Grease Control Valve

Control valve with outlet tube and nozzle, connection thread G1/4" (f), PN 50 MPa (500 bar), weight 550 gr.

Description	Conn. thread	Max pressure
Grease control valve	G1/4" (f)	50 MPa (500 bar)
Grease control valve w. Z-swivel	G1/4" (f)	50 MPa (500 bar)

Part No

14612



14612
14615

14615



Grease Control Valve Component Kit

Comprises a grease gun (14612) with inlet adapter (G1/4"), Z-swivel and 450 mm flexible outlet hose.

Note! Adapter 25102032 is required when 3/8" hose reel is used.

99600

99600



25102032

Grease Control Valve - High Pressure

Pressure can be increased to 80 MPa (800 bar) by pumping the handle. Inlet filter and release valve included.

Description	Conn. thread	Max connection pressure
Grease control valve	G1/4" (m)	50 MP (500 bar)
With inlet filter and relief valve.		

NOTE! Do not use with outlet hose.

14625



Grease Control Valve - High Pressure

Pressure can be increased to 80 MPa (800 bar) by pumping the handle.

Description	Conn. thread	Max connection pressure
Grease control valve	G1/4" (f)	50 MP (500 bar)

NOTE! Do not use with outlet hose.

14626



Grease Control Valves with Digital Meter

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.

Max working pressure 50 MPa (500 bar)
 Max flow 1.000 gr/min. Accuracy +/- 2 %.

Description	Connection thread	Max working pressure
Meter with control valve	G1/4"(f)	50 MPa (500 bar)
Inline meter	G1/8"(f)	50 MPa (500 bar)
Line meter with pulse transmitter output.	G1/8"(f)	50 MPa (500 bar)

Part No

14720
14710
14730

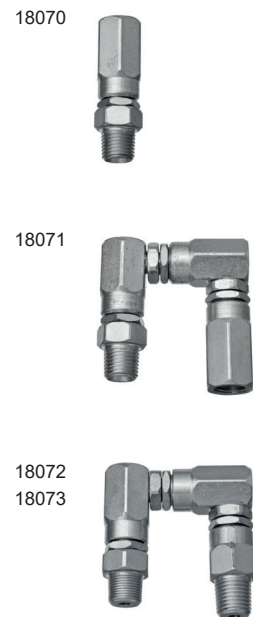


Swivels for Grease

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.

Description	Connection threads	Max. pressure
Straight swivel	G1/4" (m) - G1/4" (f)	50 MPa (500 bar)
Z-swivel	G1/4" (m) - G1/4" (f)	50 MPa (500 bar)
Z-swivel	1/4 "NPT (m) - 1/2" - 27. (m)	50 MPa (500 bar)
Z-swivel	G1/8" (m) - G1/4" (f)	50 MPa (500 bar)
Adapter	G 3/8" (m) - G1/4" (m)	50 MPa (500 bar)
Adapter (0105-2)	G1/8" (f - f)	50 MPa (500 bar)
Adapter	G1/4" (m) - 3/8" NPTF (m)	50 MPa (500 bar)

18070
18071
18072
18073
25102032
25101915
25102737



Outlet Hoses for Grease Control Valves

High pressure hose, 3/16" i.d., Nitrile rubber with one Nylon braid, PN 50 MPa (500 bar) and swaged couplings.

Description	Hose length	Conn. thread
Outlet hose	200 mm	G1/8" (m-m)
Outlet hose	300 mm	G1/8" (m-m)
Outlet hose	450 mm	G1/8" (m-m)
Outlet hose	1000 mm	G1/8" (m-m)
Outlet hose	2500 mm	G1/8" (m-m)

14042
14043
14044
14047
14052



Water and Antifreeze Control Valves

Water Control Valve

Water control valve, various connection options using adapters.

Description

Water control valve with rubber nozzle. G1/4" (f)
 Water control valve with rubber nozzle. G3/8" (f)
 Water control valve with rubber nozzle. G1/2" (f)

Water control valve. G1/4" (f)
 Water control valve. G3/8" (f)
 Water control valve. G1/2" (f)

Part No

24105
 2410564
 2410561

24106
 2410664
 2410661

24105



24106



Control Valve for Water Based Fluids

Water control valve with special flexible rubber outlet to prevent foaming.

Description

Water control valve with swivel G1/2" (m)
 Water control valve with swivel G1/2" (f)
 Water control valve with swivel G3/8" (f)

2468060
 2468061
 2468064



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).

Description

Water control valve with meter 24140 and swivel G1/2" (m)
 Water control valve with meter 24140 and swivel G1/2" (f)

Water control valve with meter 24773 and stainless steel swivel G1/2" (m)

Description

PVC Inline meter G1/2" (f)
 Stainless Steel Inline meter G1/2" (f)

Max pressure

3 MPa (30 bar)
 10 MPa (100 bar)

24144
 24143

24145

24773
 24777

24144



24773



24777



Wash Handle

Heavy duty wash control gun made of rubber covered die-cast brass.

Flow pattern regulated by the trigger.

Max pressure 3 MPa (30 bar). Connection thread G1/2" (f).

Description

Wash control gun G1/2" (f)
 Wash control gun G3/8" (f)

28182
 2818264



Wash Handle

Straight form wash nozzle with on/off and flow pattern regulated by turning the sleeve. Supplied with 1/2" hose connection.

Description

Wash nozzle with 1/2" hose bore in brass
 Wash nozzle with 1/2" hose bore in brass
 Bare hose adapter with hose bore 3/4" for 28368
 Wash nozzle with G1/2" (f) connection in stainless steel

Max pressure

10 bar
 16 bar
 16 bar

28268
 28368
 38220812
 28369

28268



28368



28369



Detergent and Air Control Valves

Wash Handle

Heavy duty wash handle made of die-cast brass with rubber covered handle. Supplied with two nozzles, 2 and 4 mm jet holes. Flow pattern adjustable with control knob.
Max pressure 3 MPa (30 bar).

Description

Wash handle for 1/2" hose connection in brass
Wash handle for 3/4" hose connection in brass

Part No

16004
16006



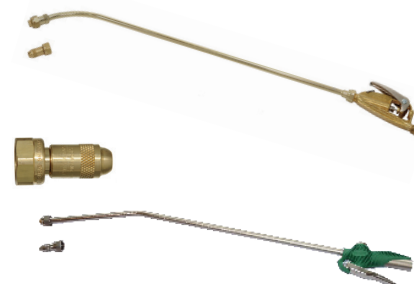
Spray Handle with Spray Tube

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.
Connection thread. G 3/8" (m).

Description

Spray handle with spray tube
Spare adjustable nozzle
Spray handle with spray tube (Nickel plated brass)

24029
550012
24108



Spray Handle with Spray Tube

Designed for use with detergents. Consists of a thermoplastic valve body with an brass outlet tube. Two different spray nozzles for water- and petroleum based detergents.
Connection G1/2" (f).

Description

Spray handle with spray tube
Spray handle with spray tube
Spare adjustable nozzle

Outlet tube

500 mm
915 mm

24098
24099
550012



High Pressure Swivel in Brass

Designed for use with detergents. Connection G3/8" (f-m).
Max pressure 25 MPa (250 bar).

Description

High pressure swivel

24518



Blow Gun

Blow gun for efficient cleaning, made of impact resistant plastic with ergonomically designed handle.
Tube length approx. 100 mm. Connection thread, G1/4" (f)

Description

Blow Gun

Connection thread.
G1/4" (f)

Weight (approx.)
100 g

44503



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.

Description

Industrial Blow gun

Conn. Thread
G1/4" (f)

Weight (approx.)
200 g

44504



Diesel & AdBlue® Control Valves

Diesel Nozzles

Description	Max.flow	Inlet
Automatic Nozzle	45 l/min	G1"(f)
Automatic Nozzle	80 l/min	G1"(f)
Manual Nozzle	100 l/min	G1" (f) with swivel

Part No

23605

23608

23606

23605



23606



AdBlue® Nozzles

Description	Max.flow	Inlet
Automatic Nozzle (Magnetic ring for opening the valve is not required)	45 l/min.	Ø 19 mm with swivel
Manual Nozzle	80 l/min.	G1" (f) with swivel
Manual Nozzle	40 l/min.	G1/2" (f) with swivel
Automatic Nozzle	45 l/min.	Ø 19 mm with swivel
Automatic Nozzle	10 l/min.	G1" (f) with swivel
Automatic Nozzle	15 l/min.	Ø 19 mm with swivel

23577

23580

2468070

75200

75201

75202

23577

75201



75200

23580



75202

2468070



AdBlue® Hose End Meter

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

Description	Max.flow	Connection	Max pressure
Hose End Meter	50 l/min.	G1/2" (m)	3 MPa
Hose End Meter with overfilling indication	50 l/min.	G1/2" (m)	3 MPa

24145

24146

24146



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 electronics is powered by two batteries for easy changing.

Technical information

Accuracy: +/- 1%. Can be calibrated

Description	Max.flow	Connection	Max pressure
Turbine meter	120 l/min.	G1" (m) (f-f adapter incl.)	1 MPa
PVC meter	50 l/min.	G1/2" (f)	3 MPa
Stainless steel meter	50 l/min.	G1/2" (f)	10 MPa

24759

24773

24777

24759



24773



Oil & Glycol Control Valves

Oil Control Valve

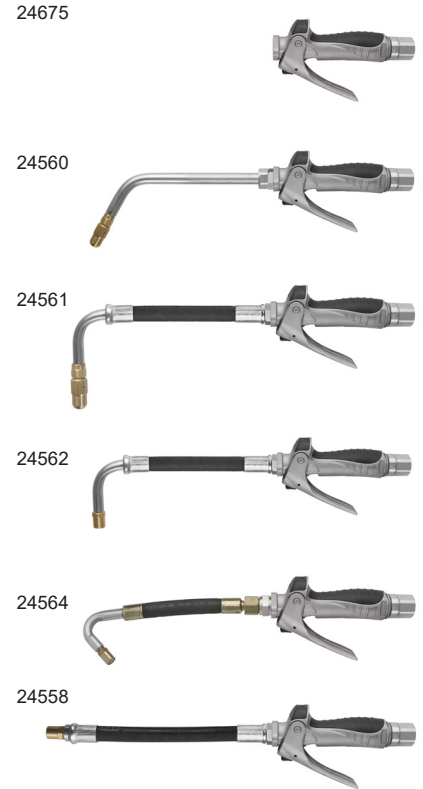
Control valve made in aluminium with large flow capacity. Max pressure: 10,5 Mpa (105 bar). Swivel included. Inlet G1/2" (f). Can be locked in open position.

Description

- Oil Control Valve without outlet tube
- Oil Control Valve with 60° rigid tube and lockable non-drip nozzle
- Oil Control Valve with 90° hose and lockable non-drip nozzle
- Oil Control Valve with 90° hose tube and automatic non-drip nozzle
- Oil Control Valve with 135° hose tube and automatic non-drip nozzle
- Oil Control Valve with straight hose and automatic non-drip nozzle

Part No

- 24675
- 24675
- 24560
- 24561
- 24562
- 24564
- 24558



Outlet hoses and accessories for above Oil control valve

Description

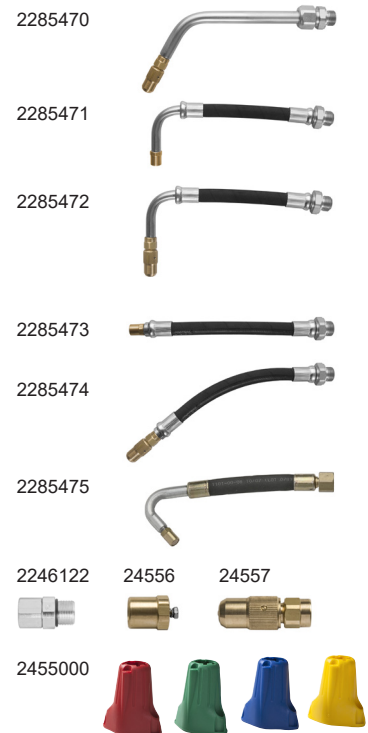
- Rigid outlet 60° with lockable non-drip nozzle
- Hose outlet 90° with automatic non-drip nozzle
- Hose outlet 90° with lockable non-drip nozzle
- Hose outlet straight with automatic non-drip nozzle
- Hose outlet straight formable with lockable non-drip nozzle
- Hose outlet 135° with automatic non-drip nozzle

Inlet swivel G1/2"(f)

- Automatic non-drip nozzle, connection G1/4"(f)
- Lockable non-drip nozzle, connection G1/4"(f)

Set of four color coded protectors

- 2285470
- 2285471
- 2285472
- 2285473
- 2285474
- 2285475
- 2246122
- 24556
- 24557
- 2455000



Control Valves for Oil, Water, Windscreen Liquids, etc.

Control Valve

A range of valves with ergonomically designed handgrip of glass filled polyamide. Available in several combinations or as individual parts. Max. working pressure 5 MPa (50 bar).

Description

Control valve without accessories

Latch Kit

The latch kit is intended to be used for example when it is desired to make large fluid dispenses without manually holding the valve open. The kit contains three different latches. Latch 1 is used to lock the valve in both open and closed positions. Latch 2 is used to lock in the open position. Latch 3 is used to lock the valve in the closed position.

Control Valve

Control valve made of glass filled polyamide with an inlet strainer which minimizes the contamination risk. Max working pressure 5 MPa (50 bar), inlet G1/2" (m) or G1/2" (f).

Description

Control Valve Rigid outlet (24170), non drip nozzle (24527) and swivel (24586) G1/2" (m)

Control Valve Rigid outlet (24170), non drip nozzle (24527) and swivel (24585) G1/2" (f)

Control Valve Hose outlet (2285346), non drip nozzle (24527) and swivel (24586) G1/2" (m)

Control Valve Hose outlet (2285346), non drip nozzle (24527) and swivel (24585) G1/2" (f)

Control Valve high-flow

High-flow control gun is designed for applications where fast delivery matters. From repair shops to car dealerships, truck, fleet and off-road maintenance facilities. Manufactured in aluminum.

Max flow	Max. pressure	Inlet	Outlet
70 l/min.	7 MPa (70 bar)	G3/4" (f)	Ridgid tube, 60°
70 l/min.	7 MPa (70 bar)	G3/4" (f)	Hose

Digital Hose End Meter high-flow

Max flow	Max. pressure	Inlet	Outlet
70 l/min.	7 MPa (70 bar)	G3/4" (f)	Ridgid tube, 60°
70 l/min.	7 MPa (70 bar)	G3/4" (f)	Hose

Part No

24680

24680



24679

24679



2468010

2468010



2468050

2468011

2468050



2468051

24567

24567



24568

24756

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.

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

Connections:	Inlet: G1/2"(f) Outlet: G1/2"(f)
Flow range:	2-20 l/min
Working pressure:	100 bar (1450 psi)
Temperature range:	-10 °C to 60 °C
Fluid compability:	Low to high viscosity lubricants (50-50000 cSt), ATF and Antifreeze.

Description:

Mechanical Hose End Meter with straight outlet hose and automatic non-drip nozzle

Mechanical Hose End Meter with formable outlet hose and lockable manual non-drip nozzle

Part No

24792



24793



24792

24793

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 0-10L

Technical Data

Connections:	Inlet: G1/2"(f) Outlet: G1/2"(f)
Flow range:	2-30 l/min
Working pressure:	100 bar (1450 psi)
Temperature range:	-10 °C to 60 °C
Fluid compability:	Low to high viscosity lubricants (50-50000 cSt),

24797



24797

Pre-set Digital Hose end meter

Very robust digital hose end meter. Complete with swivel, inlet filter, battery, automatic non-drip nozzle and moldable outlet hose.

Technical data

Connections:	G1 / 2 "(f)
Max flow:	1-30 liters / min.
Working pressure:	50 bar / 725psi)
Temperature range:	-5 ° C to +50 ° C
Fluid compability:	Oil
Accuracy:	± 0.5%
Batteries:	4xAA 1.5V alkaline

24123



24123

Hose End Meters

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

Technical Data

Connections:	G1/2" (f)
Weight:	1,1 kg
Flow range:	1 - 20 l/min
Working pressure:	0,5 - 70 bar
Temperature range:	0 °C to + 55 °C
Accuracy:	< $\pm 0,5\%$ (after calibration)
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

Description:

Hose end meter	including swivel, valve handle and inlet strainer
Hose end meter	including swivel, valve handle, inlet strainer, outlet hose 90° and automatic non-drip nozzle
Hose end meter	including swivel, valve handle, inlet strainer, outlet hose 90° and lockable manual non-drip nozzle
Hose end meter	including swivel, valve handle, inlet strainer, outlet tube 60° and lockable manual non-drip nozzle
Hose end meter	including swivel, valve handle, inlet strainer, outlet hose 135° and automatic non-drip nozzle
Hose end meter	including swivel, valve handle, inlet strainer, formable outlet hose and automatic non-drip nozzle

Part No

24788



24785



24113



24788

24785

24113

24114

24116

24117

24114



Outlet hoses and accessories for above Oil control valve

Description

- Rigid outlet 60° with lockable non-drip nozzle
- Hose outlet 90° with automatic non-drip nozzle
- Hose outlet 90° with lockable non-drip nozzle
- Hose outlet straight with automatic non-drip nozzle
- Hose outlet straight formable with lockable non-drip nozzle
- Hose outlet 135° with automatic non-drip nozzle

Inlet swivel G1/2"(f)

Automatic non-drip nozzle, connection G1/4"(f)

Lockable non-drip nozzle, connection G1/4"(f)

1,5 V battery (alkaline), type LR03/AAA

Set of four color coded protectors

2285470



2285471



2285472



2285473



2285474



2285475



2246122



24556



24557



2346077



2285475



2246122



24556



24557



2455000



Accessories for Hose End Control Valves

Outlet Hoses and accessories for 24700, 24702 and 24680

Outlet hoses, connection threads G1/2" - M12x1

Description:

- Outlet hose, straight
- Outlet hose, straight for Lockable Non-drip Nozzles
- Outlet hose 90°
- Outlet hose 135°
- Outlet hose, flexible
- Rigid outlet, steel tube
- Water hose
- Adapter for use together with oil control valve 24680, to connect outlets

Non-drip Nozzles, connection thread M12x1

Description:

- Fully automatic opening and closing
- Semi-automatic, opened by fluid pressure, manually closed
- Lockable, opened and closed manually by 90° turn
- Lockable, with straight outlet pipe, opened and closed manually by 90° turn
- Lockable, with bent outlet pipe 135°, opened and closed manually by 90° turn

Diameter

- Ø 14 mm
- Ø 16 mm
- Ø 18 mm
- Ø 8 mm
- Ø 8 mm

Note! For lockable nozzles use only 24170 or 2285441 outlets!

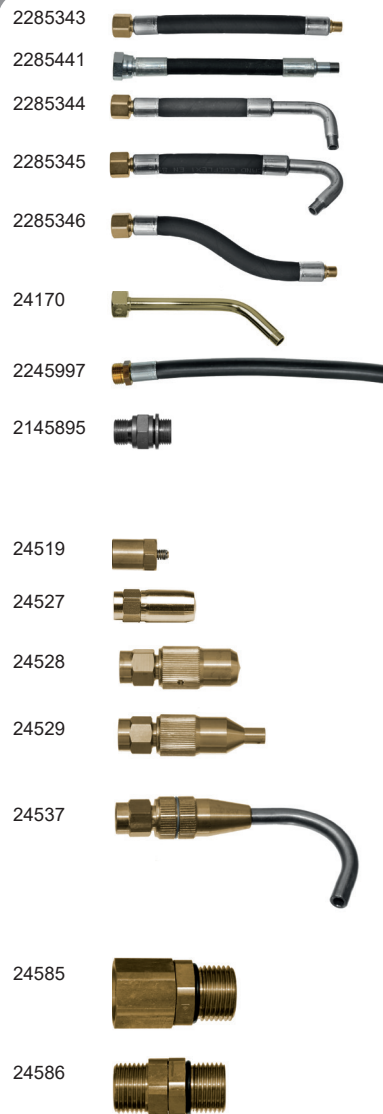
Swivels in brass

Description:

- Swivel G1/2" (m) - G1/2" (f)
- Swivel G1/2" (m), 60° cone - G1/2" (m)
- Swivel Stainless Steel G1/2" (m), 60° cone - G1/2" (m)

Part No

- 2285343
- 2285441
- 2285344
- 2285345
- 2285346
- 24170
- 2245997
- 2145895
- 24519
- 24527
- 24528
- 24529
- 24537
- 24585
- 24586
- 24621



Battery

Description:

- 9 V battery (alkaline), type 6LR61 9 V
 - 1,5 V battery (alkaline), type LR03/AAA
- For digital meters:
24700, 24702, 24710, 24712
- For digital meters:
24785, 24795

- 2245634
- 2346077



Drip Holsters

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

Description:

- Drip holster, Standard
- Drip holster. with removable collector tray
- Drip holster. with removable collector tray
- Drip holster for drums

- 29090
- 29086
- 29096
- 29055



Line Meters

Line Meters

Functions:

- For oil and glycol (24764 also for Diesel)
- 5 digit display
- Resettable trip meter
- Non resettable totaliser
- Easy calibration (accuracy 0,5%)
- Simple battery change

Technical Data

Working pressure:	0,5 - 70 bar (8-1.000 psi)
Temperature range:	-10 °C to + 60 °C
Accuracy:	< 0,5% (after calibration)
Battery:	2 x LR03 / AAA Alkaline

Description	Connections	Flow rate	Work Pres. Max	Part No
Line meter	G1/2" (f)	1 - 20 l/min.	7 MPa (70 bar)	24795
Line meter	G3/4" (f)	1 - 80 l/min.	7 MPa (70 bar)	24763
Line meter	G1/2" (f)	1 - 20 l/min.	7 MPa (70 bar)	24762
Line meter	G1" (f)	1 - 100 l/min.	3 MPa (30 bar)	24764

24795



24763



24762



24764



Line Meter, Mechanical

Functions:

- Resettable trip meter
- Non resettable totaliser
- Accuracy $\pm 0,65\%$

Description	Connections	Part No
Line meter for Oil	G1/2" (f) (Outlet turned 90°)	24778
Line meter for Glycol	G1/2" (f) (Outlet turned 90°)	24779

Technical Data

Working pressure Max:	100 bar (1.450 psi)
Temperature range:	-10 °C to + 60 °C

24778



Pulse Meter for Oil, Glycol & Diesel

Line meter with pulse transmitter output. Only for connection to monitoring systems (Orilink). Equipped with connection terminal and reel open indication light. This meter does not have a display or function buttons.

Description	Connections	Flow rate	Work Pres. Max	Part No
Pulse meter, 328 pulses/l pulse transmitter output	G1/2" (f)	1 - 30 l/min.	6 MPa (60 bar)	24736
Pulse meter, 109 pulses/l pulse transmitter output	G3/4" (f)	8 - 80 l/min.	6 MPa (60 bar)	24766

Technical Data

Material:	Measuring chamber:: Aluminium
	Measure wheel: Vectra®
Accuracy:	$\pm 0,5\%$
Temperature range:	-10 °C till + 60 °C

24736



Stainless Steel Pulse Meter for Windscreen Fluids & AdBlue®

Line meter with 328 pulses/l and 312 pulses/l output for oil and water based fluids (windscreen wash and detergents mixed with water). Only suitable for connection to monitoring systems. This meter does not have a display or function buttons.

Description

Stainless steel pulse meter
328 pulses/l pulse transmitter output
PVC pulse meter
312 pulses/l pulse transmitter output

Work Pres. Max

6 MPa (60 bar)

3 MPa (30 bar)

Part No

24776

24772

Technical Data

Material:	Packings:	Viton
Connection thread:	Inlet:	G1/2 (f)
	Outlet:	G1/2 (f)
Flow:		1 - 50 l/min.
Accuracy:		±0,5% (after calibration)
Temperature range:		-10 °C to + 60 °C

24776

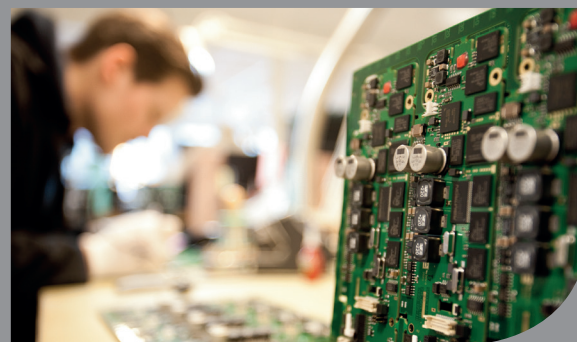


24772



Notes:

A large rectangular area with rounded corners, containing numerous horizontal dotted lines for writing notes.

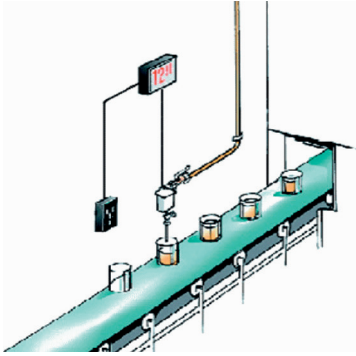


10 Monitoring

Dosing Equipment	120
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OriLink®	122
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Solenoid Valves	126
Protection Kits	127



Dosing Equipment, Industry and Automotive



Industry, Description Part No 23455

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.



Automotive, Description Part No 23457

A high performance wall mounted pre-set dispense unit 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.

Technical specification

Power supply	Industrial, 110-230 VAC 50/60Hz, Automotive Common mains adapter, 110-230 VAC 50/60Hz
Solenoid valve output	24 V DC max. 1 A
Solenoid short-circuit	Yes ,protection
PPU	1-6553
Calibration	From buttons (or from OriLink® keypad or Neighbourhood)
Pre-set adjust	From buttons (or from OriLink® keypad)
Number of pre.sets	16
Number of decimals	0, 1, 2, 3, 4 or AUTO

Industry Part No 23455

Box	Black steel LED box with polystyrene over lay and a rugged sealed aluminium button box .
Buttons	Ni-coated brass, flat design, "vandal proof", IP65
Cable between LED	5 m 7-lead halogen free cable and button box

Automotive Part No 23457

Box	Black steel powder painted with polystyrene overlay. Painted metal.
Buttons	Lacquered metal.

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

OriLink® PC

Basic functions

OriLink®

Max No. Hose Reels	253
Max No. Oil Grades	Unlimited
Max No. Keypads	Unlimited
Max No PIN Codes	Unlimited
Stores Control	YES
Technician Access	YES
Preset Dispense Qty.	YES
Preset Codes	YES
Job No. Validation	YES
PC-connection	YES
ADB integration, see below	YES
Dealer Management System Interface, see below	YES
More than one ticket printer	YES

Printout Data

Date and time of dispense	YES
Reel number identification	YES
Job number (alphanumeric)	YES
Technician Name and number	YES
Unique transaction number	YES
Fluid name and part number	YES
Ordered quantity	YES
Quantity dispensed in l (two decimals)	YES
Re-order Prompt	YES
Total Sales Value	YES
Stock level	YES

Management Data

Oil Usage by Grade	YES
Oil Usage by Operator	YES
Oil Usage by Job No.	YES
Oil Usage by Hose Reel No.	YES
Oil Usage by Transaction No.	YES
Stock Re-order Report	YES
Current Stock Level	YES
Transaction Data Storage/Recall Facility	YES
Waste Oil Control Facility	YES

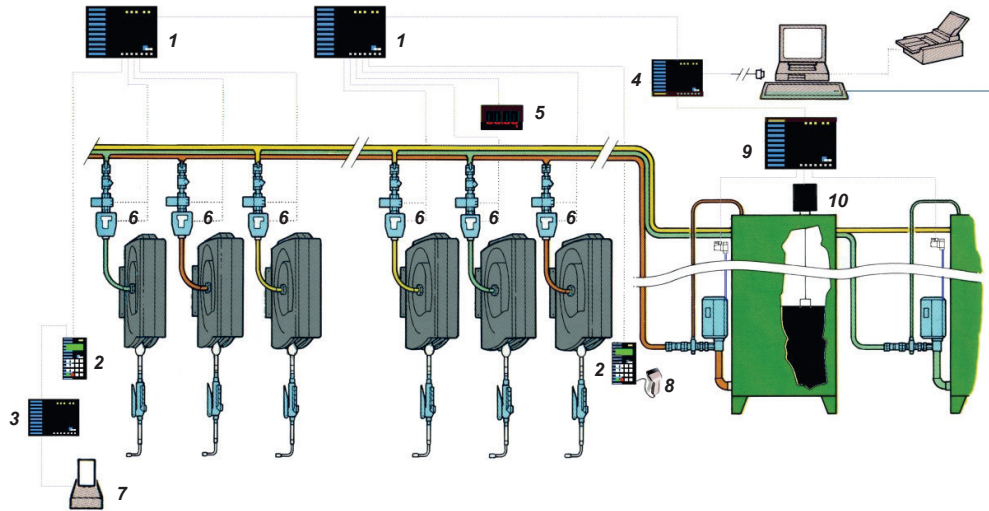
* ADB integrated systems (April 2017)

List of names:

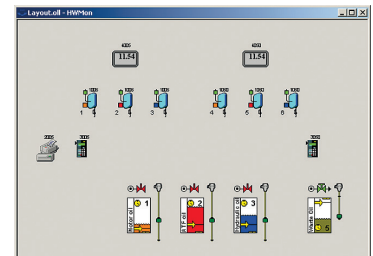
1C, ABS, Acosy, AD2000, ADP-US, Advance, ALNAOIL, Arista, AsaNet, AsWin, ATS32, AUTO2000, AutoDiaz, AUTOLINE, AUTOMAST, AutoMaster - ODBC, Automat, AutoMate, Autostacja3, AUTOTRUCK, AUTOVISI, AutoVision, Axapta, BarIS, BITS, BOFF, BohBros, BONUM, BOS, Bums, BungertP2, Car and You, Caris, CARS, CAY, CDP, COMPLETA, CONCORC5, Concorde XAL, CONCORDX, CONNEX, CosWare, DARTS, DEAS, DHow, DRACAR, Dracar+, Echo, EDS, ElvaDMS, EXCEL, FILAKSP, FilaksPlus, FLCARE, FleetMate, FleetPro, FleXi, Future, GDMS, GDS, GenericExcel, GenericODBC, GenericRest, GenericTEXT, GenericXML, Helios, HondaIndia, HTM, Ibcos, ICar, IDMS, IMPHDL, InCadea, InfoEasy, InfoFlex, InfoLog, iTruck, JyskNav, Kerridge, KfzPilot, Kobra 2, KOBRA2, KOMMA, LAWSONM3, M3, Mahindra, Maruti, MEKOTECH, MerBag, MIF, MNet, MONITOR, MOVEX, Navision, NissanTw, ODBC, Optima21, OpusAllt, Orfala, OrsWin, PorscheQ, PvManager, QAW, Quiter, REYNOLDS, Rimses, Rowil, SAP, SAP-Sil, SAS, SDPS, SDS, Skaita, SmartDMS, SMC, SMC - DB2Connect, SMC - Xml - SOAP, SQL, Stieger, Stolpi, StreamLine, Swecon LawsonM3, Tacdis, TACDIS5, TeraGest, TEXT, TPX, TranMan, TSYSTEM, UNIVERSALAUTO, WASSIST, Vaudis, Wegos, VIBS, WinAssist, WISMA2K, Volmax, WsControlFluidos, Xdms, XML.

Alentec & Orion AB reserves the right to change specifications in this publication without notice.

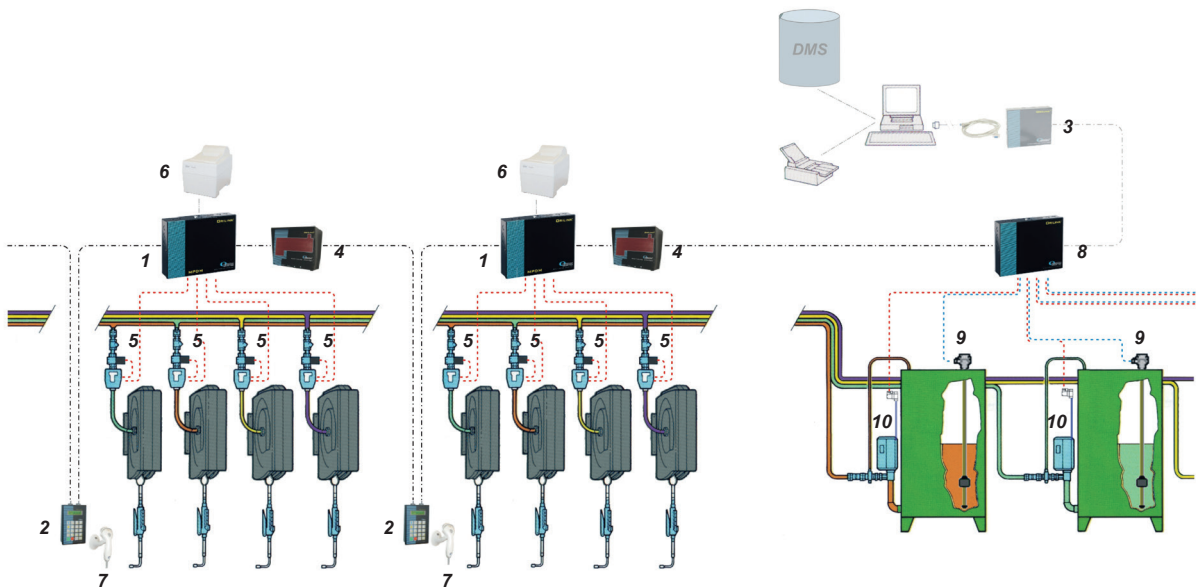
The OriLink® system is an advanced oil management system with no upper limit for number of reels, oilgrades or reels used simultaneously. An overview of the workshop oil system layout is presented as miniatures on the screen where all activities are graphically visible in real time! As all data is stored in the Windows environment comprehensive management reports can be obtained by using the advanced report engine in the system, or by exporting data to a report engine or other computer systems used on site.



Pos	Description	Part.No	Pos	Description	Part.No
1	Main Module (MPDM)	23400	7	Receipt Printer	23354
2	Keypad	23401	8	Bar Code Reader	23407
3	Printer Module	23402	9	Tank Module	23408/23430
4	PC-interface	23403	10	Analogue Level Sensor	23417
5	Digital LED Display	23404	11	Solenoid Valve	48059
6	Flow Meter/Solenoid Valve	SPEC2290	12	Software	23414



Approvable Monitoring System



Pos	Description	Part.No	Pos	Description	Part.No
1	Approvable Main Module (MPDM)	23600	6	Receipt Printer	23354
2	Keypad	23401	7	Bar Code Reader	23407
3	PC-interface	23403	8	Tank Module	23408/23430
4	Digital LED Display	23404	9	Tank Level Sensor	2330287
5	Flow Meter/Solenoid Valve	SPEC2294	10	Solenoid Valve	48059
			11	Software	23614

Approvable Monitoring System

Main 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. Suitable for meter units with flow direction function. 230 V AC power supply required

Part No

23400



Approvable Main 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

23600



Key Pad, 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. Can be equipped with serial port kit (23415) for external reader (23407 or 23409).

Transparent protection cover for the 23401.
Wall bracket for keypad.

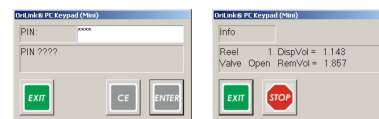
23401
23261
23260



PC-keypad

The PC-keypad makes it possible to start and stop dispensing from a PC by clicking on a dispensing point. Also works with touch screen and OCP 1.xx connections.

23431



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.

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.

23403



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.

23404



Can be used as tank level display together with 23408 or 23430.

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.

23408

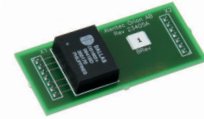


See also 23430 on page 127!

OriLink®

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.

23407


Card Reader

For both bar code and magnetic strip. Can read all the three tracks on the magnetic strips according to the ISO-standard. Cable and net adapter (230 V AC) are included.

23409

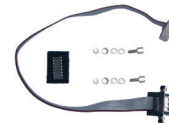

Dallas Key Reader

By equipping an OriLink® keypad with this kit it is possible to read the laser cut unique serial number of Dallas keys/Buttons. It requires the Flash chip in a keypad an updated keypad software.

23419


Serial Port Kit

To connect the Bar Code or the Card readers to the Keypad (23401).

23415


Professional Program

PC database with report functions. Must be installed when the system is to be connected to an ADB system or when several printers are used.

23414


Ticket Printer

Parallel printer SP700. Delivered complete with cables, paper and ribbon, ready for connection to the system. (230 V AC)

Description

Ticket printer, parallel

Spare ink ribbon for 23354 (SP700)

Spare ticket roll for 23354 (SP200, SP700)

Spare ink ribbon for 23354 (SP200)

23354
23377
23334
23335


Communication Cable

Two twisted pairs, each pair shielded 4-core 0,36 mm². Use between 23400 - 23408, 23430 and 23600.

Description

Communication cable, 50m

Communication cable, 100m

23411M50
23411M100


Control Cable

Use between MPDM and meter/solenoid valve.

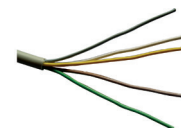
Description

Control cable 4-core 0,5 mm², 25m

Control cable 4-core 0,5 mm², 50m

Control cable 4-core 0,5 mm², 100m

Control cable 5-core 0,5 mm²

23393M25
23393M50
23393M100
23412


EX cable

Between level switch and safety relay (23187) 4-core 0,5 mm²

23164

Line Meter Kit for Oil, Glycol

Line Meters with solenoid valves. Indicates open valve. Strainer part no 28022 included in SPEC2290.

Description	Max. Pressure Pulses	Conn. thread	Positions Included
Meter for oil 24736 and solenoid valve 28127	5 MPa (50 bar) 328 pulses/l	G1/2" (m)	1-6
Meter for oil 24736 and solenoid valve 28127	5 MPa (50 bar) 328 pulses/l	G1/2" (m)	5-6 w/o strainer
Approvable meter and solenoid valve 28306	5 MPa (50 bar) 328 pulses/l	G1/2" (m)	1-6
Meter for oil 24766 and solenoid valve 28306	2,5 MPa (25 bar) 36 pulses/l	G3/4" (m)	1-6

Part No

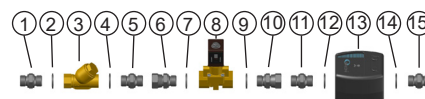
SPEC2290

23355

SPEC2294

SPEC2293

SPEC2290



SPEC2293



Line Meter kit for Windscreen Wash, Detergents and AdBlue®

Line Meter with solenoid valve. Indicates open valve.

Description	Max. Pressure Pulses	Conn. thread	Material
Meter incl. Solenoid valve 28306	5 Mpa (50 bar) 328 pulses/l	G1/2" (m)	Stainless Steel
AdBlue® meter incl. solenoid valve	1 Mpa (10 bar) 328 pulses/l	G1/2" (m)	Stainless Steel

SPEC7291

SPEC7293

SPEC7291



SPEC7293



Line Meter Kit for Diesel

Line Meter (24766) with solenoid valve (28308).
Strainer, part no 28059 included.

Description	Max. Pressure Pulses	Conn. thread	Packings
Meter for diesel incl. 24766 solenoid valve 28308 ingår	1,0 Mpa (10 bar) 36 pulses/l	G3/4" (m)	Viton

SPEC2292



Meter Kit for Grease

Meter kit with solenoid valve.

Description	Max. Pressure Pulses	Conn. thread
Meter for grease incl. solenoid valve	30 Mpa (300 bar) 1.450 pulses/l	G1/4" (f)

SPEC1290



Monitoring Equipment

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, 9 V operated, no mains wiring required. Can be connected to remote visual alarm.

Description

Tank Level Alarm incl tank level sensor
 Tank Level Sensor, 5 metre cable included

Part No

23449
2330287



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.

Description	Pressure range	Conn. thread	Diameter
Gauge with pressure switch, for grease	0 - 60 MPa (0 - 600 bar, 8.700 psi)	G1/2" (m)	Ø 100 mm

23072



Solenoid valves for Air

For the control of oil and waste oil pumps.

Description	Conn. thread
Solenoid 230 V AC	G 1/4" (f)
Silencer for 48008	G 1/4" (f)
Solenoid 24 V DC	G 1/4" (f)
Solenoid 24 V DC	G 1/2" (f)
Solenoid 24 V DC	G 3/4" (f)
Solenoid 24 V AC/DC Ex.G 1/2" (f)	G 1/2" (f)
<i>Atex Solenoid coil 24 V AC/DC suits 48059, 28306 and 28338</i>	
<i>Solenoid coil 24 V AC suits 28306</i>	

48008
2326260
48059
48081
48082
48080
2385450
4080050

48008



48059



2326260



Solenoid valves for Fluids

For flow control. 24 V DC

Description	Conn.thread	Max Pressure
Special solenoid for high viscosity fluids	G 1/2" (f)	5 MPa (50 bar)
Solenoid for oil, glycol, wind screen fluids	G 1/2" (f)	5 MPa (50 bar)
Solenoid for Grease	G 1/4" (f)	50 MPa (500 bar)
Solenoid for Diesel	G 3/4" (f)	1 MPa (10 bar)
Solenoid for Oil	G 1" (f)	6,0 MPa (60 bar)
Solenoid for AdBlue®	G 1/2" (f)	1 MPa (10 bar)
Direct-acting solenoid Ø1mm	G 1/4" (f)	10 MPa (100 bar)

28127
28306
38013
28308
28304
28327
28333

28127



28306



38013



28308



28304



28333



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.

Description

Supply voltage 230 V AC, 24 V DC solenoid.

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.

23040



Tank Level Switch, 60, 200 l Drums & 1.000 l Containers

Switch on/off when the liquid level is appr. 30 mm from the bottom. 24 V DC 1 A. Fits in the drums 3/4" thread. Max height of container 1.080 mm.

Description

- Level sensor, switch off with low level, for oil.
- Level sensor, switch off with low level, for alcohol and similar. Reversible float.
- 2- Level sensor, switch off with low level and warning 300 mm from bottom, for oil.
- 2- Level sensor, switch off with low level and warning 300 mm from bottom, for alcohol and similar.
- Level sensor for tank, L = 5m, G2" (m)
- 2- Level sensor, hose type L= 2 m

23171
23183
23191
23192
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. Conn. thread G 2" (m)

Description

Description	Alarm level	Stop level
2-Level sensor for waste oil	300 mm	150 mm
2-Level sensor for waste oil	450 mm	300 mm

23132
23154



Safety and Protection

Analogue Level Sensor

Self calibrated against the surrounding air pressure. To be connected to the OriLink Tank module Model 23408 or control panel 23430.

Description

4-20 mA level sensor for tanks up to 4 m height
4-20 mA level sensor for drums and IBC containers

Part No

23417
23435



Safety Relay

This ATEX classified relay is to be installed outside of inflammable places. It is connected between the sensor in the inflammable place and the control panel. To be used in connection with sensors for waste oil or windscreen fluids. (230 V AC)

Description

Relay for 1 level switch (Eg 23132/23192) or 2 level switches (Eg 23183/23171)
Relay for 2 analogue level sensors (Eg 23417)

23187
23188



Relay Box

To be used when more that two solenoids is used for waste oil. (24 V DC), max 5A

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.

Description

Overflow protector for oil tank
Overflow protector, stainless steel for eg AdBlue®

23163
23168



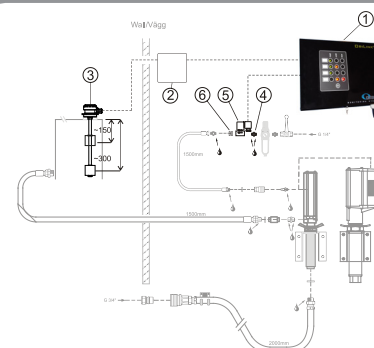
Two Stage Alarm Equipment for Waste Oil

The equipment is EX-classified in accordance with waste oil handling regulations. The box can handle 6 different solenoid valves (24 V DC).

1	Control panel	23430
2	Ex ia Barrier	23187
3	Level switch	23132
5	Solenoid valve	48059

Part No

SPEC8042

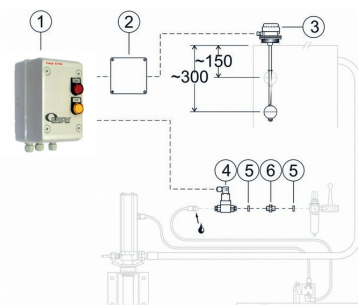


Two Stage Alarm Equipment for Waste Oil

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

SPEC8043

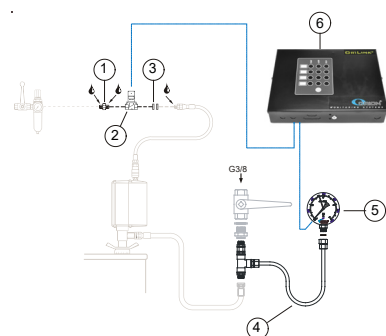


Pump Protection Kit for Grease Pumps

Used to prevent air from entering the pump tube and dry running the pump when the drum is empty.
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	Control panel	23430
	Button (23043) manual start after dry pumping	

SPEC8110



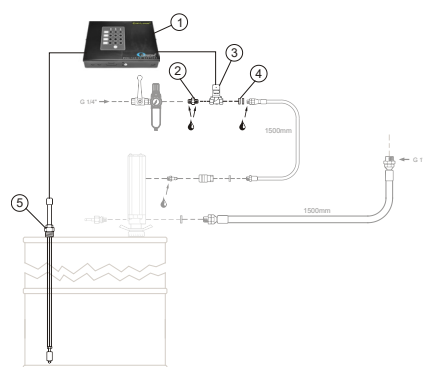
Pump Protection Kit, Oil and Liquid Pumps

Used to prevent air from entering the pump tube and dry running the pump when the drum is empty.
Level sensor made of plastic, resistant to fluids commonly supplied in 205 l drums.

Equipment delivered unassembled in a kit consisting of the following:

1	Control panel	23430
3	Solenoid valve, 24V DC	48059
5	Low level sensor	23171 (for alcohol use 23183)

SPEC8120



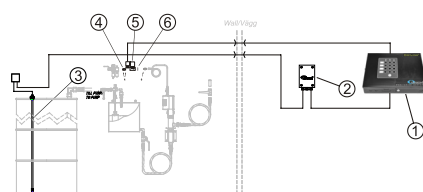
Pump Protection Kit for Pumps in EX Proof Areas

Used to prevent air from entering the pump tube and dry running the pump when the drum is empty.
Level sensor made of plastic, resistant to fluids commonly supplied in 205 l drums.

Equipment delivered unassembled in a kit consisting of the following:

1	Control panel	23430
2	Ex ia barrier (EEX ia)	23187
3	Low level sensor	23183 (for oil use 23171, not included)
5	Solenoid valve, 24V DC	48080

SPEC8121



Notes:

A large rectangular area with rounded corners, containing numerous horizontal dotted lines for writing notes.



11 Drum Handling

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Trolleys

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.

Description	Dimension (L x W x H)
Trolley	300 x 390 x 1.000 mm

Accessories

Pump bracket with G2" (f) thread. Mounts on the trolley with a pipe clamp.
Strap 1,5 meters long for small kegs/buckets.

Part No

28528

28557
40801327

28557



40801327



28528



Trolley for Buckets and Plastic Containers

Trolley for buckets. Wheel diameter Ø 160 mm.

Description	Dimension (L x W x H)
Trolley	450 x 290 x 920 mm

28527

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.

Description	Dimension (L x W x H)
Drum trolley	500 x 450 x 1.060 mm

28526

28526



28557



Accessories

Pump bracket with G2 (f) thread. Mounts on the trolley with a pipe clamp.

28557

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 loose.

Description	Dimension (L x W x H)
Drum trolley	785 x 800 x 900 mm

28645

28645



Accessories

Pump bracket.

Reel bracket. For ORK,ORM, CRK and CRO Series

28651

28652

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.

Description	Dimension (L x W x H)
Drum trolley	785 x 800 x 900 mm
Drum trolley*	785 x 800 x 900 mm

28646

28667

28646



* Like 28646 but with hard wheels

Accessories

Reel bracket. For ORK, ORM, CRK and CRO Series

28653

Safety Drum Trolley

Drum trolley for all containers up to 180 kg drums, with four wheels, 2 large Ø 250 mm, and two support wheels Ø 100 mm one equipped with a brake.

Description **Dimension (L x W x H)**
Safety drum trolley 785 x 800 x 900 mm

Part No

28277



Safety Drum Trolley with bracket for hose reel

Drum trolley for all containers up to 180 kg drums, with four wheels, 2 large Ø 250 mm, and two support wheels Ø 100 mm one equipped with a brake. Include a bracket for hose reel.

Description **Dimension (L x W x H)**
Safety drum trolley 980 x 800 x 900 mm

28350



Drum Dolly

Dolly for Ø 400 - 600 mm diameter drums, with three adjustable drum attachments and three (Ø 75 mm) swivel castors, one with a brake.

Description **Dimension (L x W x H)**
Drum dolly Height approx. 110 mm

28582



Drum Band Dolly

Drum band dolly with an adjustable steel band to suit 60 kg drums (max Ø 375) fitted with four Ø 60 mm castors.

Description **Dimension (L x W x H)**
Trolley Max. Ø 375 mm

28579



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.

Description
Container Tipper

92093



Drum Trolley

Basic drum trolley for transporting and moving oil drums. Useful when manually handling heavy 205 litre drums.

Description **Dimension (L x W x H)**
Trolley 1.400 x 700 x 300 mm

21110



Environment Protection & Drum Lifts

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.

Description	Dimension (L x W x H)	Material
Safety pallet for 2 drums	1.278 x 738 x 360 mm Volume approx.: 220 l	Metal
Safety pallet for 2 drums	1.205 x 805 x 440 Volume approx.: 250 l	Plastic

Accessory for 29144, castors and handle

Safety pallet for 2 IBC pallets

Safety pallet for IBC and safety flooring in various sizes can be offered upon request

Part No

29142



29142



29160

29144

29144



29160

29144 + 29145



Drum Wrench

Fits the most common types of drum caps.

29250



Drum Lift

Drum lift for upright oil drums. Simple to use, easy to apply. Approved for lifting up to 250 kg.

Description
Drum Lift

21100

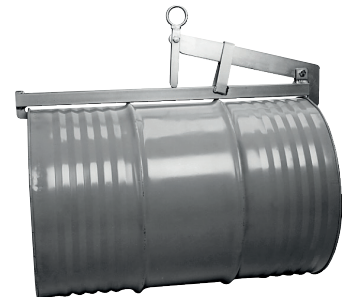


Drum Lift

Drum lift for lifting horizontal drums. Particularly useful when storing drums in a drum store. Approved for lifting up to 250 kg.

Description
Drum Lift

21108



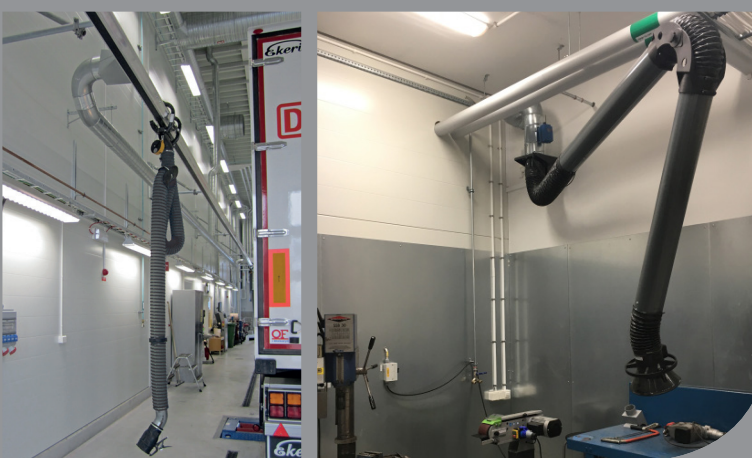
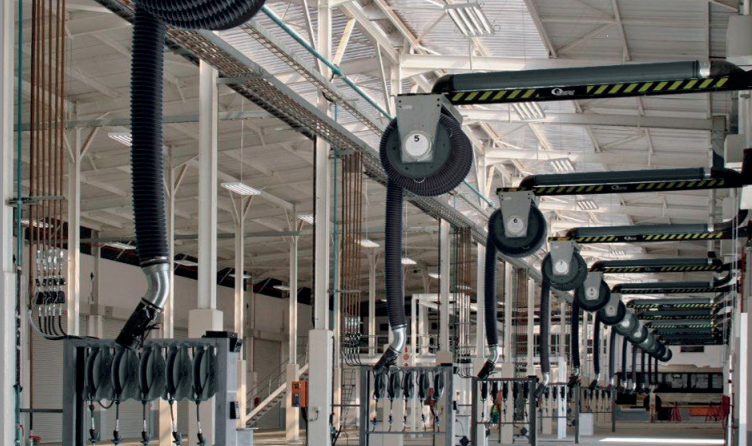
Hydraulic Drum Lift

Designed to handle drums on safety pallets and equipped with a pedal operated hydraulic lift. Lifting height over the floor 700 mm. Dimensions: width 900 mm, min height 1410 mm, max height 1915 mm.

Description
Hydraulic Drum Lift

28665





12 Exhaust Equipment

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Spring Operated Exhaust Reels

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. Max. capacity 10 m Ø 150 mm hose. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Description

Exhaust reel without hose

Complete reels with hose (+200 °C). Just add a nozzle.

Description	Hose dimension	Length
Exhaust reel for Trucks	150 mm (6")	10 metres

Part No

84350

84580



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. Max. capacity 10 m Ø 100 mm (4") hose. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Description

Exhaust reel without hose

Complete reels with hose (+200 °C). Just add a nozzle

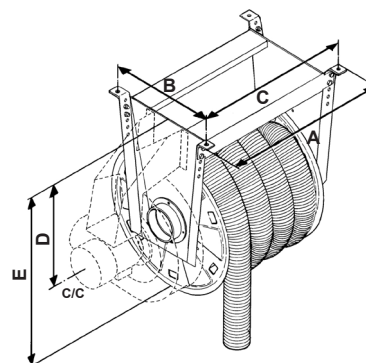
Description	Hose dimension	Length
Exhaust reel for Small Trucks/Cars	100 mm (4")	5 metres
Exhaust reel for Small Trucks/Cars	100 mm (4")	7,5 metres
Exhaust reel for Small Trucks/Cars	100 mm (4")	10 metres

84352

84584

84585

84586



84350	84352	84291
A 1030 mm	A 830 mm	A 630 mm
B 500 mm	B 500 mm	B 500 mm
C 974 mm	C 774 mm	C 574 mm
D 490 mm	D 490 mm	D 490 mm
E 790 mm	E 790 mm	E 790 mm

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. Max. capacity 7,5 m Ø 100 mm (4") hose. For selection of hose mounting kit, hose, nozzle, fan etc., see following pages.

Description

Exhaust reel without hose

Complete reels with hose (+200 °C). Just add a nozzle.

Description	Hose dimension	Length
Exhaust reel for Small Trucks/Cars	100 mm (4")	7,5 metres

84291

84583

Hose Mounting Kits for Exhaust Hose Reels

To connect the exhaust hose to the reel a mounting kit must be used.

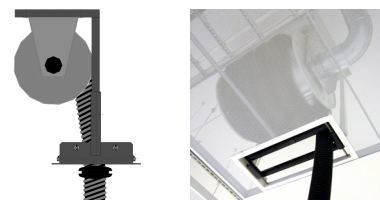
For hose diameter		
Ø 75 mm (3")		88300
Ø 100 mm (4")		88301
Ø 125 mm (5")		88302
Ø 150 mm (6")		88303



Hose guide through suspended ceilings for 84585 and 84586

Used for guiding the exhaust hose through suspended ceilings. Adjustable between ceiling and suspended ceiling from 840 mm to 1600 mm.

82004



Electric Driven Exhaust Reels

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.

Description

Electric Exhaust reel without hose and control box.

Complete reels with hose (+200 °C). Just add a nozzle. Control box included. Delivered unassembled.

Description	Hose dim.	Length
Electric exhaust reel with hose for trucks	125 mm (5")	10 metres
Electric exhaust reel with hose for trucks	150 mm (6")	10 metres

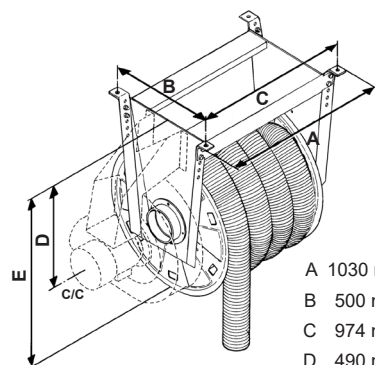
Part No

83125



84590

84591



A 1030 mm
B 500 mm
C 974 mm
D 490 mm
E 790 mm

Electric Driven 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. Max. hose capacity 10 m Ø 100 mm (4") hose.

For selection of hose mounting kit, hose, nozzle, fan etc., see following pages. 1 phase 220-240 V, 50 Hz.

Description

Electric Exhaust reel without hose and control box.

Complete reels with hose (+200 °C). Just add a nozzle. Control box included. Delivered unassembled.

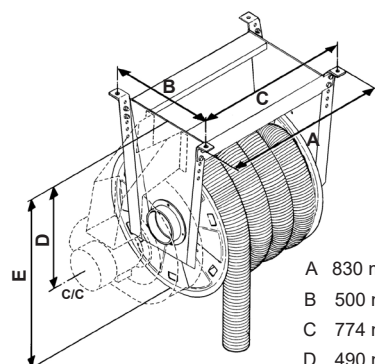
Description	Hose dim.	Length
Electric exhaust reel with hose for cars	100 mm (4")	10 metres
Electric exhaust reel with hose for trucks	125 mm (5")	7,5 metres

83122



84592

84593



A 830 mm
B 500 mm
C 774 mm
D 490 mm
E 790 mm

Control Box

For control of electric driven. Exhaust Hose Reels.



83005

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.

Length 4,1 metres

88417



Note. Exhaust reel and nozzle must be ordered separately.

Exhaust Hoses

Hose Mounting Kits for Electric Hose Reels

To connect the exhaust hose to the reel.

For hose diameter	Ø 100 mm (4")
	Ø 125 mm (5")
	Ø 150 mm (6")

Part No

88305
88306
88307



Exhaust Hoses

Hose diameter	Length	200 °C Standard	300 °C	500 °C	650 °C*
Ø 150 mm (6")	2,5 m		88459	88579	88479
Ø 75 mm (3")	5 m	88330	88445		88465
Ø 100 mm (4")	5 m	88340	88450		88470
Ø 125 mm (5")	5 m	88350	88455	88574	88475
Ø 150 mm (6")	5 m	88360	88460	88580	88480
Ø 75 mm (3")	7,5 m	88333	88446		88466
Ø 100 mm (4")	7,5 m	88343	88451		88471
Ø 125 mm (5")	7,5 m	88353	88456	88576	88476
Ø 150 mm (6")	7,5 m	88363	88461	88581	88481
Ø 75 mm (3")	10 m	88331	88447		88467
Ø 100 mm (4")	10 m	88341	88452		88472
Ø 125 mm (5")	10 m	88351	88457	88577	88477
Ø 150 mm (6")	10 m	88361	88462	88575	88482
Ø 75 mm (3")	12,5 m	88334	88448		88468
Ø 100 mm (4")	12,5 m	88344	88453		88473
Ø 125 mm (5")	12,5 m	88354	88458	88578	88478
Ø 150 mm (6")	12,5 m	88364	88463	88583	88483

*Note! A mounting kit must be used to connect the hose to the reel (see above).
Approx. 0,5 m of the total hose length will be used inside the reel.*

**Always with metal nozzle.*



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 = 1.080 m³/h

Exhaust Hose, Heavy Duty

The hose is crush proofed with nylon coil incl. one Y-adapter and two hose clamps (temp. resistant +200 °C).

Hose diameter	Length
Ø 75 mm (3")	2 x 2,5 m
Ø 100 mm (4")	2 x 2,5 m
Ø 125 mm (5")	2 x 2,5 m
Ø 150 mm (6")	2 x 2,5 m

88220
88221
88222
88223



Hose Connecting Kits

To connect hoses with the same diameter. The kit consists of a hose adapter and two hose clamps.

For hose diameter	Ø 75 mm (3")
	Ø 100 mm (4")
	Ø 125 mm (5")
	Ø 150 mm (6")

88485
88486
88487
88488



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.

Description	Hose diameter		
Safety disconnect coupling	75 mm (3")	Mechanical	88490
Safety disconnect coupling	100 mm (4")	Mechanical	88491
Safety disconnect coupling	125 mm (5")	Mechanical	88492
Safety disconnect coupling	150 mm (6")	Mechanical	88493
Safety disconnect coupling	100 mm (4")	Magnetic	88571
Safety disconnect coupling	125 mm (5")	Magnetic	88572



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, see previous pages. Balancer, see below.

A
Hose supports make it possible to hang the hose on a balancer.

Description	For hose diam.
Support	Ø 100 mm (4")
Support	Ø 150 mm (6")

B
Hose clamps are used to fix the hose directly on to the ducting.

Description	For hose diam.
Hose clamp	Ø 75 mm (3")
Hose clamp	Ø 100 mm (4")
Hose clamp	Ø 125 mm (5")
Hose clamp	Ø 150 mm (6")

For high temp hose

Hose clamp	Ø 75 mm (3")
Hose clamp	Ø 100 mm (4")
Hose clamp	Ø 125 mm (5")
Hose clamp	Ø 150 mm (6")
Hose clamp	Ø 200 mm (8")

Balancer

C
This 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.

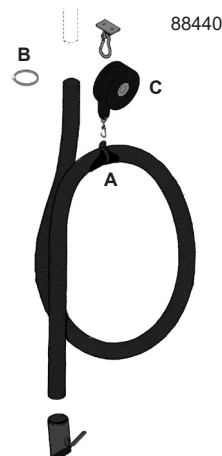
Description	Wire length.	Load	
Balancer with locking device	3 m	7-14 kg	88440
Balancer with locking device on/off	4,5 m	7-16 kg	84435
Balancer without locking device	3 m	7-14 kg	84437
Balancer without locking device	3,5 m	5-14 kg	84438
Switch for fan control, can be mounted on 84435			84436

Part No

88441
88442

72101045
72101011
72101063
72101021

88590
88591
88592
88593
88594



Nozzle see page 141.

Complete Exhaust Extraction Kits

Consisting of a fan, 5 m standard hose and balancer. Just add the required nozzle.

Description	Hose dim.	Fan	
Kit for Car	75 mm (3")	0,55 kW - 1.800 m³/h	84440
Kit for Car	100 mm (4")	0,55 kW - 1.800 m³/h	84441
Kit for Trucks	125 mm (5")	0,55 kW - 1.800 m³/h	84442
Kit for Trucks	150 mm (6")	0,55 kW - 1.800 m³/h	84443

Note! Exhaust Nozzle must be ordered separately.



Exhaust Drop on Swinging Arm

Description	Exhaust hose	Length Arm	
Swing arm	Ø 150 mm / 5 m	4,5 m	84420
Swing arm	Ø 150 mm / 5 m	6 m	84421
Swing arm	Ø 150 mm / 5 m	8 m	84422

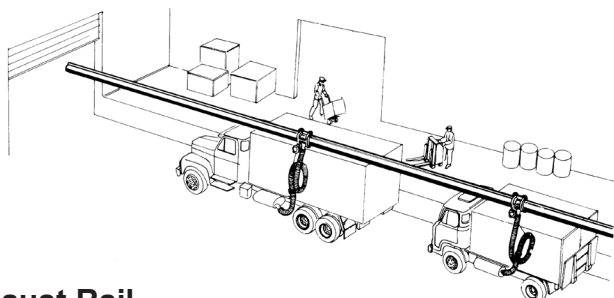
Note! Exhaust Nozzle and Fan must be ordered separately.



Exhaust Rails

Straight Exhaust Rails

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.



Exhaust Rail

With wall brackets, connectors, rubber seal, end cover and trolley stop. Nozzles not included (order separately). We recommend nozzles with wise grip.

Length	14,6 m
	17,4 m
	20,4 m
	23,2 m
	26,2 m
	29,0 m
	34,8 m

Standard mounting tool for rubber lip.

Part No

84530
84531
84532
84533
84534
84535
84536

84225



Internal Exhaust Trolley for Nozzle with Wise Grip

With balancer och hose hanger, without hose (order separately). Can be used for vehicle in motion.

Description

Internal exhaust trolley Ø 100 mm / 4".

Internal exhaust trolley Ø 150 mm / 6".

Internal exhaust trolley Ø 100 mm / 4", without balance.

Note! Hose and nozzle order separately!

84211
84212
84213



External Exhaust Trolley for Nozzle with Wise Grip

With balancer och hose hanger, without hose (order separately). Can be used for vehicle in motion.

Description

External exhaust trolley Ø 100 mm / 4".

External exhaust trolley Ø 150 mm / 6".

Note! Hose and nozzle order separately!

84215
84216



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, private cars and especially vehicles with twin exhaust pipes. 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

Description	Hose diameter	Oval nozzle opening	Part No
Rubber nozzle	Ø 100 mm	Ø 140 - 25 mm	88560
Rubber nozzle	Ø 100 mm	Ø 180 - 30 mm	88561
Rubber nozzle	Ø 100 mm	Ø 200 - 50 mm	88562
Rubber nozzle	Ø 125 mm	Ø 200 - 50 mm	88563
Rubber nozzle	Ø 150 mm	Ø 200 - 50 mm	88564



Rubber Nozzle with Probe Opening and Clamp Fixing

Description	Hose diameter	Oval nozzle opening	Part No
Rubber nozzle	Ø 75 mm	155 x 90 (Ø 115 mm)	88320
Rubber nozzle	Ø 100 mm	155 x 90 (Ø 115 mm)	88324
Rubber nozzle	Ø 100 mm	210 x 115 (Ø 160 mm)	88321
Rubber nozzle	Ø 125 mm	210 x 115 (Ø 160 mm)	88322
Rubber nozzle	Ø 150 mm	210 x 115 (Ø 160 mm)	88323



Rubber Nozzle with Probe Opening and Damper

Description	Hose diameter	Oval nozzle opening	Part No
Rubber nozzle	Ø 75 mm	155 x 90 (Ø 115 mm)	88315
Rubber nozzle	Ø 100 mm	155 x 90 (Ø 115 mm)	88316
Rubber nozzle	Ø 100 mm	210 x 115 (Ø 160 mm)	88317
Rubber nozzle	Ø 125 mm	210 x 115 (Ø 160 mm)	88318
Rubber nozzle	Ø 150 mm	210 x 115 (Ø 160 mm)	88319



Rubber Nozzle with Probe Opening, Damper and Clamp Fixing

Description	Hose diameter	Nozzle opening	Part No
Rubber nozzle	Ø 75 mm	155 x 90 (Ø 115 mm)	88325
Rubber nozzle	Ø 100 mm	155 x 90 (Ø 115 mm)	88326
Rubber nozzle	Ø 100 mm	210 x 115 (Ø 160 mm)	88327
Rubber nozzle	Ø 125 mm	210 x 115 (Ø 160 mm)	88328
Rubber nozzle	Ø 150 mm	210 x 115 (Ø 160 mm)	88329



Rubber Nozzle with Probe Opening, Spring Fixing

Description	Hose diameter	Nozzle opening	Part No
Rubber nozzle	Ø 75 mm	155 x 90 (Ø 115 mm)	88520
Rubber nozzle	Ø 100 mm	155 x 90 (Ø 115 mm)	88521
Rubber nozzle	Ø 100 mm	210 x 115 (Ø 160 mm)	88522
Rubber nozzle	Ø 125 mm	210 x 115 (Ø 160 mm)	88523
Rubber nozzle	Ø 150 mm	210 x 115 (Ø 160 mm)	88524



Metal Nozzle with Rubber Lid

Description	Hose diameter	Nozzle opening	Part No
Metal nozzle	Ø 75 mm	Ø 100 mm	88310
Metal nozzle	Ø 100 mm	Ø 100 mm	88311
Metal nozzle	Ø 125 mm	Ø 125 mm	88312
Metal nozzle	Ø 125 mm	Ø 150 mm	88313
Metal nozzle	Ø 150 mm	Ø 150 mm	88314



Starter, Control Units

Stacker Nozzle for Vertical Exhaust Pipes

Description	For Exhaust hose	Opening	Part No
Nozzle for vertical exhaust	Ø 125 mm/5"	Ø 200 mm / 8"	88396
Nozzle for vertical exhaust	Ø 150 mm/6"	Ø 250 mm / 10"	88397
Nozzle for exhaust, giraffe	Ø 150 mm/6"	Ø 250 mm / 10"	88569

Telescopic handle for Stacker nozzles.

Spring clip for Stacker nozzles.



Part No

88396

88397

88569

88398

88399

Exhaust Nozzle for Hidden Exhaust Pipes

Description	For Exhaust hose	Opening	Part No
Exhaust nozzle, with a hand pump	Ø 150 mm / 6"	Ø 90-160 mm	88555
Exhaust nozzle, for compressed air	Ø 150 mm / 6"	Ø 90-160 mm	88556
Exhaust nozzle, universal	Ø 100 mm / 4"	Ø 35-70 mm	88565

88555

88565



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.

Description	Opening facing exhaust pipe	Part No
Exhaust funnel	200 x 230 mm	88395

88395



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.

Description	Exhaust pipe max Ø	Part No
Exhaust funnel	Ø400 mm	88568

88568

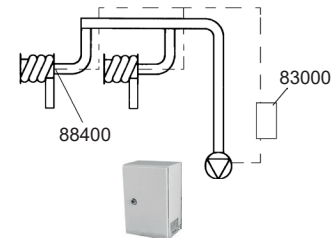


Starter

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), see next page.

Description	Power supply	Part No
Starter	3~ 230 / 400 V	83000

83000

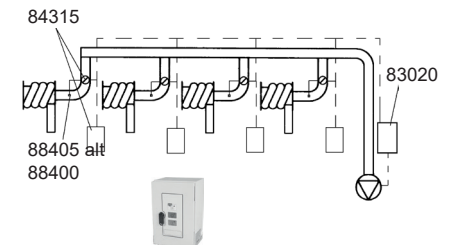


Control Box

Fully automatic control box for operation of the fan. The fan can be controlled manually or by using the pressure sensor (88405). It can also be combined with automatic damper (84315). Adjustable over run period of 7 sec. to 6 min. Built-in contactor must be equipped with suitable overload protector (not included), see below.

Description	Power supply	Part No
Control box	3~ 230 / 400 V	83020

83020



Motor Overload Protector

The rating of the protector depends on which fan is used. For installation in resp. control boxes.

Description	Part No
Overload, 0,9 - 1,3 A	88421
Overload, 1,4 - 2,0 A	88422
Overload, 2,3 - 3,2 A	88423
Overload, 4,5 - 6,3 A	88424
Overload, 7,2 - 10 A	88425

88421

88422

88423

88424

88425



Damper, Sensor, Micro Switch, Overload

Frequency Inverter

The DCV-Controller will operate your process ventilation by monitoring the air pressure of your system. The DCV-Controller will only run the fans to meet the demand of your production and do it automatically.

Description

DCV Controller 1,1 KW, PID regulator, EMC-filter, 380-460 V
 DCV Controller 2,2 KW, PID regulator, EMC-filter, 380-460 V
 DCV Controller 4,0 KW, PID regulator, EMC-filter, 380-460 V
 DCV Controller 7,5 KW, PID regulator, EMC-filter, 380-460 V

Pressure sensor (0-2500 Pa).

Part No

84370
 84371
 84372
 84374

83015

84370



83015



Fan Starter with Push-button

To be used when no automatic start or control units are used. Mounted in a plastic-encased box.

Description

Motorstarter IP55 w. overload 1,0 - 1,6 A 230 - 690 V AC
 Motorstarter IP55 w. overload 1,6 - 2,5 A 230 - 690 V AC
 Motorstarter IP55 w. overload 2,5 - 4,0 A 230 - 690 V AC
 Motorstarter IP55 w. overload 4,0 - 6,3 A 230 - 690 V AC
 Motorstarter IP55 w. overload 6,3 - 10,0 A 230 - 690 V AC
 Motorstarter IP55 w. overload 10,0 - 16,0 A 230 - 690 V AC

84245
 84246
 84247
 84248
 84249
 84250

84245



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.

Description

Start/stop switch

Power supply

24 V AC/DC

88408



Automatic Damper

Fully automatic, motorized damper, Ø 160 mm. Should be supplemented with a switch assembly (88400).

Description

Automatic damper

Power supply

24 V AC

84312



Transformer

Transformer for halogen lamp cartridge (84725), 230 V/24 V, 80 W.

Description

Transformer

Power supply

230 V/24 V AC, 80 W

88431



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).

Description

Micro switch

88400



Extraction Arms

Extraction Arms. 1,5 , 2 and 3 m

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.

Description

Extraction 1,5 m
Extraction 2 m
Extraction 3 m

Part No

84700
84701
84702

84700



Ceiling Bracket for Extraction Arm

For ceiling mounting of an extraction arm.

Description

Ceiling bracket
Ceiling bracket

Length

0,5 m
1,0 m

84720
84721

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.

Description

Bodywork extraction arm 5 m with wall bracket
Bodywork extraction arm 5 m with ceiling bracket

84710
84711

84711



Extraction Arm with Extension Swing Arm

Extraction arm with extension swing arm, wall bracket, hose and Ø 160 mm ventilation tube.

Description

Extraction arm with extension swing arm
Extraction arm with extension swing arm
Extraction arm with extension swing arm
Extraction arm with extension swing arm
Extraction arm with extension swing arm

Length

4 m
5 m
7 m
9 m
11 m

84703
84704
84705
84706
84707

84704



Lighting and Switch

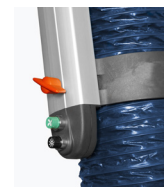
Lighting for extraction arm, LED-lamp 24V.

Description

Complete LED-lighting with on/off switch for fan
Complete LED-lighting
On/off switch for fan
Relay box 24 V AC, to be used together with electrical damper and light

84725
84726
84727
83023

84725



Accessories for Extraction Arms

Description

Glazier hood for extraction arm
3,5 m extension hose for extraction arms with magnetic bracket

84730
84731

84730

84731



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 20 W / 24 V halogen lamp cartridge (88430) can be fitted in the hood.

Description

Extraction arm 2 m
 Extraction arm 3 m
 Extraction arm 4 m
 Manual damper with rubber seal

Part No

84400
 84402
 84405
 84615



Extention Swing Arm

Arm with wall bracket, hose and Ø 160 mm ventilation tube and channel including connection to extraction arms. Extraction arm not included.

Description

Extension arm
 Extension arm
 Extension arm

Length

1,5 m
 2,5 m
 4,5 m

84416
 84414
 84415



Halogen Lamp Cartridge

To be fitted in the hood. Consists of 20 W / 24 V halogen lamp, switch assembly and 10 m cable.

Description

Halogen lamp cartridge with switch
 Switch without lamp
 Relay box 24 V AC, to be used together with electrical damper and light

88430
 88433
 83023



Fans

Mobile Mechanical Filter

1 phase 0,75 kW 220-240V 50Hz. Delivered with a 5 m cable.
Filter up to 98% of the pollution.

Description

Mobile mechanical filter with extraction arm
Mobile mechanical filter with extraction arm
Cartridge filter cassette (spare part)
Carbon fiber cassette (spare part)

Length

2 m
3 m

Part No

84620
84621
84623
84624

84620



Fans for Exhaust and Fumes

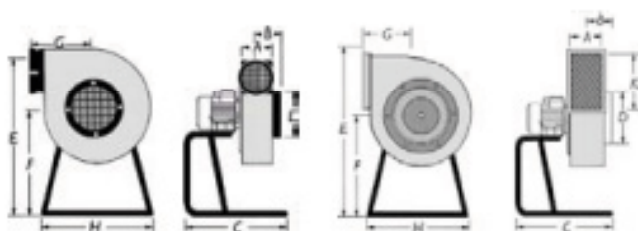
Delivered with tubular support (84320-84330). Models 84320-84325 can be mounted directly to exhaust hose reels with the aid of a mounting kit (88410), see below.

Rough Recommendations

Beside each respective fan you can see our rough recommendations for the fan.

Descript.	Free flow capacity	Power supply	Rated current	Output	
Fan	1.800 m ³ /h	3~ 230/400 V, 50 Hz	1,4-1,5 A	0,55 kW	84323
Fan	2.160 m ³ /h	3~ 230/400 V, 50 Hz	1,9-2,0 A	0,75 kW	84325
Fan	2.160 m ³ /h	230 V, 50 Hz	5,0 A	0,75 kW	84465
Fan	3.000 m ³ /h	3~ 230/400 V, 50 Hz	2,5-2,7 A	1,1 kW	84330

Vehicle	Max no.	Hose Dim	Hose length
PV	< 3	100 mm	7,5 m
LV	1	150 mm	10 m
PV	< 4	100 mm	7,5 m
LV	1	150 mm	12,5 m
PV	< 4	100 mm	7,5 m
LV	1	150 mm	12,5 m
PV	< 5	100 mm	10 m
LV	< 2	150 mm	10 m



Dimensions in mm

A	B	C	D	E	F	G	H	K	Weight	
Ø 160	95	430	Ø 160	650	415	245	445	-	16,4 kg	84323
Ø 160	95	430	Ø 160	660	425	245	445	-	19,4 kg	84325
Ø 142	110	450	Ø 250	740	410	230	445	215	24,0 kg	84330

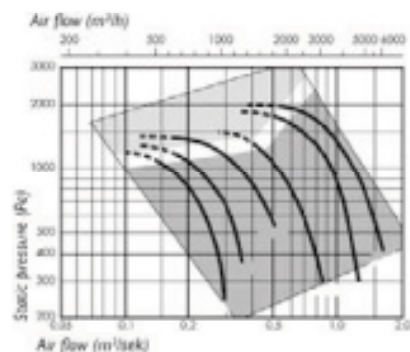
Air Flow in Exhaust Hoses:

Ø 75 mm	at air flow	< 270 m ³ /h
Ø 100 mm	at air flow	< 540 m ³ /h
Ø 125 mm	at air flow	< 810 m ³ /h
Ø 150 mm	at air flow	< 1.080 m ³ /h

Recommended Air Flow

Cars = 360 m³/h
Trucks = 1080 m³/h

Pressure Drop Chart



■ Recommended working range
▨ Critical working range
▩ Fans unsuitable

The universal support offers numerous mounting options.

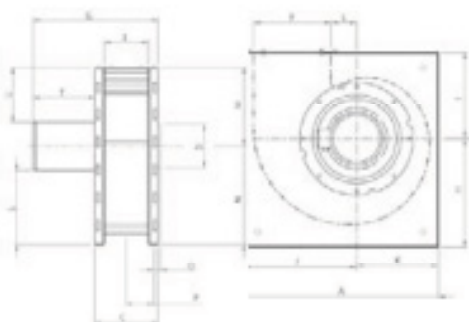


Fans

A series of robust fans, generally designed for extended systems of exhaust hose reels, straight rails and fume extractors. 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.

Free flow capacity	Power supply	Rated current	Output
2.500 m³/h	3~ 220/380 V	1,7 Amp (400V)	0,75 kW
5.500 m³/h	3~ 220/380 V	4,6 Amp (400V)	2,2 kW
7.500 m³/h	3~ 220/380 V	7,7 Amp (400V)	4,0 kW
12.000 m³/h	3~ 220/380 V	8,05 Amp (400V)	7,5 kW



Measures

A	B	C	D	E	F	G	H	I	J	K	Weight
640	640	230	160	160	254	453	355	288	373	267	31 kg
785	785	270	200	200	322	535	444	341	475	310	51 kg
980	980	290	250	220	402	695	603	377	583	397	78 kg
1100	1100	320	320	250	448	805	621	479	653	447	137 kg

Part No



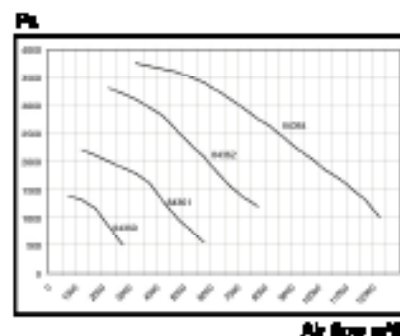
84360

84361

84362

84364

Pressure Drop Chart



84360

84361

84362

84364

Fan Mounting Kit

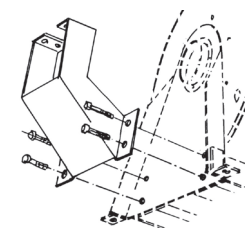
For mounting of fans 84320-84325 directly on exhaust reels. Consists of bracket, rubber ring and fan socket.

Note! The standard tubular support should be removed.

Description

Fan mounting kit

88410



Fan Accessories

Description

Outlet from rectangular to round Ø 250 mm
 Outlet from rectangular to round Ø 250 mm
 Outlet from rectangular to round Ø 315 mm
 Outlet from rectangular to round Ø 400 mm
 Outlet from rectangular to round Ø 500 mm

For Fan

84330
 84360
 84361
 84362
 84364

Soft connection for noise and vibration free connection Ø 160 mm
 Soft connection for noise and vibration free connection Ø 200 mm
 Soft connection for noise and vibration free connection Ø 250 mm
 Soft connection for noise and vibration free connection Ø 315 mm
 Soft connection for noise and vibration free connection Ø 400 mm
 Soft connection for noise and vibration free connection Ø 500 mm

Anti-vibration dampers to isolate noise and vibration 84360, 84361
 Anti-vibration dampers to isolate noise and vibration 84362-84364

88401

84380

84381

84382

84383

84384

84385

84386

84387

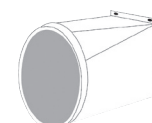
84388

84389

85390

85391

84380



84384



85390



Notes:

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13 Installation Equipment

Installation Components, Oil.....	150
Installation Components, Grease	151
Installation Components, Water Based Fluids...	152
Installation Components, Oil and Grease.....	153
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Accessories	157



Installation Components, Oil

Pipe Diameters for Different Pipe Lengths (EN10305-4)

Tube Length	Diameter
0 - 50 m	Ø 22 x 1,5 mm
0 - 150 m	Ø 28 x 2 mm
0 - 300 m	Ø 35 x 3 mm

E-Coated Steel Tubes for Oil

Part No	Description	Dimension, Ø x wall thickness
90101120	22x1,5FZ	E-Coated Steel tube Ø 22 x 1,5 mm, pipe length 6 m
90101162	28x2FZ	E-Coated Steel tube Ø 28 x 2 mm, pipe length 6 m
90101192	35x3FZ	E-Coated Steel tube Ø 35 x 3 mm, pipe length 6 m

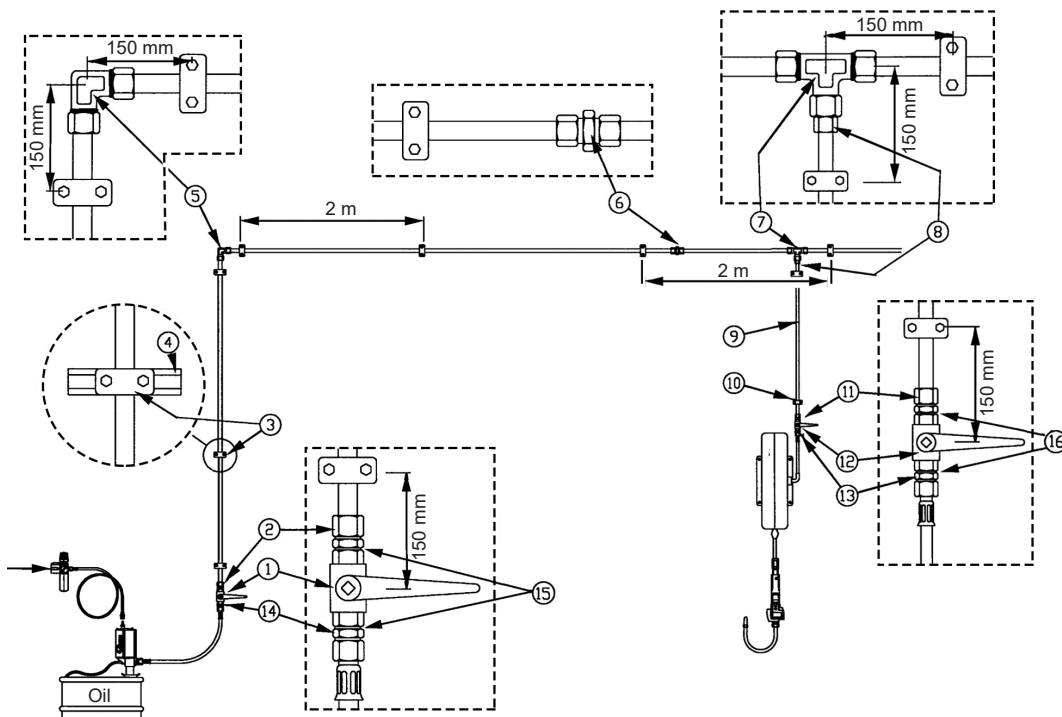
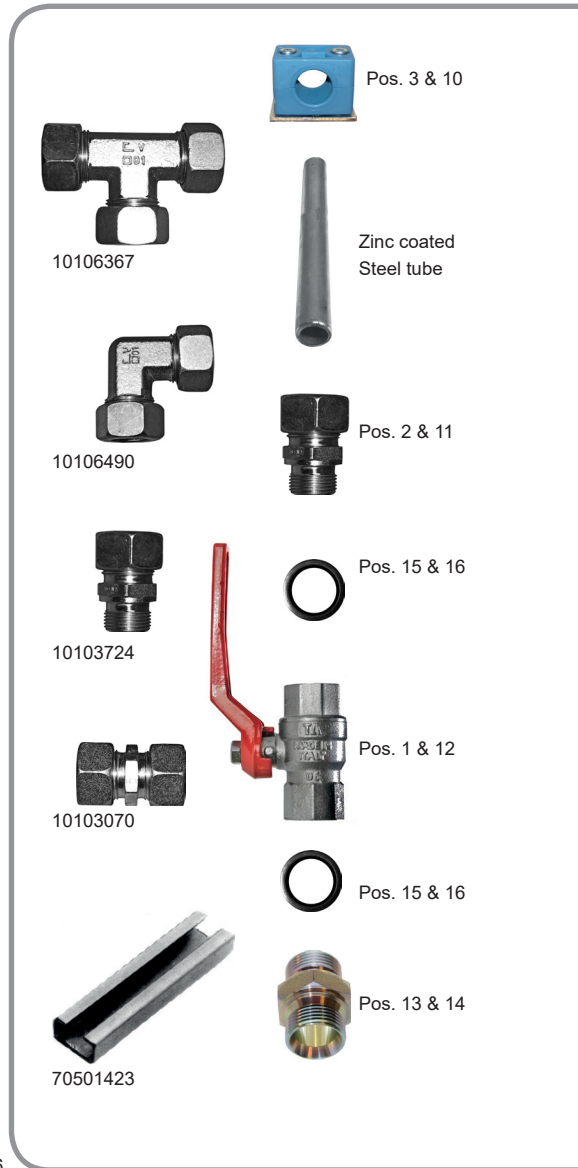
Installation Components

Item Nos refer to the drawing below

Item	Description	Pipe diameter	Pipe diameter	Pipe diameter
		Ø 22 x 1,5 mm	Ø 28 x 2 mm	Ø 35 x 3 mm
1	Shut-off valve	30101111	30101081	30101087
2	Male connector	10103724	10103292	10103325
3	Pipe clamp	70101249	70101273	70101297
4	Bracket for clamp	70501423	70501423	70501423
	(Length= 2 m)	(Length= 2 m)	(Length= 2 m)	
5	Angle connector	10106490	10106496	10106502
6	Union connector	10103070	10103079	10103088
7	Tee connector	10106367	10106373	10106379
8	Reducer	-	-	10101564
9	Pipe	90101120	90101162	90101192
	(L= 6 m)	(L= 6 m)	(L= 6 m)	
10	Pipe clamp	70101249	70101273	70101249
11	Male connector	10103724	10103295	10103325
12	Shut-off valve	30101111	30101081	30101111
13	Adapter	25102053	25102065	25102053
14	Adapter	25102008	10105962	25102071
15	Rubber/Steel washer	10103544	10103517	10103523
16	Rubber/Steel washer	10103544	10103517	10103544

Installation Kits

Pump installation kit	99400	99401	99402	Parts included: Item 1, 2, 14, 2 pcs 15.
Pipe kit	99403	99404	99405	Parts included: Item 4, 6, 9, 4 pcs 3.
Reel installation kit	99406	99407	-	Parts included: Item 11,12, 13, 2pcs 16.



Pipe Diameters for Different Pipe Lengths (EN10305-4)

Tube Length	Diameter
0 - 20 m	Ø 20 x 3 mm
0 - 35 m	Ø 25 x 3 mm
0 - 60 m	Ø 38 x 4 mm

E-Coated Steel Tubes for Grease

Part No	Description	Dimension, Ø x wall thickness
73202	E-Coated Steel tube	Ø 20 x 3 mm, pipe length 6 m
73252	E-Coated Steel tube	Ø 25 x 3 mm, pipe length 6 m
73383	E-Coated Steel tube	Ø 38 x 4 mm, pipe length 6 m

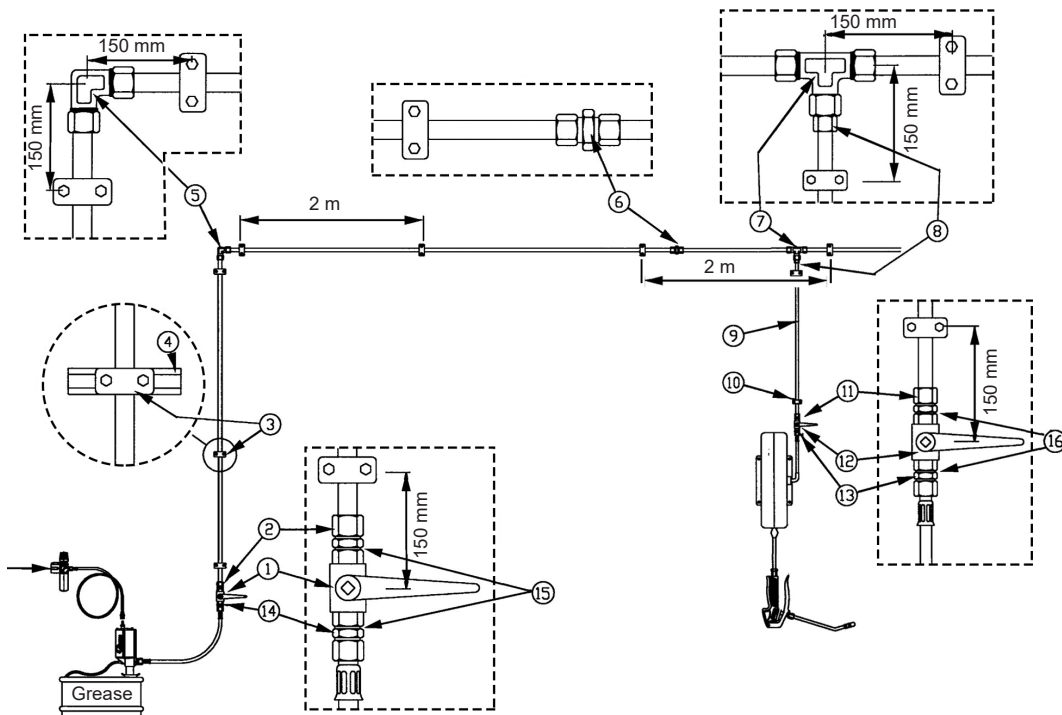
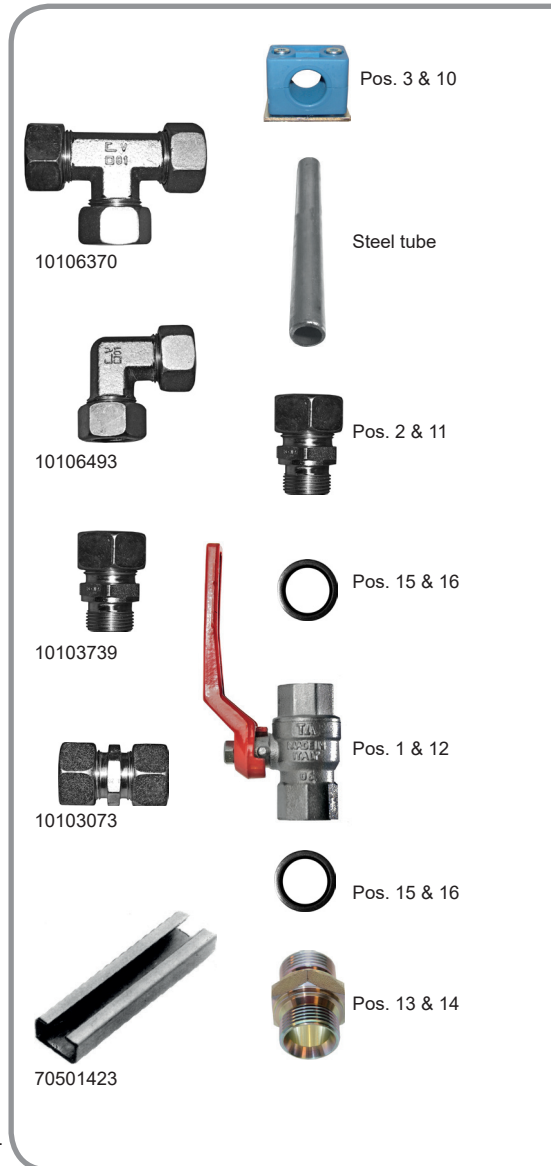
Installation Components

Item Nos refer to the drawing below.

Item	Description	Pipe diameter	Pipe diameter	Pipe diameter
		Ø 20 x 3 mm	Ø 25 x 3 mm	Ø 38 x 4 mm
1	Shut-off valve	30201345	30201345	30201345
2	Male connector	10103250	10103280	10103337
3	Pipe clamp	70101237	70101261	70101303
4	Bracket for clamp	70501423	70501423	70501423
		(Length=2 m)	(Length= 2 m)	(Length= 2 m)
5	Angle connector	10106484	10106493	10106505
6	Union connector	10103064	10103073	10103091
7	Tee connector	10106364	10106370	10106382
8	Reducer	-	10101498	10101588
9	Pipe	73202 (L= 6 m)	73252 (L=6 m)	73383 (L=6 m)
10	Pipe clamp	70101237	70101261	70101303
11	Male connector	10103250	10103280	10103337
12	Shut-off valve	30201345	30201345	30201345
13	Adapter	25102047	25102047	25102047
			+25102038	+25102047
			+25101871	+70091220
14	Adapter	25102047	25102047	70091220
			+25101871	+25102047
15	Rubber/steel washer	10103544	10103517	10103523
			+10103544	+10103544
16	Rubber/steel washer	10103544	10103544	10103544
			+10103517	+10103523

Installation Kits

Pump installation kit	99417	99418	99419	Parts included: Item 1, 2, 14, 2pcs 15.
Pipe kit	99420	99421	99422	Parts included: Item 4, 6, 9, 4pcs 3.
Reel installation kit	99423	99424	99425	Parts included: Item 11,12, 13, 2pcs 16.



Installation Components, Water Based Fluids

Pipe Diameters for Different Pipe Lengths

Tube Length	Diameter
0 - 50 m	Ø 15 x 1,5 mm
0 - 300 m	Ø 22 x 1,5 mm

Stainless Steel Tubes for Water, Glycol etc

Part No	Description	Dimensions
90201015	Welded Stainless Steel (EN1.4301/TP304)	Ø 15 x 1,5 mm, pipe length 6 m
90201030	Welded Stainless Steel (EN1.4301/TP304)	Ø 22 x 1,5 mm, pipe length 6 m

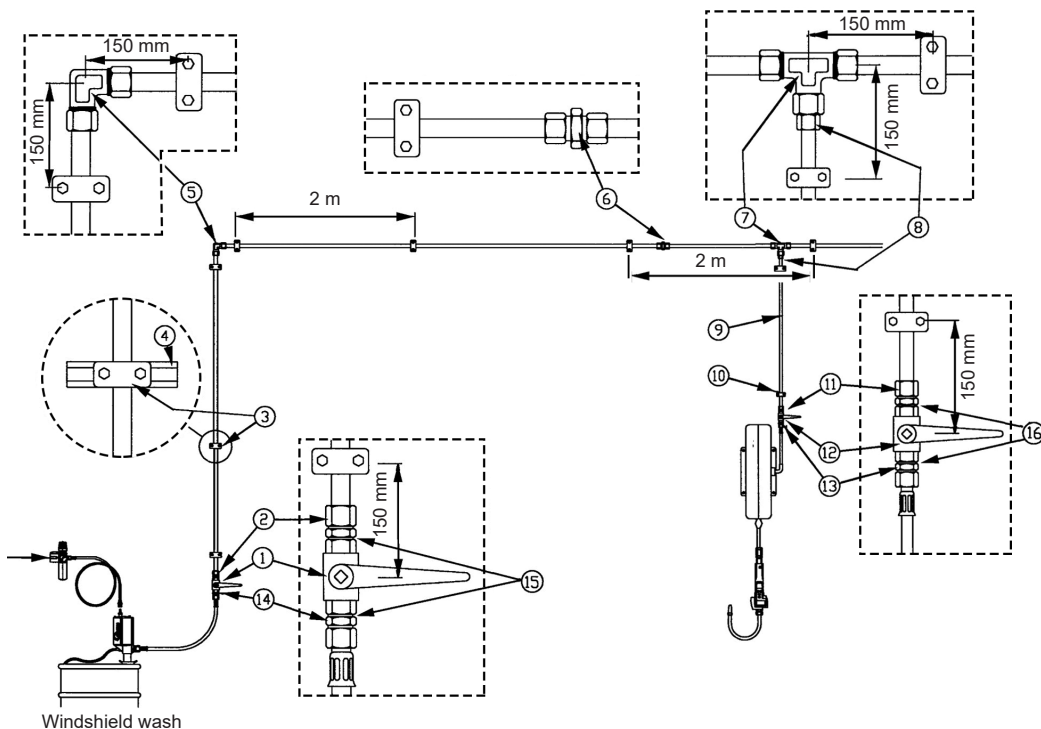
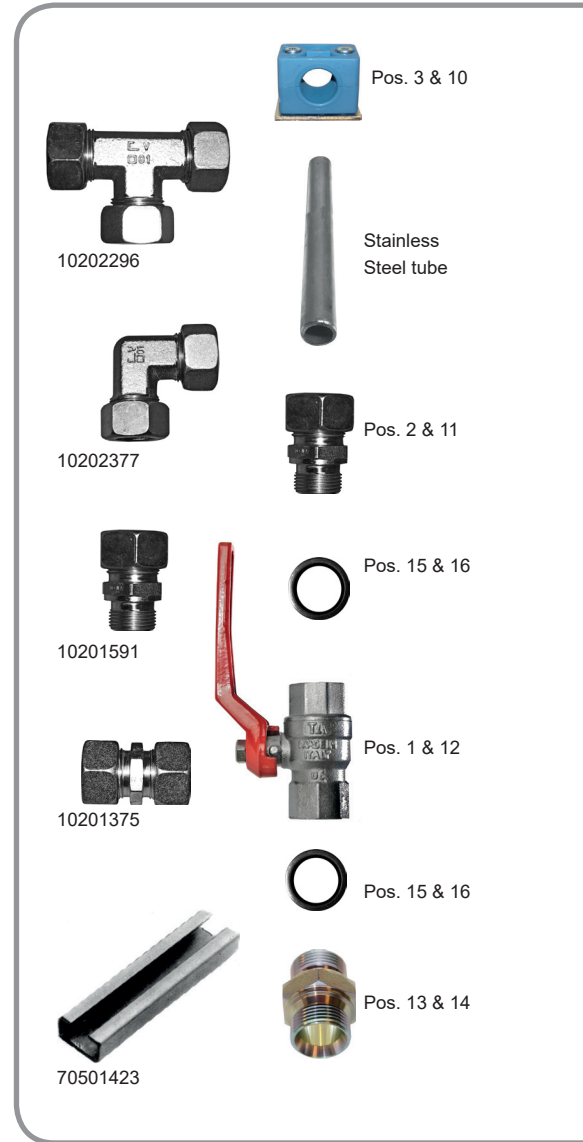
Installation Components

Item Nos refer to the drawing below

Item	Description	Pipe diameter	Pipe diameter
		Ø 15 x 1,5 mm	Ø 22 x 1,5 mm
1	Shut-off valve	30101093	30101111
2	Male connector	10201441	10201459
3	Pipe clamp	70101207	70101249
4	Bracket for clamp	70501423	70501423
		(Length= 2 m)	(Length= 2 m)
5	Angle connector	10202365	10202377
6	Union connector	10201363	10201375
7	Tee connector	10202275	10202296
8	Reducer	-	-
9	Pipe	90201015	90201030
		(Length= 6 m)	(Length= 6 m)
10	Pipe clamp	70101207	70101249
11	Male connector	10201441	10201459
12	Shut-off valve	30101093	30101111
13	Adapter	78020808	25101294
			+25201192
14	Adapter	78020808	25201294
			+25201192
15	Rubber/Steel washer	10103526	10103544
16	Rubber/Steel washer	10103526	10103544

Installation Kits

Pump installation kit	99408	99409 Parts included:Item1, 2, 14, 2pcs 15.
Pipe kit	99410	99411 Parts included:Item 4, 6, 9, 4pcs 3.
Reel installation kit	99412	99413 Parts included:Item 11,12, 13, 2pcs 16.



Rubber/Steel Washer

Description	Description
GBR 1/8"	Rubber/steel washer
GBR 1/4"	Rubber/steel washer
GBR 3/8"	Rubber/steel washer
GBR 1/2"	Rubber/steel washer
GBR 3/4"	Rubber/steel washer
GBR 1"	Rubber/steel washer
GBR 1 - 1/4"	Rubber/steel washer
GBR 1 - 1/2"	Rubber/steel washer
GBR 2"	Rubber/steel washer

Adapters in Steel

Description	Thread male-male	Max. pressure
Adapter	G1/8" - G1/8"	64 MPa (640 bar)
Adapter	G1/8" - G1/4"	64 MPa (640 bar)
Adapter	G1/4" - G1/4"	64 MPa (640 bar)
Adapter	G3/8" - G1/4"	64 MPa (640 bar)
Adapter	G3/8" - G3/8"	64 MPa (640 bar)
Adapter	G1/2" - G1/4"	64 MPa (640 bar)
Adapter	G1/2" - G3/8"	64 MPa (640 bar)
Adapter	G1/2" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G1/4"	64 MPa (640 bar)
Adapter	G3/4" - G3/8"	64 MPa (640 bar)
Adapter	G3/4" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G3/4"	64 MPa (640 bar)
Adapter	G1" - G1/2"	40 MPa (400 bar)
Adapter	G1" - G3/4"	40 MPa (400 bar)
Adapter	G1" - G1"	40 MPa (400 bar)
Adapter	G1 1/4" - G3/4"	40 MPa (400 bar)
Adapter	G1 1/4" - G1"	40 MPa (400 bar)
Adapter	G1 1/4"-G1 1/2"	40 MPa (400 bar)
Adapter	G1 1/2" - G1"	40 MPa (400 bar)
Adapter	G1 1/2" - G2"	40 MPa (400 bar)

Bulkhead fitting in Steel

Description	Thread (male-male)	Max. pressure
Bulkhead Fitting	G1/4" - G1/4"	64 MPa (640 bar)
Bulkhead Fitting	G3/8" - G3/8"	64 MPa (640 bar)
Bulkhead Fitting	G1/2" - G1/2"	64 MPa (640 bar)
Bulkhead Fitting	G3/4" - G3/4"	64 MPa (640 bar)
Bulkhead Fitting	G1" - G1"	64 MPa (640 bar)
Bulkhead Fitting	G1 1/4" - G1 1/4"	64 MPa (640 bar)

Bushings, in Steel

Description	Thread (male-female)	Max. pressure
Bushing	G1/4" - G1/8"	40 MPa (400 bar)
Bushing	G1/2" - G3/8"	40 MPa (400 bar)
Bushing	G3/4" - G1/4"	40 MPa (400 bar)
Bushing	G3/4" - G3/8"	40 MPa (400 bar)
Bushing	G3/4" - G1/2"	40 MPa (400 bar)
Bushing	G3/4" - G1"	40 MPa (400 bar)
Bushing	G3/4" - G1 1/4"	40 MPa (400 bar)
Bushing	G1 1/4" - G3/4"	40 MPa (400 bar)

Adapter in Steel

Description	Thread (female-female)	Max. pressure
Adapter	G3/8" - G1/2"	40 MPa (400 bar)
Adapter	G1/2" - G1/2"	40 MPa (400 bar)
Adapter	G3/4" - G1/2"	40 MPa (400 bar)
Adapter	G1" - G3/4"	40 MPa (400 bar)

Reduction in Steel

Description	Pipe dimension	Max. pressure
Reduction Stainless Steel	Ø 22 - Ø 15 mm	25 MPa (250 bar)
Reduction	Ø 22 - Ø 15 mm	25 MPa (250 bar)
Reduction	Ø 28 - Ø 22 mm	25 MPa (250 bar)
Reduction	Ø 35 - Ø 28 mm	25 MPa (250 bar)
Reduction	Ø 35 - Ø 22 mm	25 MPa (250 bar)
Reduction	Ø 25 - Ø 20 mm	40 MPa (400 bar)
Reduction	Ø 38 - Ø 25 mm	40 MPa (400 bar)
Reduction	Ø 38 - Ø 20 mm	40 MPa (400 bar)

Part No

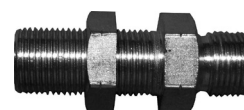
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10103517
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10103520
10103538



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25101987
25102035
25102041
25101999
25102038
25102047
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25102011
25102068
25102071
25102077
25102074
25102083



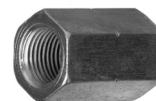
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25101786



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70091220
10105941



25101936
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10101591
10101588



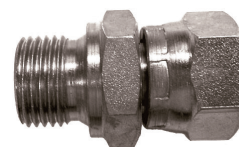
Installation Components

Adapters with a Swivelling Nut, in Steel

Description	Thread (male-female)	Max. pressure
Adapter	G1/4" - G1/4"	64 MPa (640 bar)
Adapter	G1/4" - G1/2"	64 MPa (640 bar)
Adapter	G1/4" - G1/2"	64 MPa (640 bar)
Adapter	G3/8" - G3/8"	64 MPa (640 bar)
Adapter	G3/8" - G1/4"	64 MPa (640 bar)
Adapter	G3/8" - G1/2"	64 MPa (640 bar)
Adapter	G1/2" - G1/2"	64 MPa (640 bar)
Adapter	G1/2" - G3/8"	64 MPa (640 bar)
Adapter	G1/2" - G3/4"	64 MPa (640 bar)
Adapter	G3/4" - G3/4"	64 MPa (640 bar)
Adapter	G3/4" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G1"	64 MPa (640 bar)
Adapter	G1" - G1"	64 MPa (640 bar)
Adapter	G1" - G3/4"	64 MPa (640 bar)

Part No

25102341
25102344
25102345
25102350
25102347
25102353
25102359
25102356
25102365
25102383
25102377
25102386
25102392
25102389



W-adapters with a Swivelling Nut, in Steel

Description	Thread (male-female)	Max. pressure
Adapter	G1/4" - G1/4"	64 MPa (640 bar)
Adapter	G3/8" - G3/8"	64 MPa (640 bar)
Adapter	G1/2" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G3/4"	64 MPa (640 bar)
Adapter	G1" - G1"	64 MPa (640 bar)
Adapter	G2" - G2"	64 MPa (640 bar)

25102428
25102431
25102434
25102440
25102446
25102450



Adapters with two Swivelling Nuts, in Steel

Description	Thread (female-female)	Max. pressure
Adapter	G 3/8" - G 3/8"	64 MPa (640 bar)
Adapter	G1/2" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G3/4"	64 MPa (640 bar)

25101897
25101903
25101909



W-adapters with two Swivelling Nuts, in Steel

Description	Thread (female-female)	Max. pressure
Adapter	G1/4" - G1/4"	64 MPa (640 bar)
Adapter	G1/2" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G3/4"	64 MPa (640 bar)

25101126
25101132
25101117



T-adapters, in Steel

Description	Thread (male-male-male)	Max. pressure
Adapter	G1/4" - G1/4" - G1/4"	64 MPa (640 bar)
Adapter	G3/8" - G3/8" - G3/8"	64 MPa (640 bar)
Adapter	G1/2" - G1/2" - G1/2"	64 MPa (640 bar)
Adapter	G3/4" - G3/4" - G3/4"	64 MPa (640 bar)
Adapter	G1" - G1" - G1"	64 MPa (640 bar)

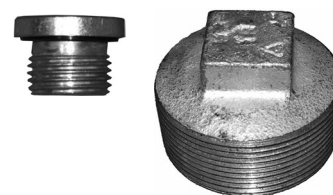
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25102867
25102869
25102875
25102878



Plug, in Steel

Description	Thread (male)	Max. pressure
Plug	G1/4"	64 MPa (640 bar)
Plug	G1/2"	64 MPa (640 bar)
Plug	G3/4"	64 MPa (640 bar)
Plug	G1"	64 MPa (640 bar)
Plug	G2"	2,5 MPa (25 bar)

25101513
25101519
25101495
25101498
9320119



Quick Connector, in Steel

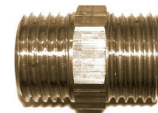
Description	Thread (female)	Max. pressure
Male	G1/2"	16 MPa (160 bar)
Female	G1/2"	16 MPa (160 bar)
Male	G3/4"	16 MPa (160 bar)
Female	G3/4"	16 MPa (160 bar)

35101222
35101216
35101273
35101258



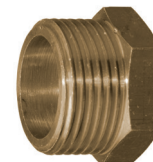
Adapters, in Brass

Description		Thread (male-male)	Part No
RNA 1/8" - 1/8"	Adapter	G1/8" - G1/8"	25201216
RNA 1/4" - 1/4"	Adapter	G1/4" - G1/4"	25201210
RNA 1/2" - 1/2"	Adapter	G1/2" - G1/2"	25201192
RNA 1/2" - 3/8"	Adapter	G1/2" - G3/8"	25201201
RNA 1/2" - 3/8"	Adapter	G3/4" - G3/4"	25201228
RNA 1" - 1"	Adapter	G1" - G1"	25201171
RNA 1" - 3/4"	Adapter	G1" - G3/4"	25201204
RNA 1 1/2" - 1"	Adapter	G1 1/2" - G1"	25201177
RNA 2" - 2"	Adapter	G2" - G2"	25201219



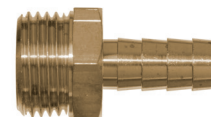
Bushings, in Brass

Description		Thread (male-female)	Part No
RNI 1/4" - 1/2"	Bushing	G1/4" - G1/2"	25201061
RNI 1/4" - 3/8"	Bushing	G1/4" - G3/8"	25201057
RNI 1/4" - 1/8"	Bushing	G1/4" - G1/8"	25201279
RNI 3/8" - 1/4"	Bushing	G3/8" - G1/4"	25201303
RNI 3/8" - 1/4"	Bushing	G 1/2" - G 1/8"	25201267
RNI 1/2" - 3/8"	Bushing	G1/2" - G3/8"	25201270
RNI 3/4" - 1/2"	Bushing	G3/4" - G1/2"	25201294
RNI 3/4" - 3/8"	Bushing	G3/4" - G3/8"	25201300
RNI 3/4" - 1/4"	Bushing	G3/4" - G1/4"	25201297
RNI 1" - 3/4"	Bushing	G1" - G3/4"	25201273
RNI 1" - 1/2"	Bushing	G1" - G1/2"	25201243
RNI 1" - 3/8"	Bushing	G1" - G3/8"	25201276
RNI 1 1/2" - 3/4"	Bushing	G1 1/2" - G3/4"	25201252
RNI 2" - 1 1/2"	Bushing	G2" - G1 1/2"	25201285
RNI 2" - 1"	Bushing	G2" - G1"	25201282



Hose Fitting in Brass

Description	Hose Dimension	Thread (male)	Part No
Hose Fitting	3/8" (10 mm)	G1/2"	38220806
Hose Fitting	1/2" (13 mm)	G1/2"	38220808
Hose Fitting	3/8" (10 mm)	G1/4"	38220406
Hose Fitting	1/2" (13 mm)	G1/4"	38220408
Hose Fitting	1/2" (13 mm)	G3/4"	38220812
Hose Fitting	3/4" (20 mm)	G1/2"	38221208
Hose Fitting	3/4" (20 mm)	G3/4"	38221212
Hose Fitting	3/4" (20 mm)	G1"	38221612



Hose Clamp

Description	Dimension	Part No
Hose Clamp	Ø 8 - 16 mm	72101051
Hose Clamp	Ø 12 - 22 mm	72101126
Hose Clamp	Ø 16 - 25 mm	72101081
Hose Clamp	Ø 20 - 32 mm	72101087



Adapters in Stainless Steel

Description	Threads	Max. pressure	Part No
Adapter	G3/8" (m) - G1/2" (m)	64 MPa (640 bar)	78020608
Adapter	G1/2" (m) - G1/2" (m)	64 MPa (640 bar)	78020808
Adapter	G3/4" (m) - G1/2" (m)	64 MPa (640 bar)	78020812
Adapter	G1" (m) - G1/2" (m)	64 MPa (640 bar)	78020816
Bulkhead Fitting	G1/2" (m) - G1/2" (m)	64 MPa (640 bar)	78900808
Adapter w. a swiveling nut	G1/2" (m) - G1/2" (f)	64 MPa (640 bar)	78080808
W-Adapter 90°	G1/2" (m) - G1/2" (f)	64 MPa (640 bar)	78310808
T-Adapter	3 x G1/2" (m)	64 MPa (640 bar)	78510808
Adapter w. two swiveling nuts	G1/2" (f) - G1/2" (f)	64 MPa (640 bar)	78070808
Reducer	Ø 22 - Ø15 mm	25 MPa (250 bar)	10201474



78020812



78900808



78080808



78310808



78510808



78070808



10201474

Installation Components

Shut-off Valves in Steel

Description	Media	Thread (f)	Max. pressure	Part No
BKH R 1/8	Grease and oil	G1/8"	50 MPa (500 bar)	30201339
BKH R 1/4	Grease and oil	G1/4"	50 MPa (500 bar)	30201330
BKH R 3/8	Grease and oil	G3/8"	50 MPa (500 bar)	30201354
BKH R 1/2	Grease and oil	G1/2"	50 MPa (500 bar)	30201315
BKH R 3/4	Grease and oil	G3/4"	40 MPa (400 bar)	30201345
BKH R 1	Grease and oil	G 1"	35 MPa (350 bar)	30201300
BKH R 1 1/4	Grease and oil	G 1 1/4"	35 MPa (350 bar)	30201309



Shut-off Valves in Brass

Valves in brass with PTFE-seals, lever or handle. For Oil, air and water

Thread (f)	Pressure	Operation	Part No
G3/8"	6,4 MPa (64 bar)	Lever	30101117
G1/2"	6,4 MPa (64 bar)	Lever	30101093
G3/4"	4,0 MPa (40 bar)	Lever	30101111
G1"	4,0 MPa (40 bar)	Lever	30101081
G1 1/4"	2,5 MPa (25 bar)	Lever	30101087
G1 1/2"	2,5 MPa (25 bar)	Lever	30101084
G2"	2,5 MPa (25 bar)	Lever	30101102
G1/4"	6,4 MPa (64 bar)	Handle	30101129
G3/8"	6,4 MPa (64 bar)	Handle	30101144
G1/2"	6,4 MPa (64 bar)	Handle	30101123
G3/4"	4,0 MPa (40 bar)	L-drilled, 3 ways	30101069
G1/4" (f) - G1/4" (m)	2,5 MPa (25 bar)	Needle valve	28513
G 3/4"	2,5 MPa (40 bar)	Automatic with air-flow control 24V DC	28370



28513

Tanks for oil

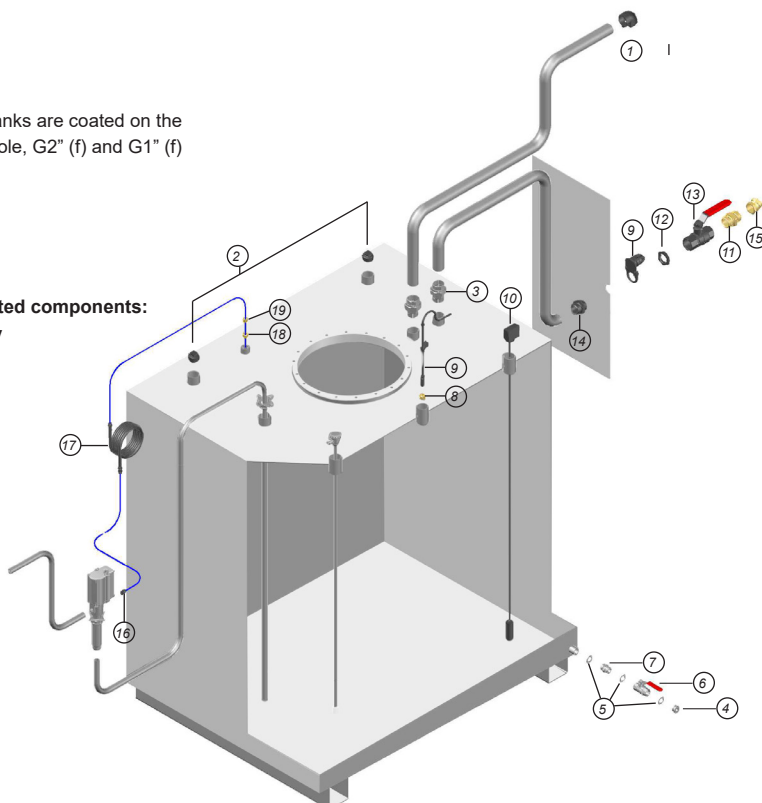
Manufactured in sheet steel in accordance with Swedish standards. The tanks are coated on the outside and untreated on the inside. The upper part is provided with manhole, G2" (f) and G1" (f) threaded connections and a G1 1/2" connection for the level sensor.

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:

Pos.	Description	Part no.	Qty
1	Ventilation cap	28328	1
2	Plug G2"	9320119	2
3	Union fitting G2"	9320104	2
4	Plug G1"	25101498	1
5	Rubber/steel washer G1"	10103517	3
6	Shut-off valve 1"	30101081	1
7	Fitting steel G1"-G1"	25102011	1
8	Bushing G1"-G1/2"	25201243	1
9	Overfilling protection	23163	1
10	Level gauge	2345475	1
11	Fitting G2"	9320106	1
12	Nut G2"	9320105	1
13	Shut-off valve G2"	30101102	1
14	Fitting G2"	25201219	1
15	Filling connection G2"	28197	1
16	Bushing G1/4"-G1/8"	25101819	1
17	Hose from pressure relief valve	480013M	1
18	Bushing G1"-G3/4"	25201273	1
19	Bushing G3/4"-G1/4"	25201297	1



Installation kit for waste oil (99415) and other fluids (99416) see next page.

Our tanks are not stocked items, only delivered against order

Complete connection kits for tanks

Connection kit for fresh oil tank including the following: level gauge, overfilling protection, union fittings, filling connection for trucks, ventilation cap for venting, plugs on the extra connection points, valve with plug for drainage in the bottom of the tank and a hose with adaptors for the pressure relief protection of the pump.

Connection kit for waste oil tank including the following: level gauge, union fittings, emptying connection for trucks, ventilation cap for venting, plugs on the extra connection points and valve with plug for drainage in the bottom of the tank.

Connection kit for waste liquid tank including the following: level gauge, union fittings, emptying connection for trucks, ventilation cap for venting, plugs on the extra connection points and valve with plug for drainage in the bottom of the tank.

Accessories for tanks

Ventilation cap in zinc plated steel 180°, connection thread G2" (f)

Filling connector in brass, straight

Filling connector in brass, 30°

Level gauge for tanks, max height of tank 2,5 m, connection thread G1 1/2" (m)

Level gauge for tanks, max height of tank 3 m, connection thread G1 1/2" (m), can be mounted beside the tank, connected by means of a hose (10 m included), scale in l or %.

Plug in steel, connection thread G1/2" (m)

Plug in steel, connection thread G3/4" (m)

Plug in steel, connection thread G1" (m)

Plug in steel, connection thread G1 1/2" (m)

Plug in steel, connection thread G2" (m)

Filling cabinet

The cabinet is made in stainless steel sheet for wall mounting. The door is sealed to prevent water or other contamination entering the cabinet. The cabinet is manufactured to withstand outdoor environment.

Description

Lockable filling cabinet made in stainless steel sheet.

Dimensions (L x W x D) 800 x 600 x 300 mm, excluding filling connectors.

Cabinets are available in other dimensions!

Part No

99414

99415

99416

28328

28196

28197

2345475

29126

25101519

25101495

25101498

25101507

9320119

28328 2345475



28197



29126



24104

Notes:

Area with horizontal dotted lines for taking notes.



14 Sorbents

Sorbents for Oil Only	160
Universal Sorbents	161
Spill Rugs	162



Sorbents for Oil Only

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.

Pads

OPW our best products for wiping. Strong and doesn't leave any lint.

Description	Size	Quantity	Absorbency*
High weight	41 x 46 cm	100/box	120
Light weight	41 x 46 cm	200/box	154

Rolls

OPW for industrial cleaning, very absorbent and doesn't leave lint.

Description	Size	Quantity	Absorbency*
High weight	41 cm	46 m/roll	120
High weight	81 cm	46 m/roll	240

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.

Description	Size	Quantity	Absorbency*
Mini boom	Ø 7,6 x 122 cm	15/package	85
Mini boom	Ø 7,6 x 305 cm	6/package	84
Mini boom	Ø 13 x 300 cm	4/package	135

Drum Tops

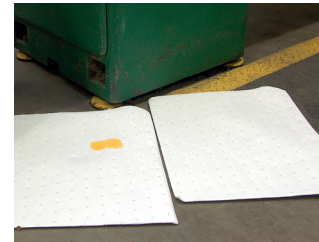
Already have pre-cut holes in order to perfectly fit on 200 liter drums. Prevents drum top leaks from reaching the floor, thus preventing slippery floors. Absorbs petroleum based liquids and repels water.

Only for oil and other petroleum based products.

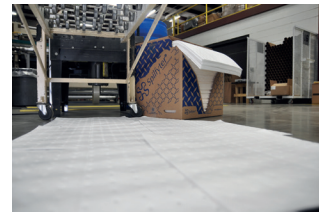
Description	Size	Quantity	Absorbency *
Drum Tops for 200 litres drums	Ø 56 cm	25/box	50

* Absorbency in litres/packaging

Part No



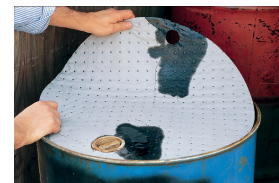
34000
34001



34002
34003



34004
34005
34006



34007



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.

Pads

Description	Size	Quantity	Absorbency*
High weight	41 x 46 cm	100/box	108
Light weight	41 x 46 cm	200/box	133

Rolls

Description	Size	Quantity	Absorbency*
High weight	41 cm	46 m/roll	120
High weight	81 cm	46 m/roll	240

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.

Pads

Description	Size	Quantity	Absorbency *
High weight	41 x 46 cm	100/package	120

Rolls

Description	Size	Quantity	Absorbency *
High weight	81 cm	46 m/roll	240

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.

Description	Size	Quantity	Absorbency*
Mini Boom	Ø 7,6 x 122 cm	15/package	85
Mini Boom	Ø 7,6 x 305 cm	6/package	84

Drum Tops

Already have pre-cut holes in order to perfectly fit on 200 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.)

Description	Size	Quantity	Absorbency*
Drum Tops for 200 litres drums	Ø 56 cm	25/box	50

* Absorbency in litres/packaging

Part No

34100
34101



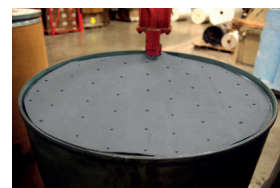
34102
34103



34104

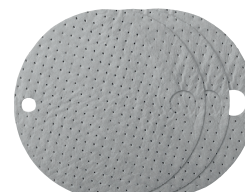


34105



34106
34107

34108



Spill Rugs

Spill Rug

Adsorbs 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.

Rolls

Description	Size	Quantity	Absorbency*
High weight	81 cm	46 m/roll	264

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.

Rolls

Description	Size	Quantity	Absorbency*
Average weight, spill rug for in and outside use	91 cm	30 m/roll	80

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.

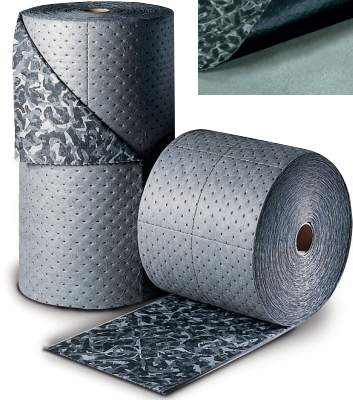
Rolls

Description	Size	Quantity	Absorbency*
Spill rug for in and outside use	147 cm	24 m/roll	352

Part No



34110



34120



34121

* Absorbency in litres/packaging

Notes:

Area with horizontal dotted lines for notes.

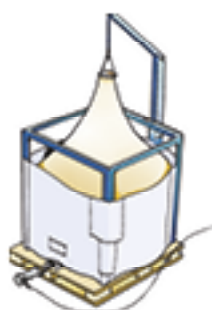
Notes:

A large rectangular area with rounded corners, containing numerous horizontal dotted lines for writing notes.

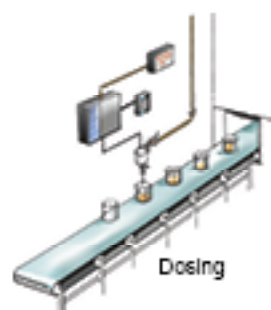
Industry



Distribution Equipment



Pumping



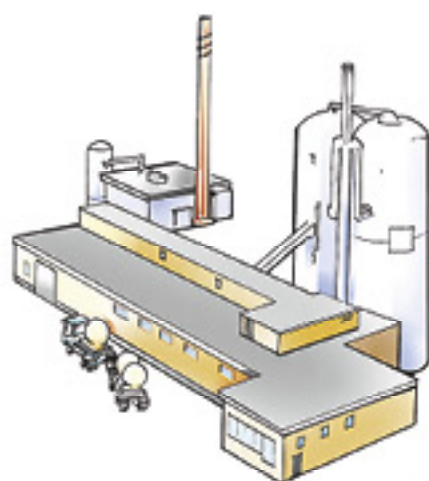
Dosing



Accessories



Hose Reels



Smoke Extraction

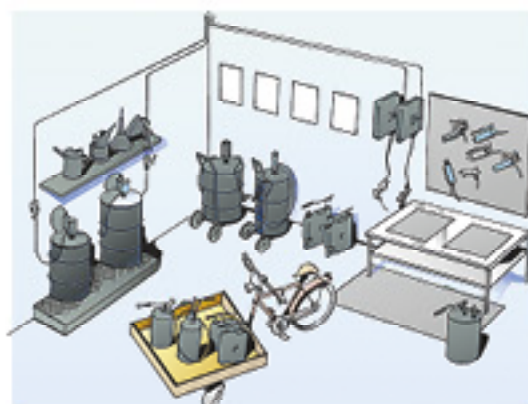


Exhaust Extraction

Mobile Units



Complete Solutions





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