

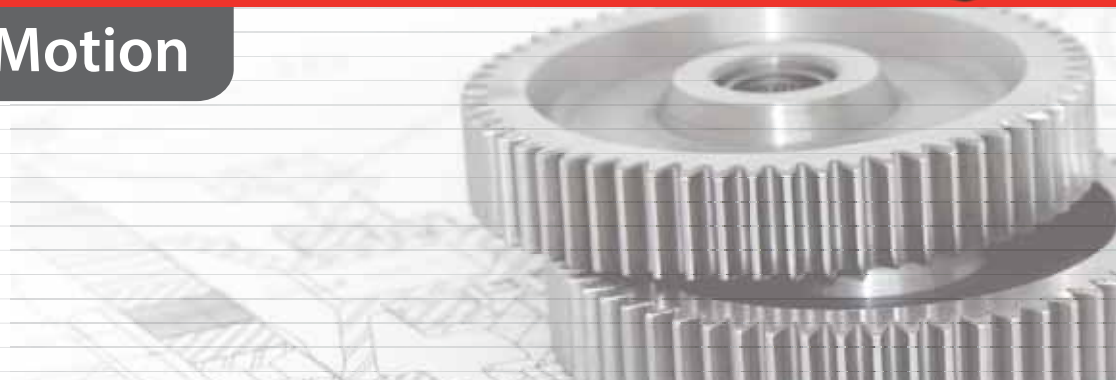
Product Catalogue 2015



Lubrication Equipment
Fluid Handling Products



Technology in Motion





MATO Lubrication Equipment Ensuring that your lubricants and fluids perform to their maximum potential in the areas of production, maintenance and repair.

Every machine or piece of plant has moving parts. Lubricants are necessary to reduce friction, minimise wear and to offer protection against the intrusion of impurities and corrosion. Such lubricants may include greases, pastes, and oils of differing viscosities and with various chemical and physical properties. These lubricants can only fulfil their defined and intended functions if they are delivered cleanly, safely and in the required volumes.

In all sectors of production, maintenance and repair, lubricant is often delivered at high pressure creating risks for operators, machinery and the environment. The complete range of MATO lubrication equipment enables our customers to handle and supply lubricants reliably, safely, economically and ecologically.

Products for handling lubricating greases, hydraulic and lubricating oils are supplemented by an intelligent range of pumps and accessories for fluids such as diesel, fuel oil and two stroke fuels: this range culminating in our modern fluid management system, FLUICON.





State of the art production takes place in our fully automated manufacturing facility and, thanks to a consistent, rigorous and customer-focussed quality policy:

MATO Lubrication Equipment enjoys a worldwide reputation for excellence.

Helping the world run smoothly:













MATO Lubrication Equipment

Fluid Handling Products



ISO 9001***



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Lube Shuttle



Description	Images and specifications can be subject to change without notice	Part No.	
Lube-Shuttle® System-Side Lever Grease Gun			
<p>All lever grease gun for Lube-Shuttle® cartridges, with galvanized steel pump-unit, high quality zinc plated steel barrel and ergonomic hand grip. Packed in environmentally friendly display carton. Working pressure over 400 bar / 5,800 psi, maximum pressure capability 800 bar / 11,600 psi approx. TÜV, DLG, BLT approved.</p> <p>Advantages:</p> <ul style="list-style-type: none"> - Tool free cartridge opening with screw-cap, re-usable - Fast and clean loading and unloading without opening gun - Type and quantity of grease visible at a glance - Optimum use of all grease in cartridge - Environmentally friendly - Refillable using Lube-Shuttle filler pumps with refill adaptor (part no. 3115050) - No air venting necessary ! 	        	<p>without accessories</p> <p>Lube-Shuttle® without accessories Thread M10x1 30 020 60</p> <p>Lube-Shuttle® without accessories Thread 1/8" 30 010 70</p> <hr/> <p>with rigid tube and 4-jaw hydraulic coupler</p> <p>Lube Shuttle® with rigid tube E4024, Thread M10x1 30 120 90</p> <p>Lube Shuttle® with rigid tube E4024, Thread 1/8" 30 110 00</p> <hr/> <p>With 300mm High Pressure nylon hose PH-30C, multiple braid, burst pressure 1,000 bar/14,450 psi, Ø-9mm, and 4-jaw hydraulic coupler</p> <p>Lube-Shuttle® with hose PH-30C, Thread M10x1 30 320 50</p> <p>Lube Shuttle® with hose PH-30C, Thread 1/8" 30 310 60</p> <hr/> <p>With 300mm extra safe Rubber Hose RH-30C, Steel wire braided, burst pressure 1,650 bar/23,900 psi, Ø-13mm, and 4 jaw hydraulic coupler</p> <p>Lube Shuttle® with hose RH-30C, Thread M10x1 30 220 20</p> <p>Lube Shuttle® with hose RH-30C, Thread 1/8" 30 210 30</p>	
Lube-Shuttle® TG System - One Hand Gun		    	<p>One hand grease gun with galvanized steel barrel for Lube-Shuttle® System-Cartridges, ergonomically designed pistol grip, packed in environmentally friendly carton</p> <p>Pressure capability of approx. 300 bar / 4,350 psi For details of the features and advantages of the MATO-Lube-Shuttle Grease Gun System see above</p> <p>Without accessories</p> <p>Lube Shuttle® TG without accessories, Thread M10x1 30 060 20</p> <p>Lube Shuttle® TG without accessories, Thread 1/8" 30 050 30</p> <hr/> <p>Lube Shuttle® TG with rigid tube</p> <p>Lube Shuttle® TG with rigid tube, Thread M10x1 30 160 50</p> <p>Lube Shuttle® TG with rigid tube, Thread 1/8" 30 150 60</p> <hr/> <p>With 300mm High Pressure nylon hose PH-30C, multiple braid, burst pressure 1,000 bar/14,450 psi, Ø-9mm, with 4-jaw hydraulic coupler</p> <p>Lube Shuttle® TG with hose PH-30C, Thread M10x1 30 360 10</p> <p>Lube Shuttle® TG with hose PH-30C, Thread 1/8" 30 350 20</p> <hr/> <p>With 300mm extra safe Rubber Hose RH-30C, Steel wire braided, burst pressure 1,650 bar/23,900 psi, Ø-13mm, with 4-jaw hydraulic coupler</p> <p>Lube Shuttle® TG with hose RH-30C, Thread M10x1 30 260 80</p> <p>Lube Shuttle® TG with hose RH-30C, Thread 1/8" 30 250 90</p>

For more information on our range of hoses please see page 20

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Lube-Shuttle® Promo-Sets and Kit

Description	Images and specifications can be subject to change without notice	Part No.
Lube-Shuttle® Promo-Set		
<p>Lube-Shuttle® Promo-Set in display carton with Lube-Shuttle lever grease gun either with rigid tube E4024, nylon hose or safety rubber hose each with 4-jaw coupler and two Lube-Shuttle cartridges MULTI Basic 2M</p>		
<p>with rigid tube and 4-jaw hydraulic coupler</p>		30 112 39
<p>Lube-Shuttle® Promo-Set with rigid tube E4024, M10x1</p>		30 112 22
<p>Lube-Shuttle® Promo-Set with rigid tube E4024, R1/8"</p>		
<p>with 300mm High Pressure nylon hose PH-30C, multiple braid, burst pressure 1,000 bar/14,450 psi, Ø-9mm, and 4-jaw hydraulic coupler</p>		30 112 91
<p>Lube-Shuttle® Promo-Set with PH-30C, M10x1</p>		30 112 77
<p>Lube-Shuttle® Promo-Set with PH-30C, R1/8"</p>		
<p>with 300mm extra safe Rubber Hose RH-30C, Steel wire braided, burst pressure 1,650 bar/23,900 psi, Ø-13mm, and 4-jaw hydraulic coupler</p>		30 113 38
<p>Lube-Shuttle® Promo-Set with RH-30C, M10x1</p>		30 113 21
<p>Lube-Shuttle® Promo-Set with RH-30C, R1/8"</p>		
Lube-Shuttle® -Kit		
<p>consists of:</p>		
<p>Lube-Shuttle®-System Side Lever Grease Gun with special connector</p>		
<p>Rigid tube E4024 with swivel nut for easy and safe screw-on to the grease gun,</p>		
<p>Safety rubber hose RH-30C with 4-jaw hydraulic coupler,</p>		
<p>Rigid tube with slide-on connector SK16</p>		
<p>Rigid tube for driveshaft F4020, each with snap-on coupling,</p>		
<p>Conical and universal connector</p>		
<p>All parts safely stored in carry-along case</p>		
<p>Lube-Shuttle® Grease Gun Kit</p>		30 333 30







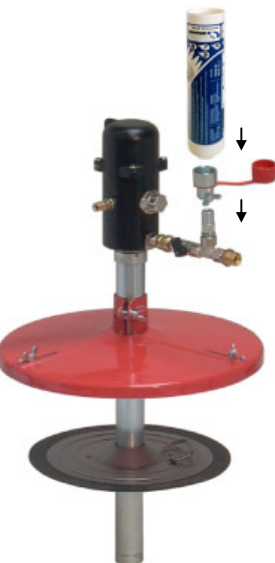


For more information on our range of hoses, please refer to page 20













Description	Part No.	
Lube-Shuttle® Accu-Greaser 14.4-LS Ni-Cd		
<p>Robust Electric 14.4V Battery Operated Grease Gun for 400g Lube-Shuttle® system-cartridges. Simply remove the cartridge cap, insert into the zinc plated steel body, screw in and you are ready to go ! A powerful DC motor drive, with planetary gearbox and reciprocating piston yields up to 400 bar of grease pressure. The maximum pressure is limited by an inbuilt relief valve.</p> <p>Description: Battery operated grease gun, 14.4V Ni-Cd battery, 1,500mAh, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (1 hour charging time), high pressure rubber hose 750mm (burst pressure 1,650 bar) with 4-jaw hydraulic coupler R1/8", in carry-along case with space for spare battery and grease cartridge.</p>	<p>34 258 07</p>	
Lube-Shuttle® Accu-Greaser 14.4-LS Li-Ion		 <div data-bbox="1264 719 1508 757" style="border: 1px solid black; padding: 2px; text-align: center;">double power</div>
<p>Robust Electric 14.4V Battery Operated Grease Gun for 400g Lube-Shuttle® system-cartridges. Simply remove the cartridge cap, insert into the zinc plated steel body, screw in and you are ready to go ! A powerful DC motor drive, with planetary gearbox and reciprocating piston gives up to 400 bar of grease pressure. The maximum pressure is limited by an inbuilt relief valve.</p> <p>Description: Battery operated grease gun, 14.4V Li-Ion battery, 3,000mAh, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (1,5 hour charging time), high pressure rubber hose 750mm (burst pressure 1,650 bar) with 4-jaw hydraulic coupler R1/8", in carry-along case with space for spare battery and grease cartridge.</p>	<p>34 270 30</p>	
Lube-Shuttle® Accu-Greaser 14.4-LS500 Li-Ion		
<p>Robust Electric 14.4V Battery Operated Grease Gun for 400g Lube-Shuttle® cartridges, <u>or</u> for 500g screw cartridges. Spec. and supplied as Lube-Shuttle® Accu-Greaser 14.4 Li-Ion, but with Cartridge-Adapter for 500g screw cartridges. This allows you to use both types of screw cartridges.</p>	<p><i>New</i></p>	
Spare Battery for Accu-Greaser 14.4-S + LS Ni-Cd		 <div data-bbox="1193 1563 1444 1601" style="border: 1px solid black; padding: 2px; text-align: center;">double power</div>
<p>High Power Ni-Cd Battery 14.4V DC, 1,500mAh Charging time: 1 hour approx.</p>	<p>34 259 06</p>	
Spare Battery for Accu-Greaser 14.4-S + LS Li-Ion		
<p>More powerful Li-Ion-Battery 14.4 DC / 3.000 mAh, with double power as compared to Ni-Cd version. Must be charged only with Li-Ion Charger. Charging time: 1,5 hour approx.</p>	<p>34 274 05</p>	
Chargers for Accu-Greaser 14.4-S + LS		
<p>Battery Charger with Overload Protection 14.4 DC, ON/OFF LED monitoring lamp, fast-charge function, 2 m cable</p>		
<p>Caution: Please select your charger according to your spare battery (Ni-Cd or Li-Ion) !</p>		
<p>Charger 230V AC 50 Hz for Accu-Greaser 14.4-S + LS Ni-Cd</p>	<p>34 259 20</p>	
<p>Charger 12V - 24V DC for Accu-Greaser 14.4-S + LS Ni-Cd</p>	<p>34 259 68</p>	
<p>Charger 110V - 230V AC 50 Hz for Accu-Greaser 14.4-S + LS Li-Ion</p>	<p>34 275 04</p>	
<p>Charger 12V - 24V DC for Accu-Greaser 14.4-S + LS Li-Ion</p>	<p>34 257 77</p>	

Description	Images and specifications can be subject to change without notice	Part No.	
High Pressure Rubber Hose			
for Accu-Greaser 14.4-S + LS			
High pressure safety hose ø 13mm, hexagonal end fittings for positive and safe installation, burst pressure 1,650 bar (double steel wire braided), either with or without 4-Jaw hydraulic coupler.			
RH-75 750mm Thread R 1/8", without Coupler		32 585 80	
RH-75C 750mm Thread R 1/8", with Coupler		32 589 48	
Carrying Strap for Accu-Greaser			
Simple, fast and secure strap ensuring easy and comfortable operation of the battery driven grease gun			
Carrying Strap for Accu-Greaser 14.4-S + LS		34 259 99	
Lube-Shuttle® Grease Spray Unit LubeJet-eco			
This Air Pressure Operated Grease Spray Unit enables the spraying of grease directly from the Lube-Shuttle® System-Cartridge without the need for propellants or chemical additives such as solvents. Spraying grease onto chains, wire ropes, open gears, slideways, telescopic booms etc. offers enormous potential for cost savings. The wasteful application of grease is history. The wide range of uses is literally unlimited.			
Lube-Shuttle® Grease Spray Unit LubeJet-eco		33 780 80	
Lube-Shuttle® Air Operated Grease Gun DF-LS			
One Hand Air Operated Grease Gun for Lube-Shuttle® - Cartridges, designed for grease up to NLGI class 3, single shot system, output 1ccm per stroke, pressure ratio 1:60, max. pressure 480 bar / 6,950 psi, air pressure 3 to 8 bar			
DF-LS with rigid tube E4024 M10x1, with Coupler		30 371 16	
DF-LS with rigid tube E4024 R1/8", with Coupler		30 371 09	
DF-LS with rubber hose RH-30C M10x1, with Coupler		30 373 14	
DF-LS with rubber hose RH-30C R1/8", with Coupler		30 373 07	
Lube-Shuttle® Dispenser Lube-Shot 400			
Designed to apply grease to all open surfaces, such as uncaged roller bearings. The dispenser will replace traditional, messy methods of application with open cartridges and brushes. The use of this dispenser will permit clean and uncontaminated greasing of open bearings. Lube-Shot 400 with nozzle, screw cap and an adaptor nozzle for the Lube-Shuttle® System-Cartridge.			
Lube-Shuttle® Dispenser Lube-Shot 400		30 001 10	
Nozzle-Set Lube-Shot 400			
Nozzle with Closure Cap for the Lube-Shuttle® - System-Cartridges			
Nozzle-Set Lube-Shot 400		30 009 05	

Description	Images and specifications can be subject to change without notice	Part No.	
Lube-Shuttle® Cartridges Empty	Empty Lube-Shuttle® Cartridges with follower plate inserted and screw cap loosely attached		
Packing Unit: 112 pcs.	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> MATO recommends empty cartridges of MBP-France: www.mbp-plastics.com </div> 		
Customized printing on empty cartridges upon request			
Lube-Shuttle® Cartridges Empty		31 198 05	
Lube-Shuttle® Cartridge Screw Caps	24 Screw caps, packed in poly bag, for sealing cartridges after filling		
Lube-Shuttle® Cartridge Screw Caps		31 100 00	
Lube-Shuttle® Cartridges-Adaptor	Lube-Shuttle® Cartridges-Adaptor for easy adapt to alternative screw-type cartridges to use it with Lube-Shuttle® Cartridges		
Lube-Shuttle® Cartridges-Adaptor (Fuchs or KAJO to 1" Lube-Shuttle)		31 090 04	
Lube-Shuttle® Cartridges-Adaptor (Lincoln/SKF to 1" Lube-Shuttle)		31 091 03	
Lube-Shuttle® Refill-Adapter-Set	Lube-Shuttle Cartridge Refill adaptor for use with MATO ecoFILL and pneMATO-fill filler pumps, with threaded adaptor and 5 yellow screw caps, for sealing cartridges after refilling.		
Simple and clean refilling of empty cartridges !			
Refill-Adapter-Set Lube-Shuttle®		31 150 50	
Pneumatic Filler Pump pneMATO-fill	Filler Pump with high output for clean and quick filling of Lube-Shuttle® cartridges (using Refill-Adaptor) or Grease Guns with Filler Point (such as MATO E500, TG-500 and DF-500).		
pneMATO-fill-10-d for 10 kg Kegs, Inner-Ø 215-230 mm		33 710 50	
pneMATO-fill-15-d for 15 kg Kegs, Inner-Ø 255-282 mm		33 715 48	
pneMATO-fill-20-d for 18/20 kg Kegs, Inner-Ø 265-285 mm*		33 720 88	
pneMATO-fill-20-d for 18/20 kg Kegs, Inner-Ø 285-305 mm		33 720 64	
pneMATO-fill-25-d for 25 kg Kegs, Inner-Ø 300-335 mm		33 725 76	
pneMATO-fill-50-d for 50 kg Kegs, Inner-Ø 355-387 mm		33 750 65	
pneMATO-fill-200-d for 200 kg Kegs, Inner-Ø 550-590 mm		33 700 60	






Lube-Shuttle® System-Cartridges

Description	Images and specifications can be subject to change without notice	Part No.		
<p>Lube-Shuttle® Booster-Pack MULTI basic 2M Lithium Multi- Purpose Grease , mineral oil base, for universal application. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion. Basic Data: Base Viscosity: 100 mm² / s (40°C) Temperature Range: -30 to +120°C (short term to +130°C) According to DIN 51502: K2K-30 NLGI Class : 2 Offers good corrosion protection, resistance to oxidation, high mechanical stability and high pressure capabilities.</p>		31 200 23		
<p>Lube-Shuttle® Booster-Pack MULTI PLUS EP-2M Lithium Multi-Purpose Grease, mineral oil base, with Extreme Pressure additives. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion. Compared to MULTI basic, has a higher mechanical stability. Basic Data: Base Viscosity: 180 mm² / s (40°C) Temperature Range: -30 to +130°C (short term to +150°C) According to DIN 51502: KP2K-30 NLGI Class: 2 Offers good corrosion protection, resistance to oxidation, very high mechanical stability and high pressure capabilities.</p>		31 200 30		
<p>Lube-Shuttle® Booster-Pack GRAPHITE 2M GR Graphite Multi-Purpose Grease with Lithium soap, mineral oil base with extreme pressure and anti-wear additives. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion. Basic Data: Base Viscosity: 120 mm² / s (40°C) Temperature Range: -30 to +130°C (short term to +150°C) According to DIN 51502: KFP2K-30 NLGI Class: 2 Good corrosion and oxidation protection properties, high mechanical stability, excellent high pressure characteristics.</p>		31 200 92		
<p>Lube-Shuttle® Booster-Pack HIGH TEMP EP-2L HT Lithium complex High Temperature Grease, mineral oil base with extreme pressure and anti-wear additives. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion. Good corrosion and oxidation protection properties, outstanding mechanical stability, good high pressure characteristics. Basic Data: Base Viscosity: 200 mm² / s (40°C) Temperature Range: -30 to +150°C (short term to +200°C) According to DIN 51502: KP2-3N-30 NLGI Class: 2-3</p>		31 201 22		
<p>Lube-Shuttle® Booster-Pack PROTECT EP-2L WR Semi Synthetic Calcium base Grease with extreme pressure and anti-wear additives, anti-oxidants and corrosion inhibitors. This grease, of the highest quality, combines excellent water resistance and a high adhesion factor. Basic Data: Base Viscosity: 1300 mm² / s (40°C) Temperature Range: -30 to +120°C (short term to +125°C) According to DIN 51502: KHCP2K-20 NLGI Class: 2 Excellent water resistance and adhesion properties, extreme pressure, excellent corrosion protection and outstanding mechanical stability.</p>		31 201 60		



Side Lever Grease Guns

Description	Images and specifications can be subject to change without notice	Part No.		
MATO All Steel Grease Gun E503				
Business Class Model, short stroke action, metered delivery, permanent spring load system. Working pressure over 400 bar / 5,800 psi, maximum pressure capability 800 bar / 11,600 psi approx. TÜV, DLG, BLT approved. according to DIN 1283, packed in poly bag for 400 g cartridges or 500 g bulk fill				
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> For more information on our range of hoses, please refer to page 20 </div>				
E503 without accessories, Thread M10x1		30 520 03		
E503 without accessories, Thread 1/8		30 510 06		
E503 with rigid tube E4024, Thread M10x1		30 521 02		
E503 with rigid tube E4024, Thread 1/8		30 511 05		
E503 with 300 mm High Pressure Nylon Hose PH-30C , multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø - 9 mm, with 4-jaw hydraulic coupler				
E503 with hose PH-30C, Thread M10x1		30 522 01		
E503 with hose PH-30C, Thread 1/8"		30 512 04		
E503 with 300 mm extra safe Rubber Hose RH-30C , Steel wire braided, burst pressure 1,650 bar / 23,900 psi, Ø - 13 mm, with 4-jaw hydraulic coupler				
E503 with hose RH-30C, Thread M10x1		30 523 00		
E503 with hose RH-30C, Thread 1/8"		30 513 03		
MATO All Steel Grease Gun E500				
First-Class Model, short stroke action, metered delivery, permanent spring load system, combined filler nipple/air venting valve, ergonomic hand grip. Working pressure over 400 bar / 5,800 psi, maximum pressure capability 800 bar / 11,600 psi approx. TÜV, DLG, BLT approved. according to DIN 1283, packed in display carton for 400 g cartridges or 500 g bulk fill				
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> For more information on our range of hoses, please refer to page 20 </div>				
E500 without accessories, Thread M10x1		30 420 04		
E500 without accessories, Thread 1/8"		30 410 07		
E500 with steel tube E4024, Thread M10x1		30 421 03		
E500 with steel tube E4024, Thread 1/8"		30 411 06		
E500 with 300 mm High Pressure Nylon Hose PH-30C , multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø - 9 mm, with 4-jaw hydraulic coupler				
E500 with hose PH-30C, Thread M10x1		30 422 02		
E500 with hose PH-30C, Thread 1/8"		30 412 05		
E500 with 300mm extra safe Rubber Hose RH-30C , Steel wire braided, burst pressure 1,650 bar / 23,900 psi, Ø-13mm, and 4-jaw hydraulic coupler				
E500 with hose RH-30C, Thread M10x1		30 423 01		
E500 with hose RH-30C, Thread 1/8"		30 413 04		
MATO All Steel Grease Gun E600				
First-Class Model, short stroke action, metered delivery, permanent spring load system, combined filler nipple/air venting valve, ergonomic hand grip, for 500 g cartridges or 600 g bulk fill, packed in plain carton				
E600M Thread M10 x 1		30 426 08		
E600R Thread 1/8"		30 416 01		
MATO Grease Gun with Pressure Gauge				
see E503 with handgrip, short stroke action, metered delivery, permanent spring load system, thread 1/8" with pressure gauge (0-400 bar/ 0-5,800 psi)				
MATO Grease Gun with pressure gauge, without accessories		30 526 90		











Description	Images and specifications can be subject to change without notice	Part No.		
MATO Lubrication Kit E480	Grease Gun E500, Universal adaptor, steel tube E4024 and extra safe rubber hose, supplied with 4 jaw hydraulic coupler, rigid tube for driveshaft F4020, each with snap-on coupling, rigid tube with slide-on connector, conical and universal connector. Supplied in carry-along case.			
Lubrication Kit E480		30 330 40		
Oil and Fluid Grease Gun E476	Equipped with special air release valve, piston designed for oil, 500 cc capacity, short stroke action, packed in carton.			
Hydraulic connectors include a back lash valve.				
E476M without accessories, Thread M10x1		30 700 52		
E476R without accessories, Thread 1/8"		30 700 76		
E476M with rigid tube E4024, Thread M10x1		30 701 20		
E476R with rigid tube E4024, Thread 1/8"		30 701 44		
E476M with hose RH-30C, Thread M10x1		30 702 36		
E476R with hose RH-30C, Thread 1/8"		30 702 50		
Suction and Filling Gun S400/1	Suction and filling gun with double inner piston and flexible plastic suction hose (300 mm)			
S400/1		34 600 82		
Double Action Filling Gun SFP 500	Double action hand gun for fuel oil, mineral, synthetic and food safe oils, anti-freeze and coolants, petroleum etc., with suction and filling hose (500 mm)			
SFP - 500		34 600 20		
One Hand Grease Gun TG120	Robust one hand gun for grease up to NLGI 2, with combined filler nipple/air venting valve, rigid tube (can be fitted horizontally or vertically) and 4-jaw hydraulic connector R1/8", capacity 130 cc, maximum pressure up to 200 bar /2,900 psi. Can be filled from drum/bucket with filler pump or by suction from grease pails.			
TG120 with rigid tube and 4-jaw hydraulic connector		32 120 70		

Description	Images and specifications can be subject to change without notice	Part No.	20	
Pistol Grip Grease Gun Kit TG-500	For 400 g cartridges or 500 g bulk fill, with combined air release valve/filler point, (for use with filler pumps), pressure capability approx. 300 bar, zinc plated, packed in carton. For accessories see below		20	
New ergonomically engineered <i>Heavy-Duty</i> design, delivery rigid tube can be fitted either horizontally or vertically, thereby ensuring optimal access to even difficult to reach lubrication spots.	TG-500-S with rigid tube , Thread M10x1	32 101 06		
TG-500-S with rigid tube , Thread 1/8"	32 101 20	32 101 20		
With 300 mm High Pressure nylon hose PH-30C , multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø - 9 mm, with 4 jaw hydraulic coupler	TG-500-F with hose PH-30C , Thread M10x1	32 103 04		
TG-500-F with hose PH-30C , Thread 1/8"	32 103 28	32 103 28		
With 300 mm extra safe Rubber Hose RH-30C , Steel wire braided, burst pressure 1,650 bar / 23,900 psi, Ø - 13mm with 4 jaw hydraulic coupler	TG-500-F with hose RH-30C , Thread M10x1	32 102 05		
TG-500-F with hose RH-30C , Thread 1/8"	32 102 29	32 102 29		
MATO-One Hand Air Operated Grease Gun DF	For use with standard grease cartridges 400 g, filler pump or bulk fill, connecting thread 1/8", for greases up to NLGI 2, DIN 51818, Single shot system (1 cc / stroke), pressure ratio 60:1, air pressure from 3 to max. 8 bar, maximum working pressure 480 bar / 6,950 psi			
DF 500 mit rigid tube E4024 , Thread M10x1	34 101 55	34 101 55		
DF 500 with rigid tube E4024 , Thread 1/8"	34 100 01	34 100 01		
DF 501 mit rubber hose RH-30C , Thread M10x1	34 101 79	34 101 79		
DF 501 with rubber hose RH-30C , Thread 1/8"	34 100 56	34 100 56		
MATO-One Hand Air Operated Oil Gun DFO	Technical data as above but with oil tight inner piston. Accessory set includes hydraulic connector with non-return valve			
Air Operated Oil Gun DFO 500 , Rigid tube	34 101 00	34 101 00		
Air Operated Oil Gun DFO 501 , Rubber hose RH-30C	34 101 24	34 101 24		
Pull-Off-Grease Cartridges 400g - DIN 1284	Pull-Off-Grease Cartridges according to DIN 1284 Diameter: max. 53.50 mm Length: 235 mm			
Specification of grease	Multi basic 2M, MULTI Plus EP-2M und GRAPHITE 2M GR see page 11			
MATO recommends empty cartridges of MBP-France: www.mbp-plastics.com			24	
Pull-Off-Grease Cartridges 400 g MULTI basic 2M K2K-30	31 000 18	31 000 18		
Pull-Off-Grease Cartridges 400 g MULTI Plus EP-2M KP2K-30	31 001 24	31 001 24		
Pull-Off-Grease Cartridges 400 g GRAPHITE 2M GR KFP2K-30	31 002 09	31 002 09		













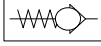

For more information on our range of hoses please see page 20

Description	Part No.	Image
<p>Accu-Greaser 14.4-S Ni-Cd</p> <p>Robust 14.4V Battery Operated Grease Gun with filler nipple/air venting valve for 400 g standard cartridges or 500 g bulk fill. A powerful DC motor drive, with planetary gearbox and reciprocating piston yields up to 400 bar of grease pressure. The maximum pressure is limited by an inbuilt relief valve.</p> <p>Description: Battery Operated Grease Gun, 14.4V Ni-Cd battery, 1,500mAh, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (1 hour charge time), high pressure rubber hose 750 mm (burst pressure 1,650 bar) with 4-jaw hydraulic coupler R1/8" in carry-along case with space for spare battery and a grease cartridge.</p>	<p>34 258 52</p>	
<p>Accu-Greaser 14.4-S Li-Ion</p> <p>Robust 14.4V Battery Operated Grease Gun with filler nipple/air release valve for 400 g standard cartridges or 500 g bulk fill. A powerful DC motor drive, with planetary gearbox and reciprocating piston yields up to 400 bar of grease pressure. Maximum pressure is limited by an inbuilt relief valve.</p> <p>Description: Battery Operated Grease Gun, 14.4V Li-Ion battery, 3,000mAh, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (1,5 hour charge time), High pressure rubber hose 750 mm (burst pressure 1,650 bar) with 4-jaw hydraulic coupler R1/8" in carry-along case with space for spare battery and grease cartridge.</p>	<p>34 271 15</p>	 <p style="text-align: center;">double power</p>
<p>Spare Battery for Accu-Greaser 14.4-S + LS Ni-Cd</p> <p>High Power Ni-Cd Battery 14.4V DC, 1,500mAh Charging time: 1 hour approx.</p>	<p>34 259 06</p>	
<p>Spare Battery for Accu-Greaser 14.4-S + LS Li-Ion</p> <p>More powerful Li-Ion-Battery 14.4 DC / 3.000 mAh, with double power as compared to Ni-Cd version. Must be charged only with Li-Ion charger. Charging time: 1,5 hour approx.</p>	<p>34 274 05</p>	 <p style="text-align: center;">double power</p>
<p>Chargers for Accu-Greaser 14.4-S + LS</p> <p>Battery Charger with overload protection 14.4 DC, ON/OFF LED monitoring lamp, fast-charge function, 2 m cable</p> <p>Caution: Please select your charger according to your spare battery (Ni-Cd or Li-Ion)!</p>		
<p>Charger 230V AC 50 Hz for Accu-Greaser 14.4-S + LS Ni-Cd</p>	<p>34 259 20</p>	
<p>Charger 12V - 24V DC for Accu-Greaser 14.4-S + LS Ni-Cd</p>	<p>34 259 68</p>	
<p>Charger 110V - 230V AC 50 Hz for Accu-Greaser 14.4-S + LS Li-Ion</p>	<p>34 275 04</p>	
<p>Charger 12V - 24V DC for Accu-Greaser 14.4-S + LS Li-Ion</p>	<p>34 257 77</p>	

Description	Images and specifications can be subject to change without notice		Part No.		
MATO Grease Gun Connectors					
Conical Connector for D-Grease fittings M10 x 1			32 400 42		
Conical Connector for D-Grease fittings R1/8"			32 400 28		
Pointed Connector M10x1 2-part		e.g. for	32 400 80		
Pointed Connector R1/8" 2-part		Chainsaws	32 400 66		
Universal Connector for K+H Grease fittings M10 x 1			32 401 41		
Universal Connector for K+H Grease fittings R 1/8"			32 401 03		
MATO 4-Jaw Hydraulic Connector					
Heavy duty quality connector DIN 1283 for grease fittings DIN 71412, with hardened jaws for optimal sealing, hexagon 15 mm					
4-Jaw Hydraulic Connector M10 x 1			32 438 07		
4-Jaw Hydraulic Connector R1/8"			32 438 21		
4-Jaw Hydraulic Connector M10 x 1			32 438 14		
4-Jaw Hydraulic Connector R1/8"			32 438 38		
4-Jaw Hydraulic Connector M10 x 1			32 438 45		
4-Jaw Hydraulic Connector R1/8"			32 438 52		
MATO 4-Jaw Hydraulic Connector with back-lash valve					
High quality hydraulic connector, DIN 1283, for use with grease nipples type H, DIN 71412. Machined and hardened jaws for optimum leak proof operation. Hexagon 15mm A/F. Integral back-lash valve permits high pressure performance, even with soft greases and oils of lower viscosity.					
4-Jaw Hydraulic Connector with non-return valve, M10x1			32 440 02		
4-Jaw Hydraulic Connector with non-return valve, R1/8"			32 440 40		
MATO Hook-on Connectors f. Button Head Fittings					
Hook-on Connector SK-10M10 (M10 x 1 / 10 mm)			32 410 01		
Hook-on Connector SK-10R8 (R1/8" / 10 mm)			32 410 25		
Hook-on Connector SK-16M10 (M10 x 1 / 16 mm)			32 416 05		
Hook-on Connector SK-16R8 (R1/8" / 16 mm)			32 416 29		
Hook-on Connector SK-22M10 (M10 x 1 / 22 mm)			32 422 06		
Hook-on Connector SK-22R8 (R1/8" / 22 mm)			32 422 20		
MATO Swivel					
Straight Swivel M10 x 1			32 425 10		
Straight Swivel R1/8"			32 425 34		
MATO combined filler nipple / air venting valve					
MATO - combined filler nipple / air venting valve for grease gun E503 / E 500 / E600					
MATO combined filler nipple/air venting valve ø 9mm DIN 1283			30 990 60		
MATO conical filler nipple (Suisse type)			30 991 07		
MATO giant filler nipple, ø 15 mm			30 992 06		
MATO Spring for one hand grease gun					
Spring for one hand grease guns TG 500 and for TG Lube-Shuttle®					
Spring for TG500 und TG Lube-Shuttle®			30 920 16		

Description	Images and specifications can be subject to change without notice	Part No.	
Grease-Gun-Accessories-Set 5-pcs.	equipped with: high-pressure plastic hose PH-30 or safety rubber hose RH-30, 4-jaw hydraulic connector, angled delivery tube 150 mm universal connector for H- und K-Grease fittings, pointed connector for D-fittings packed in poly bag with Head-Card		
Grease-Gun-Accessories-Set with PH-30C M10x1		32 600 40	
Grease-Gun-Accessories-Set with PH-30C R1/8"		32 600 64	
Grease-Gun-Accessories-Set with RH-30C M10x1		32 601 49	
Grease-Gun-Accessories-Set with RH-30C R1/8"		32 601 63	
Angle Adaptor eco	for 4-jaw-hydraulic-connector		
for simple and secure conversion of a 4-jaw hydraulic-connector to a 90 degree angle. Lubricate even in confined spaces			
Angle Adaptor eco, Thread M10x1		32 450 09	
Angle Adaptor eco, Thread R1/8"		32 450 30	
Angle Adaptor deluxe with Straight-Swivel	for 4-jaw-hydraulic-connector		
The straight swivel always guarantees the correct working position of the 4-jaw hydraulic-connector. Recommended especially for use with high-pressure hoses.			
Angle Adaptor deluxe, Thread M10x1		32 451 08	
Angle Adaptor deluxe, Thread R1/8"		32 451 46	
Fixing Clip for Grease Guns	Fixing Clip for Grease Guns		
and other devices with a tube of 56 mm dia.			
Suitable for universal attachment to the workplace			
Fixing Clip for Grease Guns		32 460 75	
Fixing Clip for Grease Guns with Magnetic Bracket	Fixing Clip for Grease Guns		
with magnetic bracket (permanent magnet)			
for Grease Guns and other devices with a tube of 56 mm dia.			
Suitable for universal attachment on magnetic surfaces			
Fixing Clip for Grease Guns with magnetic bracket		32 460 44	
Pressure Relief Valve for Grease Guns	ideal for use in confined spaces where disconnecting the		
grease gun connector is difficult. After the relief valve is opened			
and the stored pressure is relieved, the 4 jaw hydraulic coupler			
can be detached from the grease fitting with ease			
- safer method of disconnecting from the grease fitting			
- extended life for the 4-jaw hydraulic connector			
Pressure relief valve, Thread M10x1		32 453 20	
Pressure relief valve, Thread R1/8"		32 453 44	
Flow Indicator for Grease Guns	for easy, safe and reliable monitoring of the grease flow.		
An internal magnet, driven forward by the grease flow,			
moves steel indicator balls to show grease movement			OUT
Please note the flow direction!			IN
Flow indicator for Grease Guns, Thread M10x1		35 416 68	
Flow indicator for Grease Guns, Thread R1/8"		35 416 82	

Delivery Tubes and Injectors

Description	Images and specifications can be subject to change without notice	Part No.		
Delivery Tubes with Snap-on Coupling				
for safe connection to a 4-jaw hydraulic connector by grease connector and sliding connector				
Delivery tube with snap-on coupling F12 with conical connector		32 405 30		
Delivery tube with snap-on coupling F14 with universal connector		32 405 54		
Delivery tube with snap-on coupling F17 with hook-on connector SK 10		32 405 61		
Delivery tube with snap-on coupling F15 with hook-on connector SK 16		32 405 78		
Delivery tube with snap-on coupling F16 with hook-on connector SK 22		32 405 85		
Delivery tube with snap-on coupling for driveshafts, tube Ø 8 mm		32 405 92		
Lube Injector				
For injection of oil or grease e.g. into bearings or oil seals				
For coupling to MATO 4-jaw hydraulic connector				
Lube Injector-S with grease fitting		32 408 20		
Lube Injector-D with snap-on coupling		32 408 44		
E4014 Angled Delivery Tube 150 mm with universal connector				
Delivery tube with universal connector, Thread M10 x 1		32 404 48		
Delivery tube with universal connector, Thread R1/8"		32 404 24		
E4012 Angled Delivery Tube 150 mm with universal connector				
Delivery tube with universal connector, Thread M10 x 1		32 403 49		
Delivery tube with universal connector, Thread R1/8"		32 403 25		
E4024 Angled Delivery Tube 150 mm with 4-jaw hydraulic connector				
Delivery tube with 4-jaw hydraulic connector, Thread M10 x 1		32 402 02		
Delivery tube with 4-jaw hydraulic connector, Thread R1/8"		32 402 19		
Angled Delivery Tube 150 mm with non-return valve				
prevents leakage of oil and grease with low viscosity				
Delivery tube with 4-jaw hydraulic connector, Thread M10x1		32 402 64		
Delivery tube with 4-jaw hydraulic connector, Thread R1/8"		32 402 71		
Delivery Tube Straight 150 mm with 4-jaw hydraulic connector				
Delivery tube with 4-jaw hydraulic connector, Thread M10 x 1		32 406 46		
Delivery tube with 4-jaw hydraulic connector, Thread R1/8"		32 406 53		

Description	Images and specifications can be subject to change without notice		Part No.
MATO High Pressure Nylon Hoses			
Multiple braid, h.p. nylon hose ø 9 mm, Burst pressure 1,000 bar 14,450 psi, hex. end fittings for safe connection to grease gun			
PH-30 300 mm Thread M10 x 1 DIN 1283			32 530 04
PH-30 300 mm Thread R1/8"			32 530 11
PH-50 500 mm Thread M10 x 1 DIN 1283			32 550 08
PH-50 500 mm Thread R1/8"			32 550 15
MATO High Pressure Nylon Hoses with 4-jaw hydraulic connector			
Nylon hose as above, but compl. with 4-jaw hydraulic connector (mach. and hardened jaws).			
PH-30C 300 mm Thread M10 x 1 DIN 1283			32 540 01
PH-30C 300 mm Thread R1/8"			32 540 18
PH-50C 500 mm Thread M10 x 1 DIN 1283			32 552 06
PH-50C 500 mm Thread R1/8"			32 552 13
MATO High Pressure Rubber Hoses			
High pressure safety rubber hose ø 13 mm, burst pressure 1,650 bar / 23,900 psi (steel wire reinforced), hexagonal end fittings for safe connection to grease gun			
RH-30 300 mm Thread M10 x 1 DIN 1283			32 560 05
RH-30 300 mm Thread R1/8"			32 560 12
RH-50 500 mm Thread M10 x 1 DIN 1283			32 570 02
RH-50 500 mm Thread R1/8"			32 570 19
RH-100 1 m Thread M10 x 1			32 588 70
RH-100 1 m Thread R1/8"			32 589 00
MATO High Pressure Rubber Hoses with 4-jaw hydraulic connector			
High pressure rubber hose ø 13 mm as above, but compl. with 4-jaw hydraulic connector (mach. and hardened jaws)			
RH-30C 300mm Thread M10 x 1 DIN 1283			32 562 03
RH-30C 300mm Thread R1/8"			32 562 10
RH-50C 500mm Thread M10 x 1 DIN 1283			32 580 09
RH-50C 500mm Thread R1/8"			32 580 16
RH-100C 1 m Thread M10 x 1			32 590 20
RH-100C 1 m Thread R1/8"			32 590 44
MATO High Pressure Rubber Hoses 300 mm with Hook-on Connector for Button Head Nipples			
RH-30SK16 300 mm with hook-on connector, SK-16 M 10 x 1			32 566 78
RH-30SK16 300 mm with hook-on connector, SK-16 1/8"			32 566 92
High Pressure Rubber Hose 300 mm with Snap-on Coupling and 4 Jaw Hydr. Connector			
RH-30C with 4-jaw hydraulic connector			32 540 49

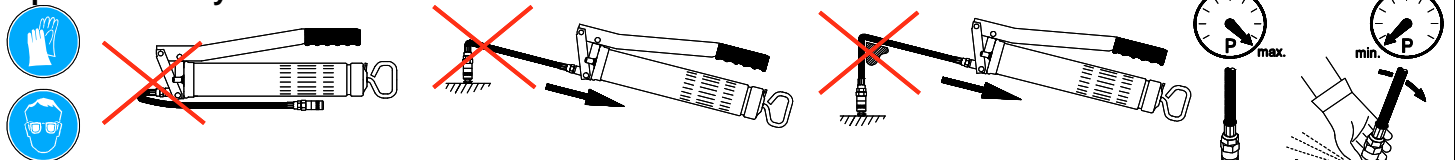
1.000 bar
14.450 psi



1.650 bar
23.900 psi



Important Safety Notice:



Do never point parts which are under high pressure at individuals, animals or other objects !
 MATO quality lubrication equipment can reach hydraulic pressure rates of up to 1.000 bar (14,450psi). For safety reasons we strongly recommend the use of our high-pressure rubber hose assemblies (double steel wire reinforced) with a burst pressure of 1,650 bar (23,800 psi). Do not bend or twist hoses by force ! The min. bend radius is 50 mm. Prior to use, check hoses carefully for traces of wear or leakage and replace items in case they appear damaged. Both nylon and rubber hoses are subject to the effects of ageing, replace hoses after a period of three years. Do never use pliers or pipe grips in the area of the end fitting, use spanners or wrenches of the correct size on the hexagonal end fittings only.

General advice: use original MATO accessories to avoid unnecessary risks or injuries !

Push Type Guns for Grease or Oil, Drip Feed Lubricators

Description	Images and specifications can be subject to change without notice		Part No.
High Pressure Push Type Grease Guns			
High pressure push type grease guns, compact size, supplied with universal and conical connectors, red protection cap			
PT-40C-2 Powder coated black, with telescopic tube PG-150-2 Powder coated black, with rigid tube			
	PT 40	PG 150	
Capacity cc:	40	150	
Max. Press. bar/psi:	100	150	
ø approx. mm:	32	40	
Length mm:	180/230	240	
Weight grm:	260	250	
High pressure push type gun PT 40C-2, 40 cc, M10x1			32 604 08
High pressure push type gun PG 150-2, 150 cc, M10x1			32 615 66
High Pressure Push Gun for Oil/Fluid Grease			
Special push type gun for oil, petroleum, aerosols and oil containing additives, black powder coated with rigid tube and piston, pressure capability to 150 bar (2,200 psi). Output 0.5 cc/stroke with universal and conical connector with yellow protection cap			
Technical Specification as PG 150-2			
Push type gun PO 150-2 for Oil, 150 ccm, M10x1			32 615 80
High Pressure Push Type Grease Guns			
High pressure push type grease guns, compact size, supplied with universal and conical connectors, red protection cap and telescopic tube			
	PT 80	PT 150	PT 300
Capacity cc:	80	150	300
Max. Press. bar/psi:	200	200	200
ø approx. mm:	37	37	47
Length mm:	150/220	220/350	260/430
Weight grm	290	420	605
Thread: M10x1			
High pressure push type gun PT 80 -2, M10x1			32 608 04
High pressure push type gun PT150 -2, M10x1			32 615 04
High pressure push type gun PT300 -2, M10x1			32 630 03
Filler Unit for Push Type Grease Guns "PT"			
Filler unit for series of push type guns "PT" (with telescopic tube) suitable together with filler pump "eco-FILL"			
Filler unit for push type grease guns "PT"			32 650 07
Drip Feed Lubricator "Unikum"			
Adjustable drip rate, with shut-off valve. Reservoirs in plexiglas (Types 1-6) and glass (Types 7-9)			
Replacement reservoirs available upon request			
Size 1 1/4"	20 cc, reservoir diameter 32 mm		32 700 18
Size 2 1/4"	38 cc, reservoir diameter 40 mm		32 700 25
Size 3 3/8"	70 cc, reservoir diameter 50 mm		32 700 32
Size 4 3/8"	125 cc, reservoir diameter 60 mm		32 700 49
Size 5 1/2"	220 cc, reservoir diameter 70 mm		32 700 56
Size 6 1/2"	310 cc, reservoir diameter 80 mm		32 700 63
Size 7 3/4"	480 cc, reservoir diameter 90 mm		32 700 70
Size 8 3/4"	660 cc, reservoir diameter 100 mm		32 700 87
Size 9 3/4"	970 cc, reservoir diameter 110 mm		32 700 94



Description		Images and specifications can be subject to change without notice		Part No.	
Hydraulic Grease Nipples DIN 71412A				MPQ	
Quality steel, case hardened, galvanized and passivated. The self tapping versions are yellow chromated, according to DIN.					
H 1 M 6		AF 7		200	32 816 01
H 1 M 8 x 1		AF 9		100	32 818 09
H 1 M 8 x 1,25		AF 9		100	32 818 23
H 1 M 10 x 1		AF 9		100	32 811 06
H1 M 10 x 1,5		AF11		100	32 817 48
H 1 R 1/8"		AF11		100	32 818 61
H 1 R 1/4"		AF14		100	32 814 03
H 1 SFG 6 x 1		AF 7	self tapp.thread	200	32 816 56
H 1 SFG 8 x 1		AF 9	self tapp.thread	100	32 818 47
H 1 SFG 10 x 1		AF11	self tapp.thread	100	32 811 20
H 1a 6mm			drive fit	200	32 816 87
H 1a 8mm			drive fit	100	32 818 85
H 1a 10mm			drive fit	100	32 811 51
Hydraulic Grease Nipples DIN 71412B				MPQ	
H 2 M 6		AF 9		100	32 826 08
H 2 M 8 x 1		AF 9		100	32 828 06
H 2 M 8 x 1,25		AF 9		100	32 828 20
H 2 M 10 x 1		AF11		100	32 820 04
H 2 M 10 x 1,5		AF11		100	32 827 45
H 2 R 1/8"		AF11		100	32 828 68
H 2 R 1/4"		AF14		50	32 824 00
H 2 SFG 6 x 1		AF 9	self tapp.thread	100	32 826 53
H 2a 6mm		AF 9	drive fit	100	32 826 84
H 2a 8mm		AF 9	drive fit	100	32 828 82
Hydraulic Grease Nipples DIN 71412C				MPQ	
H 3 M 6		AF 9		100	32 836 05
H 3 M 8 x 1		AF 9		100	32 838 03
H 3 M 8 x 1,25		AF 9		100	32 838 27
H 3 M 10 x 1		AF11		100	32 830 01
H 3 M 10 x 1,5		AF11		100	32 837 42
H 3 R 1/8"		AF11		100	32 838 65
H 3 R 1/4"		AF14		50	32 834 07
H 3 SFG 6 x 1		AF 9	self tapp.thread	100	32 836 50
H 3a 6mm		AF 9	drive fit	100	32 836 81
H 3a 8mm		AF 9	drive fit	100	32 838 89
Button-Head-Grease Nipple M DIN 3404				MPQ	
M 1 M 6 x 1		AF17	head-Ø 16 mm	100	32 847 25
M 1 M 8 x 1		AF17	head-Ø 16 mm	50	32 848 17
M 1 M 10 x 1		AF17	head-Ø 16 mm	50	32 840 15
M 1 R 1/8"		AF17	head-Ø 16 mm	50	32 848 31
M 1 R 1/4"		AF17	head-Ø 16 mm	50	32 844 04
M 4 M 8 x 1		AF11	head-Ø 10 mm	100	32 848 55
M 4 M 10 x 1		AF11	head-Ø 10 mm	100	32 840 53
M 22 M 16 x 1,5		AF22	head-Ø 22 mm	50	32 841 07
M 22 R 1/4"		AF22	head-Ø 22 mm	50	32 841 21
M 22 R 3/8"		AF22	head-Ø 22 mm	50	32 841 45
Flush Type Grease Nipple D DIN 3405				MPQ	
D 1 M 6		AF 7		200	32 856 09
D 1 M 8x1		AF 9		100	32 858 08
D 1 M 10 x 1		AF11		100	32 850 12
D 1 R 1/8"		AF11		100	32 858 21
D 1a 6mm			drive fit	200	32 856 47
D 1a 8mm			drive fit	100	32 858 45



Description		Images and specifications can be subject to change without notice		Part No.	
Hydraulic Grease Nipples DIN 71412A				MPQ	
Quality steel, case hardened, galvanized and passivated. The self tapping versions are yellow chromated, according to DIN.					
H 1 M 6		AF 7		5.000	32 816 18
H 1 M 8 x 1		AF 9		3.000	32 818 16
H 1 M 8 x 1,25		AF 9		3.000	32 818 30
H 1 M 10 x 1		AF11		2.000	32 811 13
H1 M 10 x 1,5		AF11		1.000	32 811 75
H 1 R 1/8"		AF11		2.000	32 818 78
H 1 R 1/4"		AF14		1.000	32 814 10
H 1 SFG 6 x 1		AF 7	self tapp.thread	5.000	32 816 63
H 1 SFG 8 x 1		AF 9	self tapp.thread	3.000	32 818 54
H 1 SFG 10 x 1		AF11	self tapp.thread	2.000	32 811 37
H 1a 6mm			drive fit	5.000	32 816 94
H 1a 8mm			drive fit	3.000	32 818 92
H 1a 10mm			drive fit	3.000	32 811 68
Hydraulic Grease Nipples DIN 71412B				MPQ	
H 2 M 6		AF 9		2.000	32 826 15
H 2 M 8 x 1		AF 9		2.000	32 828 13
H 2 M 8 x 1,25		AF 9		2.000	32 828 37
H 2 M 10 x 1		AF11		500	32 820 11
H 2 M 10 x 1,5		AF11		500	32 820 28
H 2 R 1/8"		AF11		500	32 828 75
H 2 R 1/4"		AF14		300	32 824 17
H 2 SFG 6 x 1		AF 9	self tapp.thread	1.500	32 826 60
H 2a 6mm		AF 9	drive fit	1.500	32 826 91
H 2a 8mm		AF 9	drive fit	1.500	32 828 99
Hydraulic Grease Nipples DIN 71412C				MPQ	
H 3 M 6		AF 9		2.000	32 836 12
H 3 M 8 x 1		AF 9		2.000	32 838 10
H 3 M 8 x 1,25		AF 9		2.000	32 838 34
H 3 M 10 x 1		AF11		500	32 830 18
H 3 M 10 x 1,5		AF11		500	32 830 25
H 3 R 1/8"		AF11		500	32 838 72
H 3 R 1/4"		AF14		300	32 834 14
H 3 SFG 6 x 1		AF 9	self tapp.thread	1.500	32 836 67
H 3a 6mm		AF 9	drive fit	1.500	32 836 98
H 3a 8mm		AF 9	drive fit	1.500	32 838 96
Button-Head-Grease Nipple M DIN 3404				MPQ	
M 1 M 6 x 1		AF17	head-Ø 16 mm	500	32 847 32
M 1 M 8 x 1		AF17	head-Ø 16 mm	500	32 848 24
M 1 M 10 x 1		AF17	head-Ø 16 mm	500	32 840 22
M 1 R 1/8"		AF17	head-Ø 16 mm	500	32 848 48
M 1 R 1/4"		AF17	head-Ø 16 mm	500	32 844 11
M 4 M 8 x 1		AF11	head-Ø 10 mm	2000	32 848 62
M 4 M 10 x 1		AF11	head-Ø 10 mm	500	32 840 60
M 22 M 16 x 1,5		AF22	head-Ø 22 mm	1000	32 841 14
M 22 R 1/4"		AF22	head-Ø 22 mm	1000	32 841 38
M 22 R 3/8"		AF22	head-Ø 22 mm	1000	32 841 52
Flush Type Grease Nipple D DIN 3405				MPQ	
D 1 M 6		AF 7		500	32 856 16
D 1 M 8x1		AF 9		500	32 858 14
D 1 M 10 x 1		AF11		500	32 850 29
D 1 R 1/8"		AF11		500	32 858 38
D 1a 6mm			drive fit	1.000	32 856 54
D 1a 8mm			drive fit	500	32 858 52



Description	Images and specifications can be subject to change without notice		Part No.
Hydraulic Grease Nipples DIN 71412A	MPQ		
Quality steel, zinc plated, case hardened, passivated packed in poly bag with Header-Card			
H 1 M 6 AF 7	10	32 800 55	
H 1 M 8 x 1 AF 9	10	32 800 93	
H 1 M 8 x 1,25 AF 9	10	32 801 16	
H 1 M 10 x 1 AF 11	10	32 801 30	
H 1 M 10 x 1,5 AF 11	10	32 801 78	
H 1 R 1/8" AF 11	10	32 800 79	
Hydraulic Grease Nipples DIN 71412B	MPQ		
H 2 M 6 AF 9	10	32 820 66	
H 2 M 8 x 1 AF 9	10	32 820 80	
H 2 M 8 x 1,25 AF 9	10	32 821 27	
H 2 M 10 x 1 AF 11	10	32 821 58	
H 2 M 10 x 1,5 AF 11	10	32 821 72	
H 2 R 1/8" AF 11	10	32 821 65	
Hydraulic Grease Nipples DIN 71412C	MPQ		
H 3 M 6 AF 9	10	32 835 99	
H 3 M 8 x 1 AF 9	10	32 839 33	
H 3 M 8 x 1,25 AF 9	10	32 839 95	
H 3 M 10 x 1 AF 11	10	32 830 32	
H 3 M 10 x 1,5 AF 11	10	32 839 57	
H 3 R 1/8" AF 11	10	32 839 88	
Plastic Covers for Grease Nipples	MPQ		
Plastic covers for grease nipples to DIN 71412			
Plastic covers red for grease nipples	100	32 861 25	
Plastic covers yellow for grease nipples	100	32 861 01	
Grease Nipple Selection MINI	MPQ		
Assortment MINI contains 90 pcs grease nipples, composed of:			
H1 20 x M6x1 / 20 x M8x1 / 20 x M10x1			
H2 10 x M6x1 / 10 x M8x1 / 10 x M10x1			
Grease Nipple Selection MINI	1	32 800 31	
Grease Nipple Selection MIDI	MPQ		
Assortment MIDI contains 130 pcs grease nipples, composed of:			
H1 10 x M6x1 / 20 x M8x1 / 20 x R1/8" / 20 x M10x1			
H1 5 x R1/4" / 10 x H1a 6mm / 10 x H1a 8mm			
H2 2 x M8x1 / 5 x M10x1 / 5 x R1/8" / 5 x R1/4"			
H3 3 x M8x1 / 5 x M10x1 / 5 x R1/8" / 5 x R1/4"			
Grease Nipple Selection MIDI	1	32 800 00	
Grease Nipple Selection MAXI	MPQ		
Assortment MAXI contains 440 pcs grease nipples, composed of:			
H1 80 x M6x1 / 50 x M8x1 / 40 x M10x1			
H1 40 x R1/8" / 10 x R1/4"			
H2 30 x M6x1 / 30 x M8x1 / 20 x M10x1 / 20 x R1/8"			
H3 25 x M6x1 / 25 x M8x1 / 20 x M10x1 / 20 x R1/8"			
H2 10 x R1/4" / H3 10 x R1/4" / M1 10 x M10x1			
Grease Nipple Selection MAXI	1	32 800 24	

Hydraulic Grease Nipples, zinc plated and case hardened




Description	Images and specifications can be subject to change without notice		Part No.	
Stainless Steel Hydraulic Grease Fittings				
MPQ				
according DIN 71412A				
in small size packaging				
Material body: 1.4305 / AISI 303 / V2A				
H 1 M 6 AF 7	20	32 817 00		
H 1 M 8 x 1 AF 9	10	32 819 08		
H 1 M 8 x 1,25 AF 9	10	32 819 46		
H 1 M 10 x 1 AF 11	10	32 812 05		
H 1 R 1/8" AF 11	10	32 819 77		
H 1 R 1/4" AF 14	5	32 814 96		
Stainless Steel Hydraulic Grease Fittings				
MPQ				
according DIN 71412B				
in small size packaging				
Material body: 1.4305 / AISI 303 / V2A				
H 2 M 6 AF 9	20	32 827 07		
H 2 M 8 x 1 AF 9	10	32 829 05		
H 2 M 10 x 1 AF 11	10	32 821 03		
H 2 R 1/8" AF 11	10	32 829 67		
H 2 R 1/4" AF 14	5	32 825 09		
Stainless Steel Hydraulic Grease Fittings				
MPQ				
according DIN 71412C				
in small size packaging				
Material body: 1.4305 / AISI 303 / V2A				
H 3 M 6 AF 9	20	32 837 04		
H 3 M 8 x 1 AF 9	10	32 839 02		
H 3 M 10 x 1 AF 11	10	32 831 00		
H 3 R 1/8" AF 11	10	32 839 64		
H 3 R 1/4" AF 14	5	32 835 06		
Stainless Steel Hydraulic Grease Fittings				
MPQ				
according DIN 71412A				
in bulk size packaging				
Material body: 1.4305 / AISI 303 / V2A				
H 1 M 6 AF 7	1.000	32 817 17		
H 1 M 8 x 1 AF 9	250	32 819 15		
H 1 M 8 x 1,25 AF 9	250	32 819 39		
H 1 M 10 x 1 AF 11	200	32 812 12		
H 1 R 1/8" AF 11	200	32 819 84		
H 1 R 1/4" AF 14	100	32 815 19		
Stainless Steel Hydraulic Grease Fittings				
MPQ				
according DIN 71412B				
in bulk size packaging				
Material body: 1.4305 / AISI 303 / V2A				
H 2 M 6 AF 9	200	32 827 14		
H 2 M 8 x 1 AF 9	125	32 829 12		
H 2 M 10 x 1 AF 11	100	32 821 10		
H 2 R 1/8" AF 11	100	32 829 74		
H 2 R 1/4" AF 14	50	32 825 16		
Stainless Steel Hydraulic Grease Fittings				
MPQ				
according DIN 71412C				
in bulk size packaging				
Material body: 1.4305 / AISI 303 / V2A				
H 3 M 6 AF 9	200	32 837 11		
H 3 M 8 x 1 AF 9	125	32 839 19		
H 3 M 10 x 1 AF 11	100	32 831 17		
H 3 R 1/8" AF 11	100	32 839 71		
H 3 R 1/4" AF 14	50	32 835 13		

Stainless Steel Fittings
1.4305 / AISI 303 / V2A














Description	Images and specifications can be subject to change without notice	Part No.		
Metal Oil Cans with Rigid and Flexible Spout				
with metal pump mechanism				
Steel body, red paint finish, brass pump mechanism, exchangeable spouts (rigid and flexible)				
Metal oil can, approx. 250 cc (flexible and rigid spout)		33 024 50		
Metal oil can, approx. 450 cc (flexible and rigid spout)		33 045 60		
PREMIUM Oiler HDPE				
with Swivel Suction Pipe				
High-grade oiler for professional use in all maintenance and service areas, containers made of HDPE				
Newly developed, high-quality nickel-plated double pump mechanism with angled, rotating swivel. Oiling in any position possible.				
PREMIUM Oiler HDPE 300cc		33 080 70		
PREMIUM Oiler HDPE 500cc		33 081 00		
PREMIUM Oiler Aluminium				
with Swivel Suction Pipe				
High-grade oiler for professional use in all maintenance and service areas, containers made of Aluminium				
Newly developed, high-quality nickel-plated double pump mechanism with angled, rotating swivel. Oiling in any position possible.				
PREMIUM Oiler Aluminium 300cc		33 090 60		
PREMIUM Oiler Aluminium 500cc		33 091 07		
PREMIUM Fluid Atomizer HDPE				
with Swivel Suction Pipe				
High-grade atomizer for professional use in all maintenance and service areas, containers made of HDPE				
Newly developed, high-quality nickel-plated double pump mechanism with angled, rotating swivel. For atomizing thin oils, petroleum and other fluids in any position possible.				
PREMIUM Fluid Atomizer HDPE 300cc		33 084 45		
PREMIUM Fluid Atomizer HDPE 500cc		33 085 06		
PREMIUM Fluid Atomizer Aluminium				
with Swivel Suction Pipe				
High-grade atomizer for professional use in all maintenance and service areas, containers made of Aluminium				
Newly developed, high-quality nickel-plated double pump mechanism with angled, rotating swivel. For atomizing thin oils, petroleum and other fluids in any position possible.				
PREMIUM Fluid Atomizer Aluminium 300cc		33 094 28		
PREMIUM Fluid Atomizer Aluminium 500cc		33 095 03		

Description	Images and specifications can be subject to change without notice	Part No.	
Pump-Sprayer 750 ml			
Made of polythene, suitable for various chemicals e.g. detergents, solvents and cleaning agents, spray head with adjustable and lockable nozzle		<i>New</i>	
Pump-Sprayer 750 ml with plastic nozzle			33 096 40
Pump-Sprayer 750 ml with brass nozzle		33 098 17	
Industrial Pump-Sprayer			
Industrial pump sprayer made of polythene with pressure relief valve, suitable for various chemicals e.g. detergents, solvents and cleaning agents, spray head with adjustable and lockable brass nozzle			
VITON seals			
Industrial Pump-Sprayer 1 Liter		33 098 00	
Industrial Pump-Sprayer 2 Liter		33 098 48	
Plastic Oil Spray Can			
Transparent Polythene container (SK-PE)			
Type SK-PE 125 with Cap	capacity: 125 cc	33 412 51	
Type SK-PE 250 with Cap	capacity: 250 cc	33 425 00	
Type SK-PE 500 with Cap	capacity: 500 cc	33 450 06	
Oil Dispenser			
Transparent "squeeze" oiler, made of polyethylene			
Mini-Oiler 75 ccm with spout and cap		33 410 08	
Plastic-Oiler 250 ccm with spout and cap		33 410 77	
Mini-Oiler 75 ccm with brass outlet and twist seal		33 410 22	
Universal Sprayer			
Spray flask for various fluids, e.g. distilled water, PE, angled plastic spout.			
Universal Sprayer UNI-PE 500	500 cc	33 405 20	

Plastic-Oil Measures, Jugs and Funnels













Description	Images and specifications can be subject to change without notice		Part No.
Plastic Oil Measuring Jug, graduated	MPQ		
Transparent polypropylene with handle and pouring lip, ml scale Pack quantities (MPQ) subject to change without notice			
Type J-PP 25 0,25 Liter	24	33 300 64	
Type J-PP 50 0,50 Liter	24	33 300 02	
Type J-PP 100 1,00 Liter	15	33 300 19	
Type J-PP 200 2,00 Liter	7	33 300 26	
Type J-PP 300 3,00 Liter	5	33 300 33	
Type J-PP 500 5,00 Liter	8	33 300 57	
Plastic Oil Measuring Jugs Set	MPQ		
Plastic oil measuring jugs set, type J-PP packed in sealed plastic bag			
Type J-PP 0,5 + 1,0 + 2,0 Liter in sealed plastic bag	12	33 300 71	
Type J-PP 1,0 + 2,0 + 5,0 Liter in sealed plastic bag	8	33 300 88	
Polythene Oil Measure	MPQ		
with dust protection lid and flexible spout			
Made of high grade polythene, white, heavy duty with dust protection screw cap and flexible, removeable spout with cap. Fluids are protected against the ingress of pollutants and the cap prevents drips or spillages.			
Type J-PE 1000 1,00 Liter	5	33 200 10	
Type J-PE 2000 2,00 Liter	6	33 200 27	
Type J-PE 5000 5,00 Liter	4	33 200 58	
Polythene Oil Measure Set	MPQ		
with dust protection lid and flexible spout			
Plastic oil measuring set, type J-PE, 1,0 + 2,0 + 5,0 Liter packed in sealed plastic bag and cardboard box			
Polythene Oil Measure Set Typ J-PE	1	33 200 72	
Plastic Funnel with Strainer	MPQ		
Plastic funnel made of heavy duty polythene with screw-on flexible spout			
Plastic Funnel F-HDPE 190	6	33 518 09	
Plastic Funnel F-HDPE 240	4	33 522 02	
Flexible Spout	MPQ		
Flexible spout for PE-oil-measure type J-PE and for plastic funnel with strainer type F-HDPE (page 28)			
Flexible spout for type J-PE 1000+2000 and type F-HDPE 190	1	33 201 02	
Flexible spout for type J-PE 5000 and type F-HDPE 240	1	33 201 26	







Description	Images and specifications can be subject to change without notice		Part No.		
Plastic Funnel without Strainer					
Standardised range with all popular sizes for use in all industries. Material: PP	MPQ				
Plastic Funnel F-PP 75 ∅ 75 mm	10	33 507 03			
Plastic Funnel F-PP 160 ∅ 160 mm	10	33 516 01			
Plastic Funnel F-PP 235 ∅ 235 mm	6	33 524 00			
Plastic Funnel with Strainer					
As described above, with removable Strainer	MPQ				
Plastic Funnel FS-PP 160 with strainer ∅ 160 mm	10	33 516 18			
Plastic Funnel FS-PP 235 with strainer ∅ 235 mm	6	33 524 17			
Plastic Funnel Set					
Plastic Funnel Set - F-PP, oil, petrol and acid-resistant with suspension eye	MPQ				
At 6-piece set incl. one removable strainer for ∅ 160 mm Funnel					
Funnel-Set F-PP-Set 3 ∅ 75/160/235 mm	5	33 512 36			
Funnel-Set F-PP-Set 5 ∅ 50/75/100/120/150 mm	10	33 513 04			
Funnel-Set F-PP-Set 6 ∅ 50/75/100/120/150/160 mm	10	33 513 11			
Plastic Funnel with Detachable Spout					
Plastic Funnel, red, with strainer and flexible screw-on detachable spout.	MPQ				
Funnel FS-PP-F160 (∅ 160 mm) with spout	10	33 516 70			
Funnel FS-PP-F235 (∅ 235 mm) with spout	6	33 523 01			
Flexible Spout for Plastic Funnel					
Flexible Spout for Plastic Funnel	MPQ				
Flexible Spout for Plastic Funnel FS-PP-F160	10	33 535 44			
Flexible Spout for Plastic Funnel FS-PP-F235	10	33 535 82			
Oil Can Funnel					
Useful oil can funnel F-OC with ∅ 115 mm made of polyethylene	MPQ				
Oil can funnel F-OC with ∅ 115 mm	10	33 516 94			
Plastic Funnel with Flap Lid					
Plastic Funnel with stainless steel strainer and lockable flap lid	MPQ				
Suitable for waste oil and chemical disposal Material: PP					
Diameter: 250 mm					
Thread: R2" and 2" TriSure, male					
Funnel FSC-PP-250 (∅ 250 mm) with Flap Lid	1	33 517 00			







Description	Images and specifications can be subject to change without notice	Part No.	
<p>Tin Plate Oil Measure, "graduated"</p> <p>High quality tin plate oil measure, very stable with anti-surge top and funnel-shaped spout, graduated</p> <p>"only for lubricating oils"</p> <p>Type FM-T 500 0,5 Liter 33 105 09</p> <p>Type FM-T 1000 1,0 Liter 33 110 01</p> <p>Type FM-T 2000 2,0 Liter 33 120 08</p>			
<p>Tin Plate Oil Measure, "graduated" with flexible spout</p> <p>High quality tin plate oil measure, very stable with anti-surge top and flexible spout, graduated</p> <p>"only for lubricating oils"</p> <p>Type FMF-T 1000 1,0 Liter 33 110 25</p> <p>Type FMF-T 2000 2,0 Liter 33 120 22</p>			
<p>Oil Measuring Jug</p> <p>High quality oil measuring jug, very stable with anti-surge top and funnel-shaped spout, graduated</p> <p>"only for lubricating oils"</p> <p>Type FM-ZP 5000 5,0 Liter 33 150 30</p> <p>Type FM-ZP 10000 10,0 Liter 33 151 08</p>			
<p>Tin Plate Funnel with strainer and rigid, straight outlet</p> <p>High quality tin plate funnel with strainer 0,7 mm, handle and removable, straight outlet</p> <p>Tin Plate Funnel F-T 160 with Strainer, \varnothing 160 mm 33 616 00</p> <p>Tin Plate Funnel F-T 200 with Strainer, \varnothing 200 mm 33 617 09</p> <p>Tin Plate Funnel F-T 240 with Strainer, \varnothing 240 mm 33 618 08</p>			
<p>Tin Plate Funnel with strainer and flexible, straight outlet</p> <p>High quality tin plate funnel with strainer 0,7 mm, handle and removable, flexible outlet</p> <p>Tin Plate Funnel FF-T 160 with Strainer, \varnothing 160 mm 33 616 24</p> <p>Tin Plate Funnel FF-T 200 with Strainer, \varnothing 200 mm 33 617 16</p> <p>Tin Plate Funnel FF-T 240 with Strainer, \varnothing 240 mm 33 618 15</p>			
<p>Tin Plate Funnel with strainer and flexible, angled spout</p> <p>High quality tin plate funnel with strainer 0,7 mm, handle and removable, flexible and angled outlet</p> <p>Tin Plate Funnel FA-T 160 with Strainer, \varnothing 160 mm 33 616 48</p> <p>Tin Plate Funnel FA-T 200 with Strainer, \varnothing 200 mm 33 617 23</p> <p>Tin Plate Funnel FA-T 240 with Strainer, \varnothing 240 mm 33 618 22</p>			
<p>Petrol-Spare-Strainer for Tin Plate Funnel</p> <p>Spare-strainer with 0,25 mm mesh size and clamping ring ideally suited for fuels such as diesel and gasoline</p> <p>Petrol-Spare-Strainer for Tin Plate Funnel 33 699 03</p>			



Description	Images and specifications can be subject to change without notice	Part No.	    
Grease Gun Filler Pump ecoFILL-standard	Filler pump with keg lid and 3 thumb screws, follower plate. Economic & clean filling of grease guns.		
For grease NLGI 000 - 2	(Grease gun not included)		
<i>ecoFILL 5-s</i> for 5 kg Kegs, Inner-Ø 165 - 200 mm		33 805 02	
<i>ecoFILL 10-s</i> for 10 kg Kegs, Inner-Ø 215 - 230 mm		33 810 04	
<i>ecoFILL 15-s</i> for 15 kg Kegs, Inner-Ø 255 - 282 mm		33 815 16	
<i>ecoFILL 20-s</i> for 18/20 kg Kegs, Inner-Ø 265 - 285 mm*		33 818 06	
<i>ecoFILL 20-s</i> for 18/20 kg Kegs, Inner-Ø 285 - 305 mm		33 818 13	
<i>ecoFILL 25-s</i> for 25 kg Kegs, Inner-Ø 300 - 335 mm		33 825 06	
<i>ecoFILL 50-s</i> for 50 kg Kegs, Inner-Ø 355 - 387 mm		33 850 02	
Grease Gun Filler Pump ecoFILL-deluxe	with self centering keg lid (special mechanism for optimal centering of pump) and follower plate.		
The most efficient and professional method for filling grease guns.	(Grease gun not included)		
<i>ecoFILL 10-d</i> for 10 kg Kegs, Inner-Ø 215 - 230 mm		33 810 28	
<i>ecoFILL 15-d</i> for 15 kg Kegs, Inner-Ø 255 - 282 mm		33 815 30	
<i>ecoFILL 20-d</i> for 18/20 kg Kegs, Inner-Ø 265 - 285 mm*		33 818 20	
<i>ecoFILL 20-d</i> for 18/20 kg Kegs, Inner-Ø 285 - 305 mm		33 820 32	
<i>ecoFILL 25-d</i> for 25 kg Kegs, Inner-Ø 300 - 335 mm		33 825 20	
<i>ecoFILL 50-d</i> for 50 kg Kegs, Inner-Ø 355 - 387 mm		33 850 26	
Grease Gun Filler Pump ecoFILL-deluxe "JOKEY" for 18/20 kg JOKEY-Plastic Pail	as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail (Jet 2000)		
(Grease gun not included)	<i>ecoFILL 20-d</i> for 18/20 kg JOKEY plastic-pail	33 817 07	
Wheel Bearing Packer for ecoFILL Equipment	Wheel bearing grease packer, for easy and clean filling of roller and ball bearings with diameters of 19 to 200 mm		
Wheel bearing grease packer for ecoFILL Equipment		33 790 70	
Angled Filler Tube for ecoFILL Equipment	Angled filler connection for ecoFILL pumps: connects to filler nipple/air venting valve Ø 9 mm in accordance with DIN 1283. R 1/4" Male Thread		
Angled Filler Tube for ecoFILL, 1/4" with filler nipple connector		33 901 50	

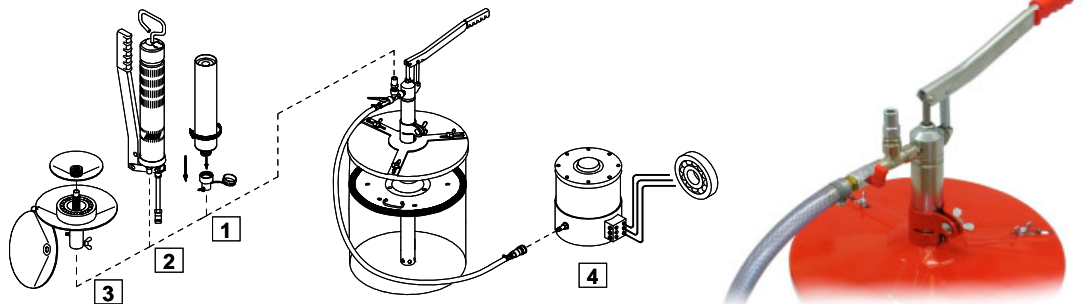
Description	Images and specifications can be subject to change without notice	Part No.	
centraFILL-standard Filler Pump			
Filler pump for centralised lubrication systems with keg lid with 3 thumb screws and follower plate PVC hose - 2,0 meters Quick release coupling (ISO-Norm 7241B DN6/1/4") for grease NLGI 000 - 2			
<i>centraFILL 5-s</i> for 5 kg Kegs, Inner-Ø 165 - 200 mm	33 805 40		
<i>centraFILL 10-s</i> for 10 kg Kegs, Inner-Ø 215 - 230 mm	33 810 42		
<i>centraFILL 15-s</i> for 15 kg Kegs, Inner-Ø 255 - 282 mm	33 815 54		
<i>centraFILL 20-s</i> for 18/20 kg Kegs, Inner-Ø 265 - 285 mm*	33 818 44		
<i>centraFILL 20-s</i> for 18/20 kg Kegs, Inner-Ø 285 - 305 mm	33 818 51		
<i>centraFILL 25-s</i> for 25 kg Kegs, Inner-Ø 300 - 335 mm	33 825 44		
<i>centraFILL 50-s</i> for 50 kg Kegs, Inner-Ø 355 - 387 mm	33 850 40		
centraFILL-deluxe Filler Pump			
Filler pump for centralised lubrication systems with self centering keg lid for centering pump, follower plate, PVC hose - 2,0 meters, quick release coupling (ISO-Norm 7241B DN6/1/4")			
<i>centraFILL 10-d</i> for 10 kg Kegs, Inner-Ø 215-230 mm	33 810 66		
<i>centraFILL 15-d</i> for 15 kg Kegs, Inner-Ø 255-282 mm	33 815 78		
<i>centraFILL 20-d</i> for 18/20 kg Kegs, Inner-Ø 265-285 mm*	33 818 68		
<i>centraFILL 20-d</i> for 18/20 kg Kegs, Inner-Ø 285-305 mm	33 818 75		
<i>centraFILL 25-d</i> for 25 kg Kegs, Inner-Ø 300-335 mm	33 825 68		
<i>centraFILL 50-s</i> for 50 kg Kegs, Inner-Ø 355 - 387 mm	33 850 64		
centraFILL-deluxe Filler Pump "JOKEY"			
for 18/20 kg JOKEY Plastic Pail			
as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail (Jet 2000)			
<i>centraFILL 20-d</i> for 18/20 kg JOKEY plastic pail	33 817 38		
centraFILL-M Mobile			
Filler pump for centralised lubrication systems, keg cover (without screws), follower plate and trolley, PVC hose 2,0 meters with, quick release coupling (ISO-Norm 7241B DN6/1/4")			
<i>centraFILL 15-M</i> for 15 kg Kegs, Inner-Ø 255-282 mm	33 816 08		
<i>centraFILL 20-M</i> for 18/20 kg Kegs, Inner-Ø 265-285 mm*	33 819 05		
<i>centraFILL 20-M</i> for 18/20 kg Kegs, Inner-Ø 285-305 mm	33 819 12		
<i>centraFILL 25-M</i> for 25 kg Kegs, Inner-Ø 300-335 mm	33 826 05		
<i>centraFILL 50-M</i> for 50 kg Kegs, Inner-Ø 355-387 mm	33 851 01		

Pneumatic Filler Pumps and Accessories

Description	Images and specifications can be subject to change without notice	Part No.	
Pneumatic Filler Pump pneMATO-fill, Pump	<p>Pneumatic filler pump, suitable for high viscosity oils, i.e. tacky chain lubricants, for Grease NLGI 000 -2</p> <p>Note: the pump must not be used for lubrication</p> <p>Technical Data : Output at 8 bar (115 psi) air pressure: 1,800 grm/min approx. (Multi purpose grease NLGI 2 at 20° C) Pressure Capability 24 bar / 330 psi approx, Pump Ratio : 1:3 Thread 1/2"</p> <p>Pump for 10-25 kg Grease Kegs, Suction Tube 525 mm Pump for 50 kg Grease Kegs, Suction Tube 790 mm Pump for 200 kg Grease Kegs, Suction Tube 940 mm Pump for 1000 l Tank, Suction Tube 1490 mm</p>	<p>33 725 45 33 750 41 33 720 26 33 720 40</p>	 <div data-bbox="1337 277 1417 342" style="text-align: center;"> </div> <p data-bbox="1273 353 1481 450" style="text-align: center;">Filler pumps are not suitable for high pressure</p> <div data-bbox="1331 461 1430 566" style="text-align: center;"> </div> <div data-bbox="1066 645 1401 748" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 43</p> </div> 
Pneumatic Filler Pump pneMATO-fill, Static	<p>Pneumatic grease pump as described above for filling centralised cubrication systems with QR coupler. The kit consists of a pneumatic pump, 2 meter hose DN12(1/2") with quick release coupling (ISO-Norm 7241B DN6 / 1/4"), follower plate and self centering keg lid.</p> <p>Technical data see above</p>	<p>33 710 12 33 715 24 33 720 71 33 720 57 33 725 21 33 750 10 33 720 02</p>	
Pneumatic Filler Pump pneMATO-fill, Static for 18/20 kg JOKEY Plastic Pail	<p>as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail (Jet 2000)</p> <p>pneMATO-fill-20-d for 18/20 kg JOKEY plastic pail</p>	<p>33 721 18</p>	
Pneumatic Filler Pump pneMATO-fill, Mobile	<p>Pneumatic grease pump as sample for filling of centralised lubrication systems with QR coupler. The kit consists of a pneumatic pump, 2 meter hose DN12 (1/2") with quick release coupling (ISO-Norm 7241B DN6 / 1/4"), follower plate, keg lid and trolley.</p> <p>Technical data see above</p>	<p>33 715 93 33 720 95 33 721 01 33 725 90 33 750 89</p>	
DIGIMET E35	<p>Electronic Inline Flow Meter</p> <p>For fitting to pneMATO-fill equipment. After calibration, the dispensed grease volume is displayed. Ideal for controlling the fill of Lube-Shuttle cartridges, thread 1/2" male / 1/2" swivel nuts</p>	<p>35 410 19</p>	

Description	Images and specifications can be subject to change without notice	Part No.	
ecoFILL-Pump with Angled Filler Tube			
Suction tube - Ø 40 mm			
Pump ecoFILL for 5 kg, Suction Tube Length 395 mm		33 900 51	
Pump ecoFILL for 10/25 kg, Suction Tube Length 535 mm		33 900 68	
Pump ecoFILL for 50 kg, Suction Tube Length 800 mm		33 900 75	
centraFILL-Pump with Hose Connection			
Suction tube - Ø 40 mm			
Pump centraFILL for 5 kg, Suction Tube Length 395 mm		33 901 05	
Pump centraFILL for 10/25 kg, Suction Tube Length 535 mm		33 901 12	
Pump centraFILL for 50 kg, Suction Tube Length 800 mm		33 901 29	
Hose 2 metres for centraFill Filler Pumps			
Hose 2 metres PVC for centraFILL Kits with hydraulic quick release coupling (ISO 7241 B DN6 1/4") with fitting kit			
Hose 2 meters with quick release coupling		33 900 37	
Combined Filler Pump Adaptor for ecoFILL- and centraFILL Equipment			
for filling centralised lubrication systems and grease guns, for connection to eco-/centraFILL equipment			
Combined filler pump adaptor		33 900 13	
Hose with Quick Release Coupling for pneuMATO-fill pump			
Hose DN12 (1/2") for pneuMATO-fill kits with hydraulic quick release coupling (ISO-Norm 7241B DN6 / 1/4") and ball valve			
Hose 2 meters for with ball valve for pneuMATO-fill		33 900 20	
Hose 2 meters for with ball valve for pneuMATO-fill		33 903 10	
Filler Pump Adaptor for pneuMATO-fill			
Combination filler pump adaptor which allows optional filling of grease guns (with filler nipple) or centralised lubrication systems. Simple switch-over by ball valve. Can be used with refill-adaptor (see page 4) for filling Lube-Shuttle cartridges.			
Combination filler pump adaptor		33 900 06	
Accessories for centraFILL- pneuMATO-fill			
Double ended connector 3/8" - 1/4" male		39 914 87	
Double ended connector 1/4" - 1/4" male		39 914 49	
Reducing connector M10x1 - 1/4" male		39 910 43	
QR connector (plug) 1/4" fem. ISO 7241B DN6/1/4"		33 902 28	
QR connector (socket) with hose tail, ISO as above		33 902 42	
Angled filler tube with plug		33 901 74	

Available options for centraFill in combination with the "Filler Pump Adaptor"



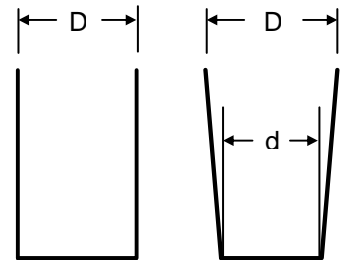
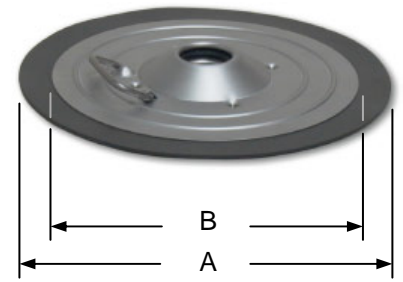
1. Lube-Shuttle® cartridge with refill adaptor

2. Grease gun with filling nipple, e.g. E500 / TG 500

3. Ball races with wheel bearing grease packer

4. Centralised lubrication system with QR coupler

Description	Images and specifications can be subject to change without notice	Part No.
Grease Follower Plates		
for eco-/centraFILL, Bucket-Greaser, pneuMATO 55, pneuMATO 75 and pneuMATO-fill, suitable for suction tube Ø 40 mm		
Recommended keg size by ELGI: (European Lubricating Grease Institute) 18 kg Keg *		
	A / B	d - D
FO 5	205/150	for Inner-Ø 165 - 200 mm
FO 10	236/204	for Inner-Ø 215 - 230 mm
FO 15	273/204	for Inner-Ø 220 - 267 mm
FO 15	285/242	for Inner-Ø 255 - 282 mm
FO 20	291/242	for Inner-Ø 265 - 285 mm *
FO 20	312/242	for Inner-Ø 285 - 305 mm
FO 25	338/285	for Inner-Ø 300 - 335 mm
FO 40	356/300	for Inner-Ø 311 - 346 mm
FO 50	392/330	for Inner-Ø 350 - 385 mm
FO 50	392/340	for Inner-Ø 355 - 387 mm
FO 50	415/354	for Inner-Ø 385 - 410 mm
FO 200	596	for Inner-Ø 550 - 590 mm
		33 920 00
		33 923 07
		33 926 73
		33 928 26
		33 928 57
		33 930 52
		33 933 59
		33 934 65
		33 938 54
		33 938 78
		33 941 03
		33 959 02
Adaptor Set, 5 part, for Suction Tubes Ø 40 mm		
Reducers for suction tubes-Ø 26, 28, 30, 32 and 35 mm for reducing from Ø 40 mm suction tube		
Adaptor set 5 parts		
		33 791 55
Keg Cover		
for mobile filling equipment and pneumatic grease pumps. Steel powder coated		
Cover M 10-15	310 mm for kegs with outer Ø 225-300 mm	33 962 20
Cover M 20-25	365 mm for kegs with outer Ø 280-355 mm *	33 962 44
Cover M 50	430 mm for kegs with outer Ø 350-425 mm	33 962 68
Keg Lid - S		
for standard filling equipment and static pneumatic grease pumps, with 3 thumb screws. Steel powder coated		
Lid S 5	220 mm for kegs with outer Ø 188-210 mm	33 960 08
Lid S 10-15	310 mm for kegs with outer Ø 225-295 mm	33 960 22
Lid S 20-25	365 mm for kegs with outer Ø 280-350 mm *	33 960 46
Lid S 50	430 mm for kegs with outer Ø 350-420 mm	33 960 60
Lid S 200	660 mm for kegs with outer Ø 570-625 mm	33 960 84
Self Centering Keg Lid - D		
for deluxe filling equipment and, static air operated lubrication equipment, with special self centering mechanism, steel powder coated		
Lid D 10-15	308 mm for kegs with outer Ø 225-295 mm	33 961 38
Lid D 20-25	365 mm for kegs with outer Ø 280-350 mm *	33 961 52
Lid D 50	433 mm for kegs with outer Ø 350-420 mm	33 961 76
Special Self Centering Keg Lid - D		
for mobile filling equipment and pneumatic grease pumps. Steel powder coated		
JOKEY Jet 2000 / JOKEY Jet 125 / Polipa 20I / ROPAC)		
Keg Lid D 18/20	365 mm for JOKEY - Jet 2000	33 961 45
Keg Lid D 18/20	365 mm for JOKEY - Jet 125	33 961 14
Keg Lid D 18/20	365 mm for POLIPA 20 L	33 961 90
Keg Lid D 18/20	365 mm for ROPAC	33 961 21






Description	Images and specifications can be subject to change without notice	Part No.	
High Pressure Lubricator Bucket Greaser			
High pressure lubricator for direct greasing of bearings for standard grease kegs with 2.0m high pressure safety rubber hose and 4-jaw hydraulic connector, suction tube Ø 40 mm, keg lid with 3 thumb screws and follower plate. Working pressure : 400 bar / 5,800 psi. 1,6 cc / per stroke. For Grease NLGI 000 - 2.			
Bucket Greaser BG 5-s f. 5 kg,	Inner-Ø165-200 mm	33 805 71	
Bucket Greaser BG 10-s f. 10 kg,	Inner-Ø215-230 mm	33 810 80	
Bucket Greaser BG 15-s f. 15 kg,	Inner-Ø255-282 mm	33 815 92	
Bucket Greaser BG 20-s f. 18/20 kg,	Inner-Ø265-285 mm *	33 818 82	
Bucket Greaser BG 20-s f. 18/20 kg,	Inner-Ø285-305 mm	33 818 37	
Bucket Greaser BG 25-s f. 25 kg,	Inner-Ø300-335 mm	33 825 82	
Bucket Greaser BG 50-s f. 50 kg,	Inner-Ø355-387 mm	33 851 70	
High Pressure Lubricator Bucket Greaser			
for 18/20 kg JOKEY Plastic Pail			
as described above, including self centering cover with special claws for maximum secure grip on the JOKEY Pail (Jet 2000)			
Bucket Greaser BG 20-d for 18/20 kg JOKEY plastic pail		33 819 50	
Foot Operated Grease Pump FP-06-economy			
Budget priced foot operated pump with 2,0 m high pressure rubber hose and 4-jaw hydraulic connector, carry handle. For Grease NLGI 000 - 2.			
Maximum working pressure:	to 500 bar (7,250 psi)		
Reservoir capacity:	6000 cc approx.		
Output per stroke:	2 cc approx.		
Foot operated grease pump FP-06-economy		33 860 09	
Foot Operated Grease Pump FP-08-heavy duty			
with 2,0 m. of rubber hose and hand control with rigid tube and 4-jaw hydraulic connector. Hand operated pump for generating air pressure above follower plate (3 bar) , mobile. For Grease to NLGI 3.			
Grease pressure:	to 400 bar (5,800 psi)		
Reservoir capacity:	6500 cc approx.		
Output per stroke:	ca. 2 ccm		
Foot operated grease pump FP-08-heavy duty		33 860 54	
High Pressure Hand Control for FP-08			
with rigid tube and hydraulic connector			
Hand control with rigid tube for FP-08		33 902 80	

Description	Images and specifications can be subject to change without notice	Part No.
pneuMATO 55 Grease Pump without Accessories		
Pressure ratio 55:1, free delivery 500 gr/min., maximum working pressure 425 bar (6,150 psi) Grease connection 1/4", suction tube Ø 40 mm For Grease NLGI 000 - 2		
pneuMATO 55 Grease Pump for 10-25 kg kegs, suction tube 495 mm		34 102 54
pneuMATO 55 Grease Pump for 50 kg kegs, suction tube 690 mm		34 102 78
pneuMATO 55 Grease Pump for 200 kg kegs, suction tube 885 mm		34 102 92
pneuMATO 55 Grease Pump Unit, Static with 3,5 m High Pressure Grease Hose DN6, R1/4"		
3.5 m high pressure grease hose DN 6 (R1/4"), air operated pump, connecting thread R1/4", high pressure grease control valve with straight swivel and rigid tube with 4-jaw hydraulic connector, grease follower plate and keg cover with 3 thumb screws		
pneuMATO 55, static for 10 kg kegs, Inner-Ø 215-230 mm		34 103 60
pneuMATO 55, static for 15 kg kegs, Inner-Ø 255-282 mm		34 104 69
pneuMATO 55, static for 18/20 kg kegs, Inner-Ø 265-285 mm*		34 105 68
pneuMATO 55, static for 18/20 kg kegs, Inner-Ø 285-305 mm		34 105 75
pneuMATO 55, static for 25 kg kegs, Inner Ø 300-335 mm		34 106 67
pneuMATO 55, static for 50 kg kegs, Inner Ø 355-387 mm		34 107 66
pneuMATO 55, static for 200 kg kegs, Inner Ø 550-590 mm		34 107 80
pneuMATO 55 Grease Pump Unit, Static with 6,5 m High Pressure Grease Hose DN6, R1/4"		
Features as described above.		
pneuMATO 55, static for 10 kg kegs, Inner-Ø 215-230 mm		34 103 77
pneuMATO 55, static for 15 kg kegs, Inner-Ø 255-282 mm		34 104 83
pneuMATO 55, static for 18/20 kg kegs, Inner-Ø 265-285 mm*		34 105 82
pneuMATO 55, static for 18/20 kg kegs, Inner-Ø 285-305 mm		34 106 36
pneuMATO 55, static for 25 kg kegs, Inner Ø 300-335 mm		34 106 81
pneuMATO 55, static for 50 kg kegs, Inner Ø 355-387 mm		34 107 42
pneuMATO 55, static for 200 kg kegs, Inner Ø 550-590 mm		34 109 71
pneuMATO 55 Grease Pump Unit, Static with 10 m High Pressure Grease Hose DN6, R1/4"		
Features as described above.		
pneuMATO 55, static for 10 kg kegs, Inner-Ø 215-230 mm		34 103 84
pneuMATO 55, static for 15 kg kegs, Inner-Ø 255-282 mm		34 104 90
pneuMATO 55, static for 18/20 kg kegs, Inner-Ø 265-285 mm*		34 105 99
pneuMATO 55, static for 18/20 kg kegs, Inner-Ø 285-305 mm		34 106 43
pneuMATO 55, static for 25 kg kegs, Inner Ø 300-335 mm		34 106 98
pneuMATO 55, static for 50 kg kegs, Inner Ø 355-387 mm		34 107 59
pneuMATO 55, static for 200 kg kegs, Inner Ø 550-590 mm		34 109 88
pneuMATO 55 Grease Pump Unit, Static for 18/20 kg JOKEY plastic pail		
Features as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail (Jet 2000)		
pneuMATO 55, static "JOKEY" with 3,5 m Hose		34 106 05
pneuMATO 55, static "JOKEY" with 6,5 m Hose		34 106 12
pneuMATO 55, static "JOKEY" with 10 m Hose		34 106 29












It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 43










Description	Images and specifications can be subject to change without notice	Part No.
pneuMATO 55 Grease Pump Unit, Mobile with 3,5 m High Pressure Grease Hose DN6	3,5 m high pressure grease hose DN 6 (R1/4") air operated pump, connecting thread R1/4", high pressure grease control valve with straight swivel and rigid tube with 4-jaw hydraulic connector, grease follower plate and keg cover, trolley	
<div style="border: 1px solid black; padding: 5px;"> It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 43 </div>		
pneuMATO 55, mobile for 10 kg kegs, Inner Ø 215-230 mm		34 110 08
pneuMATO 55, mobile for 15 kg kegs, Inner Ø 255-282 mm		34 115 03
pneuMATO 55, mobile for 18/20 kg kegs, Inner Ø 265-285 mm*		34 118 00
pneuMATO 55, mobile for 18/20 kg kegs, Inner Ø 285-305 mm		34 118 24
pneuMATO 55, mobile for 25 kg kegs, Inner Ø 300-335 mm		34 125 00
pneuMATO 55, mobile for 50 kg kegs, Inner Ø 355-387 mm		34 150 06
pneuMATO 55 Grease Pump Unit, Mobile with 6,5 m High Pressure Grease Hose DN6, R1/4"		
Features as described above.		
pneuMATO 55, mobile for 10 kg kegs, Inner Ø 215-230 mm		34 110 15
pneuMATO 55, mobile for 15 kg kegs, Inner Ø 255-282 mm		34 115 10
pneuMATO 55, mobile for 18/20 kg kegs, Inner Ø 265-285 mm*		34 118 17
pneuMATO 55, mobile for 18/20 kg kegs, Inner Ø 285-305 mm		34 118 55
pneuMATO 55, mobile for 25 kg kegs, Inner Ø 300-335 mm		34 125 17
pneuMATO 55, mobile for 50 kg kegs, Inner Ø 355-387 mm		34 150 37
pneuMATO 55 Grease Pump Unit, Mobile with 10 m High Pressure Grease Hose DN6, R1/4"		
Features as described above.		
pneuMATO 55, mobile for 10 kg kegs, Inner Ø 215-230 mm		34 110 22
pneuMATO 55, mobile for 15 kg kegs, Inner Ø 255-282 mm		34 115 27
pneuMATO 55, mobile for 18/20 kg kegs, Inner Ø 265-285 mm*		34 118 48
pneuMATO 55, mobile for 18/20 kg kegs, Inner Ø 285-305 mm		34 118 62
pneuMATO 55, mobile for 25 kg kegs, Inner Ø 300-335 mm		34 125 24
pneuMATO 55, mobile for 50 kg kegs, Inner Ø 355-387 mm		34 150 44






Description	Part No.	Image
Images and specifications can be subject to change without notice		
MATO-One Hand Air Operated Grease Gun DF		
For use with grease cartridges 400 g, filler pump or bulk fill, connecting thread R1/8", for greases up to NLGI 2, DIN 51818. Single shot system (1 cc / stroke), pressure ratio 60:1, air pressure range 3 to max. 8 bar, maximum working pressure 480 bar / 6,950 psi		
DF 500 with rigid tube E4024, Thread M10x1	34 101 55	
DF 500 with rigid tube E4024, Thread R1/8"	34 100 01	
DF 500 with rubber hose RH-30C, Thread M10x1	34 101 79	
DF 500 with rubber hose RH-30C, Thread R1/8"	34 100 56	
MATO-One Hand Air Operated Oil Gun DFO		
Technical data as above, but with oil tight inner piston.		
Accessory set includes hydraulic connector with non-return valve.		
Air Operated Oil Gun DFO 500, rigid tube	34 101 00	
Air Operated Oil Gun DFO 501, rubber hose RH-30C	34 101 24	
pneuMATO 75 Grease Pump without accessories		
Pressure Ratio: 1:75 Output 500 - 600 g/min. free delivery, Maximum working pressure 580 bar (8,390 psi) , grease outlet thread R1/4", Suction tube Ø 40 mm For grease NLGI 000 - 2 For use of NLGI 3 please consult with our Technical Dpt.		
<div style="border: 1px solid black; padding: 5px;"> <p>It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 43</p> </div>		
pneuMATO 75, Pump for 10-25 kg Kegs, suction tube 495 mm	34 104 07	
pneuMATO 75, Pump for 50 kg Kegs, suction tube 690 mm	34 104 21	
pneuMATO 75, Pump for 200 kg Kegs, suction tube 885 mm	34 104 45	
Grease Compressor K-07		
with high pressure rubber hose and control valve, rigid tube and 4-jaw hydraulic connector, mobile unit. For grease up to NLGI 3		
Grease pressure: max. 400 bar (5,800 psi) Reservoir capacity: 6500 cc approx. Output per double stroke: 4 cc approx.		
Grease Compressor K-07 with 3,5 m high pressure hose	34 163 00	
Grease Compressor K-07 with 6,5 m high pressure hose	34 163 24	
Grease Compressor K-07 with 10 m high pressure hose	34 163 48	

Description	Images and specifications can be subject to change without notice	Part No.	
MATO-Rubber Hose Assemblies			
For pneumatic grease pumps and high pressure greasing equipment. Heavy duty specification, burst pressure 1,650 bar, steel wire braided, i.e. for use with pneuMATO 55, pneuMATO 75, Bucket-Greaser, FP-06, FP-08, K-07 connector thread R1/4" male / female.			
Rubber Hose Assembly RH-350	3,5 m	32 591 50	
Rubber Hose Assembly RH-650	6,5 m	32 591 74	
Rubber Hose Assembly RH-1000	10 m	32 591 98	
Air Management System			
with pressure regulator, pressure gauge, water filter and lubricator.			
It is important that all pneumatic pumps are used with an air management system to secure the supply of clean, dry and oiled air. Please consult the operation manuals of the pneumatic pumps to see warranty statements.			
Air Management System		39 902 20	
Trolley			
For filler pumps and pneumatic grease pumps			
Trolley for 10-50 kg kegs, easily assembled, robust zinc plated design , with pump bracket and handle			
Trolley for 200 liter drums or 200 kg kegs, black painted robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve.			
Trolley for 10-50 kg kegs		34 700 50	
Trolley for 200 l drums or 200 kg kegs		34 701 80	

Description	Part No.	Image
DIGIMET E5 Grease Meter		
High pressure digital meter for grease to NLGI 2, Displays dispense in cc, resettable, totaliser in liters, inlet R1/4" female		
Working Pressure: max. 500 bar (7,250 psi) Burst Pressure: min. 1,000 bar (14,450 psi) Accuracy: +/- 3% max.permissible delivery: 2,000 ccm/min.		
Digimet E5 without accessories R1/8"	35 415 52	
Digimet E5 with rigid tube R1/8"	35 415 76	
Digimet E5 with high pressure rubber hose R1/8"	35 415 90	
Digimet E5 with high pressure rubber hose R1/8"		
High pressure digital meter for grease to NLGI 2, technical data as described above, except for Inlet R1/8" female		
DIGIMET E5 Inline-Grease Meter	35 415 45	
High Pressure Grease Control Valve, standard		
High pressure grease control valve, standard		
High pressure grease control valve with straight swivel	34 108 03	
High pressure grease control valve with straight swivel	34 108 34	
High Pressure Grease Control Valve, deluxe		
Robust construction with straight swivel, delivery tube E4024 1/8", 4 jaw hydraulic connector, thread 1/4"female, Working pressure max. 600 bar/psi 8,700 Easy operation, without effort, even at high grease pressures. Ergonomic plastic hand grip with protective cover, pressure parts in steel, operating trigger with leak proof feature		
High Pressure Grease Control Valve, deluxe with rigid tube E4024	34 108 58	
Straight Swivel for Grease Control Valve		
Straight swivel for grease control valve	34 109 02	
Z Swivel for Grease Control Valve		
Heavy Duty, ball bearing, R1/4"		
Heavy Duty with ball bearing action- Inlet: 1/4"	34 109 40	

Description	Images and specifications can be subject to change without notice	Part No.	
<p>Lube-Shuttle® Grease Spray Unit LubeJet-eco</p> <p>This air pressure operated grease spray unit enables the spraying of grease directly from the Lube-Shuttle® system-cartridge without the need for propellants or chemical additives such as solvents. Spraying grease on to chains, wire ropes, open gears, slideways, telescopic booms etc. offers enormous potential for cost savings. The wasteful application of grease is history. The wide range of uses is literally unlimited.</p> <p>Lube-Shuttle® Grease Spray Unit LubeJet-eco</p>		33 780 80	
<p>pneuMATO 55 - LubeJet, static</p> <p>A grease spray system using unique technology: it combines the high pressure lubrication pump, pneuMATO 55, with specially designed spraying equipment. The spray pistol has been designed for greases up to NLGI 2. The special "Twin Hose" for grease and high pressure air supply is integrated in a high quality protective sheath. This sophisticated grease spray system can be fitted to grease keas and drums and will provide high volumes of arease. Specification:</p> <p>pneuMATO 55 -pneumatic pump kit, pressure ratio 1:55, 10m special twin delivery hose, spray gun, pressure regulator 5 bar, air inlet pressure limited to 5 bar</p> <p>version with 3,5 or 6,5 m hose length upon request</p> <p>pneuMATO 55 - LubeJet, static, for 25 kg, Inner-Ø 300-335 mm</p> <p>pneuMATO 55 - LubeJet, static, for 50 kg, Inner-Ø 355-387 mm</p> <p>pneuMATO 55 - LubeJet, static, for 200 kg, Inner-Ø 550-590 mm</p>		<p>33 727 29</p> <p>33 757 20</p> <p>33 701 21</p>	
<p>pneuMATO 55 - LubeJet, mobile</p> <p>Specification as above but with Heavy Duty Trolley</p> <p>version with 3,5 or 6,5 m hose length upon request</p> <p>pneuMATO 55 - LubeJet, mobile, for 25 kg, Inner-Ø 300-335 mm</p> <p>pneuMATO 55 - LubeJet, mobile, for 50 kg, Inner-Ø 355-387 mm</p> <p>pneuMATO 55 - LubeJet, mobile, for 200 kg, Inner-Ø 550-590 mm</p>		<p>33 726 20</p> <p>33 756 21</p> <p>33 700 08</p>	
<p>Grease Spray Gun</p> <p>This spray gun has been specially designed to effectively spray grease. Spray patterns, air and grease volumes are individually adjustable. Maximum permitted air pressure is 10 bar / 145 psi Maximum permitted fluid pressure is 250 bar / 3625 psi</p> <p>Grease Spray Pistol LubeJet</p>		33 793 60	
<p>Spray Lance for pneuMATO 55 - LubeJet</p> <p>Spray lance with 2-segment extension tube, designed to cover inaccessible spots or cavities with grease. The unit is suitable with common greases up to NLGI-class 2.</p> <p>Spray lance 2,0 m for pneuMATO 55 - LubeJet</p>		33 795 82	
<p>Twin Hose for pneuMATO 55 - LubeJet</p> <p>This special "Twin Hose" includes high pressure grease supply hose (burst pressure: 1,650 bar with steel wire reinforcement) and air supply hose. Both hoses are encased in hard wearing outer sheath, which has integral spiral, steel reinforcement.</p> <p>pneuMATO 55 - LubeJet Twin Hose System 3,5 m</p> <p>pneuMATO 55 - LubeJet Twin Hose System 6,5 m</p> <p>pneuMATO 55 - LubeJet Twin Hose System 10 m</p>		<p>33 793 08</p> <p>33 793 15</p> <p>33 793 22</p>	
<p>Air Pressure Limiter for pneuMATO 55 Lubejet</p> <p>This Air Pressure Limiter limits the air supply pressure to the pump to 5 bar. It is supplied with connection for the air supply pipework.</p>		33 794 90	
<p>Air Pressure Regulator for pneuMATO 55 Lubejet</p>		33 794 90	













Description	Part No.	Image
<p>Electric Lube-Compressor ELC 6</p> <p>with 3,5 m high pressure grease delivery hose DN6, high pressure control gun with Z-swivel and rigid delivery tube with 4-jaw hydraulic coupler. Capacity: 6,3 kg, for Grease Up to NLGI Class 3</p> <p>Technical Data: Operating Pressure: 350 bar Delivery Rate: ca. 150 ccm / min Power: 0,37 KW Protection Rating: 230 V or 400 V IP 54</p> <p>This product is a non-stock item.</p> <p>Electric Lube-Compressor ELC 6 230 V Electric Lube-Compressor ELC 6 400 V</p>	<p>34 260 64 34 260 40</p>	
<p>Electric Lube-Compressor ELC 15</p> <p>As above specification, but with reservoir capacity of 15 kg, working pressure 300 bar</p> <p>This product is a non-stock item.</p> <p>Electric Lube-Compressor ELC 15 230 V Electric Lube-Compressor ELC 15 400 V</p>	<p>34 261 94 34 261 70</p>	
<p>Electric Lube-Compressor ELC 30</p> <p>As above specification, but with reservoir capacity of 30 kg, working pressure 300 bar</p> <p>This product is a non-stock item.</p> <p>Electric Lube-Compressor ELC 30 230 V Electric Lube-Compressor ELC 30 400 V</p>	<p>34 263 54 34 263 30</p>	



Description	Images and specifications can be subject to change without notice		Part No.
<p>Polythene Syphon-Pump Model SP-50</p> <p>Designed for use with the majority of aggressive fluids</p> <p>Suction tube length 375 mm</p> <p>Bung adaptor for Ø 31 mm / 1" BSP</p> <p>Delivery hose length 0,5 m (approx).</p> <p>Output 50 ml per stroke, therefore approximately 6 liters per minute is possible</p> <p>Syphon-Pumpe SP-50</p>			34 622 08
<p>Polythene Syphon-Pump Model SP-150</p> <p>Designed for use with the majority of aggressive fluids suitable for detergents.</p> <p>Suction tube length 850 mm</p> <p>Bung adaptor 2" BSP</p> <p>Delivery hose length 1,4 m (approx).</p> <p>Output 150 ml per stroke, therefore approximately 20 liters per minute is possible</p> <p>Syphon-Pumpe SP - 150</p>			34 622 22
<p>Lever Operated Drum Pump HP 500 for AdBlue®</p> <p>Lever operated drum pump HP 500 for 50 to 200 litre-drums, equipped with 2" drum adaptor, telescope suction tube and 2m delivery hose</p> <p>Flow rate: 500 ccm / stroke</p> <p>Suitable for: AdBlue®, water-based liquids, thinner, solvents, anti-freeze, windshield detergents, hydraulic-oils, other lubricants</p> <p>Lever operated drum pump HP 500 for AdBlue®</p>			34 623 07
<p>UNIVERSAL - Lift Pump LP-S</p> <p>Universal plastic pump with adaptor R2" for standard drums / barrels.</p> <p>Output: 250 cc per stroke</p> <p>LP-S: Compatible with lubricating oils, diesel and fuel oil. Compatibility with other fluids on request.</p> <p>Different bung adapter available on page 52</p> <p>Universal Lift Pump LP-S 25</p> <p>Universal Lift Pump LP-S 200</p>			34 625 12 34 625 29
<p>UNIVERSAL - Lift Pump LP-C</p> <p>Universal plastic pump with adaptor R2" for standard drums / barrels.</p> <p>Output: 250 cc per stroke</p> <p>LP-C: Compatible with chemicals, thinners, solvents, anti-freeze, detergents and cleaning fluids. Compatibility with other fluids on request. Piston in stainless steel.</p> <p>Different bung adapter available on page 52</p> <p>Universal Lift Pump LP-C 25</p> <p>Universal Lift Pump LP-C 200</p>			34 625 50 34 625 67
<p>Delivery hose for Lift Pumps LP-C & LP-S</p> <p>2,0 m PVC-Delivery hose with spout for LP-C & LP-S</p>			34 626 04
<p>Universal Adaptor for Lift Pumps LP-C & LP-S</p> <p>Universal Adaptor for Lift Pumps LP-C & LP-S</p>			34 626 28
<p>Adaptor 2" BSP for Lift Pumps LP-C + LP-S</p> <p>Adaptor 2" BSP for Lift Pumps LP-C + LP-S</p>			34 626 11









Rotary Action Pumps




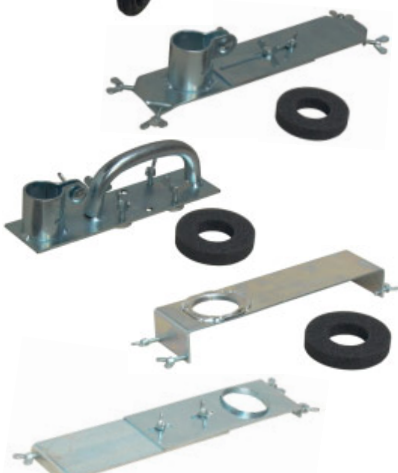

Description	Images and specifications can be subject to change without notice	Part No.	
Polypropylene Rotary Pump RP 100-PP	2-chamber vane pump with 3-segment suction tube, designed for drums up to 200 Liter. Drum adaptor 2" BSP		
Suitable for: AdBlue[®], water-based liquids, thinner, solvents, anti-freeze, windshield detergents, hydraulic-oils, other lubricants on request Flow rate: 250 ccm / stroke		34 609 07	
Polypropylene rotary pump RP 100-PP			
Cast Iron Rotary Pump RP 100-s	2 chamber vane pump with 3 part steel suction tube suitable for barrels up to 200 Liters. Drum adaptor 2" BSP		
For diesel, motor, gearbox and hydraulic oils up to SAE 90			
Output: 250 cc per revolution		34 610 10	
Cast Iron Rotary Pump standard RP 100-s			
Aluminium Rotary Pump RP 100-d	2 chamber vane pump with 3 part steel suction tube suitable for barrels up to 200 Liters. Drum adaptor 2" BSP		
For diesel, motor, gearbox and hydraulic oils up to SAE 90			
Output: 250 cc per revolution		34 610 34	
Aluminium Rotary Pump RP 100-d			
3 Part Steel Suction Tube			
for Rotary Pumps RP 100-s and RP 100-d			
3 Part Steel Suction Tube		34 612 70	
Hose for Rotary Pumps RP 100	Spare hose, 1,1 m, for Rotary Pump with Spout and Securing Hook		
Hose for Rotary Pump RP 100-s + RP 100-d		34 620 55	
Ball valve with hose tail			
for Aluminium Rotary Pump RP 100-d			
Nozzle for gear oil with ball valve		34 620 62	
Aluminium Rotary Pump RP 100-M	2 chamber vane pump with metal suction tube set suitable for 50-60 Liter drums, with 1,2 m. delivery hose, ball valve with nozzle for gear oil, Drum adaptor 2" Trolley for 50-60 Liter drums with pump support bracket.		
For diesel, motor, gearbox and hydraulic oils up to SAE 90			
Output: 250 cc per revolution		34 610 58	
Aluminium Rotary Pump with trolley RP 100-M			

Description	Images and specifications can be subject to change without notice		Part No.
Lever Operated Barrel Pump HP 350			
Budget priced barrel pump for 50 to 200 Liter drums, Steel telescopic suction tube 450 mm to 860 mm, body made of zinc plated steel, 2" and 1 1/2" BSP drum adaptors detachable outlet nozzle NBR (Perbunan) Seals			
for oils up to SAE 90, petroleum and other non-aggressive fluids individually packed in carton. Output: 350 cc per stroke Lever Operated Barrel Pump HP 350			34 635 40
Lever Operated Barrel Pump HP 350 - V			
other specifications as for HP 350 above but with Viton seals and red handle grip suitable for alcohol, anti-freeze, thinners Ensure fluid is compatible with VITON Lever Operated Barrel Pump HP 350 - V			34 635 64
Delivery hose DN16 for HP 350 + HP 350-V			
1,5 m long with ball valve 1/2" female with adaptor 3/4" female to 1/2" male, hoseclip and outlet nozzle for gear oil Delivery hose DN16, ball valve and gear oil nozzle			34 620 00
PVC Hose with hosedtail for HP 350+HP 350-V			
PVC hose 1,5 m. long, hosedtail and hoseclip PVC hose 1,5 m. long, hosedtail and hoseclip			34 620 17
UNIVERSAL - Lift Pump LPM-200			
with rigid steel suction tube for 200 liter barrels Universal pump with zinc plated suction tube, 950 mm, Footvalve and 2" BSP bung adaptor Output: 750 cc per stroke LPM-200: Suitable for lubricating oils, diesel and fuel oil. Compatibility with other fluids on request UNIVERSAL - Lift Pump LPM-200			34 626 80
Lever Operated Pump LAP 350			
Robust piston pump with lever action, non-return valve, zinc plated steel suction tube 1,5 meters PVC delivery hose with spout for light/extra light fuel oils, diesel, petroleum, cleaning fluids Suction tube: 850 mm approx. Drum adaptor 2" BSP Suction tube thread 1/2" BSP Output: 350cc / per stroke Lever Operated Pump LAP 350			34 635 88



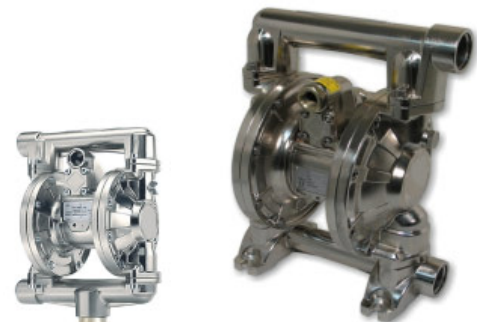
Container Pumps

Description	Images and specifications can be subject to change without notice		Part No.	
<p>Container Lift Pump KLP-C 25 for 20 - 30 Liters Plastic Container Universal plastic pump LP-C compatible with chemicals, thinners, solvents, anti-freeze, detergents, AdBlue® and cleaning fluids. Compatibility with other fluids on request. Piston in stainless steel, incl. 2,0 m PVC-delivery hose with spout and connecting adapter for container with DIN 61 outlet Output: 250 cc per stroke</p> <p>Container Lift Pump KLP-C 25</p>			<i>New</i>	
<p>Container Hand Pump KHP 200 for 20 - 30 Liters Plastic Container Hand Pump with high quality steel pump incl. 1,5 m delivery hose and ball valve, with connecting adapter for container with DIN 61 outlet Output: 200 cc per stroke</p> <p>KHP 200 with 1,5 m hose, ball valve and nozzle</p>			<i>New</i>	
<p>Container Hand Pump KHP 202-G for 20 - 30 liters rectangular container Hand Pump with high quality steel pump incl. 1,5 m delivery hose and ball valve with special pump bracket Output: 200 cc per stroke</p> <p>KHP 202-G with 1,5 m hose, ball valve and nozzle</p>			34 637 24	
<p>Container Hand Pump KHP 202 for 20 - 25 Liters Plastic Container Hand Pump with high quality steel pump incl. 1,5 m delivery hose and ball valve with special pump bracket Output : 200 cc per stroke</p> <p>KHP 202 with 1,5 m hose, ball valve and nozzle</p>			34 637 62	
<p>Container Hand Pump KHP 350 for 20 Liters - Plastic Drum ("Superfos") Hand pump with 1,5 meter rubber hose and ball valve for 20 Liter plastic Drum ("Superfos"), sturdy pump bracket. Output : 350 cc per stroke</p> <p>KHP 350 with 1,5 meter hose and ball valve</p>			34 637 86	
<p>Delivery hose DN12 for Container Pumps delivery 1,5 m long with ball valve, hoseclip and outlet nozzle for gear oil suitable for container and barrel lever pumps</p> <p>Delivery hose DN12 for Container Pumps</p>			34 620 86	

Description	Part No.	Image
<p>Barrel Pump HP 202, Drum Fitting for 50-60l Oil Drums Hand Pump with high quality steel pump suitable for 50-60l drums incl. 2,0 m delivery hose and ball valve, with connecting adapter 2" to 40 mm Inner-Ø</p> <p>Fluids: Hydraulic oils, engine, gearbox up to high viscosity oils</p> <p>Output: 200 cc per stroke</p> <p>Barrel Pump HP 202, Drum Fitting</p>	<p><i>New</i></p> <p>34 637 93</p>	
<p>Barrel Pump HP 202, Mobile for 50-60l Oil Drums Hand Pump with high quality steel pump with robust, zinc plated trolley for 50-60l drums incl. 2,0 m delivery hose and ball valve, with connecting adapter 2" to 40 mm Inner-Ø</p> <p>Fluids: Hydraulic oils, engine, gearbox up to high viscosity oils</p> <p>Output: 200 cc per stroke</p> <p>Barrel Pump HP 202, Mobile</p>	<p><i>New</i></p> <p>34 638 47</p>	
<p>Oil Dispenser 24 l with Hand Pump, Mobile with 2,0 m hose, ball valve and curved spout</p> <p>Fluids: for diesel, engine, gearbox and hydraulic oils up to SAE 90</p> <p>Output: 250 cc / stroke</p> <p>Oil Dispenser 24 l with Hand Pump, mobile</p>	<p>34 638 61</p>	
<p>Pump Bracket for Hand Pumps Robust pump brackets in zinc plated steel. Bracket for container pumps include foam cuff to prevent overflow</p> <p>Pump Bracket for Container Pump KHP 202-G</p> <p>Pump Bracket for Container Pump KHP 202</p> <p>Pump Bracket for Container Pump KHP 350</p> <p>Pump bracket for 25-30 Liter oil drums, span 280-320 mm</p> <p>Pump bracket for 50-60 Liter oil drums, span 350-390 mm</p>	<p>34 702 58</p> <p>34 702 27</p> <p>34 702 65</p> <p>34 702 10</p> <p>34 702 34</p>	
<p>Adaptor Adaptor for container and barrel pumps</p> <p>Adaptor 2" BSP male to 40mm Inner-Ø</p> <p>Adaptor 2" BSP female to 2" TriSure male</p> <p>Adaptor 2" BSP female to 2" Mauser male</p> <p>Adaptor 2" BSP female to DIN 61 female incl. gasket</p>	<p><i>New</i></p> <p>34 704 70</p> <p>34 705 00</p> <p>34 704 94</p> <p>34 704 87</p>	









Description	Images and specifications can be subject to change without notice	Part No.
pneuMATO Pneumatic Oil Pumps		
Pressure Ratios 1:1, 1:3 and 1:5, with 2" BSP drum adaptor without accessories		
Outputs figures valid in case of free delivery		
 <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 43</p> </div>		
pneuMATO 1 Oil Pump 1:1, 25 l/min		34 000 19
pneuMATO 3 Oil Pump 1:3, 18 l/min		34 000 33
pneuMATO 5 Oil Pump 1:5, 17 l/min		34 000 57
Pneumatic Double Diaphragm Pump DP-60		
Designed for Waste Oil, Lubricating Oil, Anti-Freeze, Water, Diesel, Heating Oil and Petrol (with ATEX 2 GD-Certification), suitable for fluids with a particle size of maximum 1,5 mm		
Technical Data		
Delivery::	60 l/min. approx. Free Delivery	
Pressure ratio:	1:1	
Max. Working Pressure:	8 bar	
Inlet:	3/4"	
Outlet:	3/4"	
Air Connection:	1/4"	
Weight:	7 kg	
Body Material:	Aluminium	
Membrane:	NBR	
Check Ball:	Hytrel	
Pneumatic Double Diaphragm Pump DP-60		34 071 24
Pneumatic Double Diaphragm Pump DP-60-T for Mounting on 200 l Drum		
Technical Data as described above, but with Steel Suction Tube and 2" Adaptor for 200 l Drum		
Pneumatic Double Diaphragm Pump DP-60-T		34 071 62
Pneumatic Double Diaphragm Pump DP-160		
Designed for Waste Oil, Lubricating Oil, Anti-Freeze, Water, Diesel and Heating Oil, Suitable for Fluids with a particle size of maximum 2,0 mm		
Technical data as described above, but		
Delivery:	160 l/min. approx. Free Delivery	
Inlet:	1 1/4"	
Outlet:	1 1/4"	
Air Connection:	1/2"	
Weight:	16 kg	
Pneumatic Double Diaphragm Pump DP-160		34 072 54
Pneumatic Double Diaphragm Pump DP-50 PP		
Designed for Waste Oil, Lubricating Oil, Diesel and Heating Oil, Anti-Freeze, Water, Windscreen cleaner and various chemicals. Suitable for Fluids with a particle size of maximum 1,5 mm		
Technical Data		
Delivery::	50 l/min. approx. Free Delivery	
Pressure ratio:	1:1	
Max. Working Pressure:	8 bar	
Inlet:	3/4"	
Outlet:	1/2"	
Air Connection:	1/4"	
Weight:	7,5 kg	
Wetted parts:	Polypropylen	
Membrane:	PTFE	
Check Ball:	Teflon	
Pneumatic Double Diaphragm Pump DP-50 PP		34 071 17



Description	Images and specifications can be subject to change without notice	Part No.
<p>Oil Dispenser 24 l pneumatic, Mobile including pressure relief valve, 2,0 m delivery hose and flexible outlet with ball valve</p> <p>Fluids: for diesel, engine, gearbox and hydraulic oils up to SAE 90</p> <p>Maximum inlet pressure: 3 bar Flow rate: approx. 2 l/min.</p>		34 001 25
<p>pneuMATO-Pneumatic Oil Pumps, Drum Fitting for 50/60 and 200 Liter Oil Drums Pneumatic Oil Pump with telescopic suction tube and suction filter, adjustable between 520-800 mm, for variable use to 50/60 l or 200 l oil barrels, 2,0 m pressure hose DN12 (1/2") with swivel nut for easy and simple installation</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle <p>for 50 Litre drums Pump Bracket 34 702 34 is additionally required</p>		<p>34 001 01</p> <p>34 001 70</p> <p>34 002 48</p>
<p>pneuMATO Oil Pump System, Mobile for 50/60 Liter Oil Drums as described above, but with robust, zinc plated trolley complete with barrel fixing bracket</p>		<p>34 003 30</p> <p>34 003 78</p> <p>34 004 60</p>
<p>pneuMATO 3 - Pneumatic Oil Pump Wall Mounted for 200 Liter Oil Drums Oil Pump pneuMATO 1:3 with Wall bracket</p> <p>Suction tube with foot valve and suction hose DN 20 (3/4") 2,0 meter, for approved unit with air eliminator valve Connecting hose 1 m DN12 (1/2") for hose reel Hose reel with 10 m delivery hose DN12 (1/2")</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version 		<p>34 007 12</p> <p>34 007 50</p> <p>34 007 81</p> <p>34 007 98</p>






Description	Images and specifications can be subject to change without notice	Part No.
<p>pneuMATO-Pneumatic Oil Pumps Drum Fitting for 200 l Drum with 4 m delivery hose Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Steel suction tube for 200 Liter Drum with foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN12 (1/2") with swivel nut for easy and simple installation</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>Lube-Station P-200-4 with oil control gun 34 024 19 Lube-Station P-200-4 with DIGIMET E35 34 024 88 Lube-Station P-200-4 with DIGIMET E30 Preset 34 002 86 Lube-Station P-200-4-E, with electronic Meter, approved 34 032 25</p>		
<p>pneuMATO-Pneumatic Oil Pumps Drum Fitting for 200 l Drum with 8 m delivery hose Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Steel suction tube for 200 Liter Drum with foot valve, for approved unit with air eliminator valve, 8 m delivery hose DN12 (1/2") with swivel nut for easy and simple installation</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>Lube-Station P-200-8 with oil control gun 34 025 49 Lube-Station P-200-8 with DIGIMET E35 34 024 95 Lube-Station P-200-8 with DIGIMET E30 Preset 34 025 63 Lube-Station P-200-8-E, with electronic Meter, approved 34 032 32</p>		

Description	Part No.	Image
<p>pneuMATO 3 - Oil Pump Systems, Mobile for 200 l Drum with 4 m delivery hose Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Steel suction tube for 200 Liter Drum with foot valve, for approved unit with air eliminator valve, robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor 4 m delivery hose DN12 (1/2") with swivel nut for easy and simple installation</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>pneuMATO 3, mobile with oil control gun 34 008 04 pneuMATO 3, mobile with DIGIMET E35 34 008 42 pneuMATO 3, mobile with DIGIMET E30 Preset 34 004 08 pneuMATO 3, mobile with electronic Meter, approved 34 033 48</p>		 
<p>pneuMATO 3 - Oil Pump Systems, Mobile for 200 l Drum with 10 m Hose Reel, DN12 Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Steel suction tube for 200 Liter Drum with foot valve, for approved unit with air eliminator valve, robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor Hose Reel, open with 10 m delivery hose DN12 (1/2")</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>pneuMATO 3, mobile with hose reel and oil control gun 34 008 59 pneuMATO 3, mobile with hose reel and DIGIMET E35 34 008 80 pneuMATO 3, mobile with hose reel and DIGIMET E30 Preset 34 008 97 pneuMATO 3, mobile with hose reel and electronic Meter, approved 34 033 62</p>		 

Description	Part No.	Image								
<p style="text-align: center; font-size: small;">Images and specifications can be subject to change without notice</p>										
<p>pneuMATO-Pneumatic Oil Pump Systems</p>										
<p>for 1000 l Tank with 4 m delivery hose</p>										
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Liter Tank with foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN12 (1/2") with swivel nut for easy and simple installation</p>										
<p>either with</p>										
<ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version 										
<p>The system is also available with a 700 Liter Tank. Price upon request</p>										
<p>(Supplied without Tank)</p>										
<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Lube-Station P-1000-4 with oil control gun</td> <td style="text-align: right;">34 025 87</td> </tr> <tr> <td>Lube-Station P-1000-4 with DIGIMET E35</td> <td style="text-align: right;">34 024 40</td> </tr> <tr> <td>Lube-Station P-1000-4 with DIGIMET E30 Preset</td> <td style="text-align: right;">34 026 31</td> </tr> <tr> <td>Lube-Station P-1000-4-E, with electronic Meter, approved</td> <td style="text-align: right;">34 033 00</td> </tr> </table>			Lube-Station P-1000-4 with oil control gun	34 025 87	Lube-Station P-1000-4 with DIGIMET E35	34 024 40	Lube-Station P-1000-4 with DIGIMET E30 Preset	34 026 31	Lube-Station P-1000-4-E, with electronic Meter, approved	34 033 00
Lube-Station P-1000-4 with oil control gun	34 025 87									
Lube-Station P-1000-4 with DIGIMET E35	34 024 40									
Lube-Station P-1000-4 with DIGIMET E30 Preset	34 026 31									
Lube-Station P-1000-4-E, with electronic Meter, approved	34 033 00									
<p>pneuMATO-Pneumatic Oil Pump Systems</p>										
<p>for 1000 l Tank with 8 m delivery hose</p>										
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Liter Tank with foot valve, for approved unit with air eliminator valve, 8 m delivery hose DN12 (1/2") with swivel nut for easy and simple installation</p>										
<p>either with</p>										
<ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version 										
<p>The system is also available with a 700 Liter Tank. Price upon request</p>										
<p>(Supplied without Tank)</p>										
<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Lube-Station P-1000-8 with oil control gun</td> <td style="text-align: right;">34 026 00</td> </tr> <tr> <td>Lube-Station P-1000-8 with DIGIMET E35</td> <td style="text-align: right;">34 024 57</td> </tr> <tr> <td>Lube-Station P-1000-8 with DIGIMET E30 Preset</td> <td style="text-align: right;">34 026 17</td> </tr> <tr> <td>Lube-Station P-1000-8-E, with electronic Meter, approved</td> <td style="text-align: right;">34 033 17</td> </tr> </table>			Lube-Station P-1000-8 with oil control gun	34 026 00	Lube-Station P-1000-8 with DIGIMET E35	34 024 57	Lube-Station P-1000-8 with DIGIMET E30 Preset	34 026 17	Lube-Station P-1000-8-E, with electronic Meter, approved	34 033 17
Lube-Station P-1000-8 with oil control gun	34 026 00									
Lube-Station P-1000-8 with DIGIMET E35	34 024 57									
Lube-Station P-1000-8 with DIGIMET E30 Preset	34 026 17									
Lube-Station P-1000-8-E, with electronic Meter, approved	34 033 17									



Description	Part No.	
Compact Air Operated Oil Systems		
with 1000 l Tank with 4 m delivery hose		
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Liter Tank with foot valve, for approved unit with air eliminator valve, double skinned 1000l oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, 4 m delivery hose DN12 (1/2") with swivel nut</p>		
<p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version 		
<p>The system is also available with a 700 l Tank. Price upon request</p>		
<p>Lube-Tank P-1000T-4 with oil control gun</p>	<p>34 026 55</p>	
<p>Lube-Tank P-1000T-4 with DIGIMET E35</p>	<p>34 025 70</p>	
<p>Lube-Tank P-1000T-4 with DIGIMET E30 Preset</p>	<p>34 026 62</p>	
<p>Lube-Tank P-1000T-4-E, with electronic Meter, approved</p>	<p>34 034 30</p>	
Compact Air Operated Oil Systems		
with 1000 l Tank with 8 m delivery hose		
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Liter Tank with foot valve, for approved unit with air eliminator valve, double skinned 1000 l oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, 8 m delivery hose DN12 (1/2") with swivel nut</p>		
<p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version 		
<p>The system is also available with a 700 l Tank. Price upon request</p>		
<p>Lube-Tank P-1000T-8 with oil control gun</p>	<p>34 026 79</p>	
<p>Lube-Tank P-1000T-8 with DIGIMET E35</p>	<p>34 025 94</p>	
<p>Lube-Tank P-1000T-8 with DIGIMET E30 Preset</p>	<p>34 026 86</p>	
<p>Lube-Tank P-1000T-8-E, with electronic Meter, approved</p>	<p>34 034 78</p>	
Compact Air Operated Oil Systems		
with 1000 l Tank with 10m Hose Reel, DN 12		
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Liter Tank with foot valve, for approved unit with air eliminator valve, double skinned 1000 l oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, Hose Reel, open with 10 m delivery hose DN12 (1/2")</p>		
<p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - DIGIMET E30 Preset Meter with engine oil nozzle - Electronic Hose End Meter, approved version 		
<p>The system is also available with a 700 l Tank. Price upon request</p>		
<p>Lube-Tank P-1000T-R with oil control gun</p>	<p>34 026 93</p>	
<p>Lube-Tank P-1000T-R with DIGIMET E35</p>	<p>34 027 30</p>	
<p>Lube-Tank P-1000T-R with DIGIMET E30 Preset</p>	<p>34 027 09</p>	
<p>Lube-Tank P-1000T-R-E, with electronic Meter, approved</p>	<p>34 035 60</p>	




Description	Images and specifications can be subject to change without notice	Part No.
<p>pneuMATO-Pneumatic Oil Pump Systems for 1000 l IBC-Container with 4 m delivery hose Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Pump bracket with 2" TriSure-Adaptor (male) to 2" BSP (female) Steel suction tube for 1000 Liter IBC-Container with foot valve, for approved unit with air eliminator valve, drip tray with holder, 4 m delivery hose DN12 (1/2") with swivel nut</p> <p>either with - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version</p> <p>(Supplied without IBC-Container)</p>		
<p>Lube-Station IBC-1000-4 with DIGIMET E35</p> <p>Lube-Station IBC-1000-4-E, with electronic Meter, approved</p>		
<p>pneuMATO-Pneumatic Oil Pump Systems for 1000 l IBC-Container with 10 m Hose Reel DN12 Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Pump bracket with 2" TriSure-Adaptor (male) to 2" BSP (female) Steel suction tube for 1000 Liter IBC-Container with foot valve, for approved unit with air eliminator valve, drip tray with holder, Hose Reel, open with 10 m delivery hose DN12 (1/2")</p> <p>either with - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version</p> <p>(Supplied without IBC-Container)</p>		
<p>Lube-Station IBC-1000-R with DIGIMET E35</p> <p>Lube-Station IBC-1000-R-E, with electronic Meter, approved</p>		


Description	Images and specifications can be subject to change without notice	Part No.	
pneuMATO 1-AF Pump Systems Unit for Anti-Freeze with 4 m delivery hose			
Oil Pump pneuMATO 1 with pressure ratio 1:1, Steel suction tube with foot valve, 4 m delivery hose DN12 (1/2") with swivel nut, Hose End Meter DIGIMET E35-AF			
pneuMATO 1-AF for 200 Liter Drum		34 040 24	
pneuMATO 1-AF for 1000 Liter Tank		34 040 48	
pneuMATO 1-AF Pump Systems, Mobile for Anti-Freeze for 200 Liter Drum			
Oil Pump pneuMATO 1 with pressure ratio 1:1, Steel suction tube with foot valve, 4 m delivery hose DN 12 (1/2") with swivel nut or Hose Reel, open with 10 m delivery hose DN 12 (1/2"), robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor, Hose End Meter DIGIMET E35-AF			
pneuMATO 1-AF mobile with 4 m delivery hose DN12		34 040 79	
pneuMATO 1-AF mobile with 10m Hose Reel DN12		34 040 93	
pneuMATO 1-AF Compact Air Operated System for Anti-Freeze with 1000 l Tank			
Oil Pump pneuMATO 1 with pressure ratio 1:1, Steel suction tube with foot valve, 4 m delivery hose DN 12 (1/2") with swivel nut or Hose Reel, open with 10m delivery hose DN 12 (1/2"), 1000 Liter oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, Hose End Meter DIGIMET E35-AF			
Lube-Tank AF-1000-T-4 with 4 m delivery hose DN12		34 041 16	
Lube-Tank AF-1000-T-R with 10m Hose Reel DN12		34 041 30	
pneuMATO 1-AF Pump Systems Unit for Anti-Freeze for 1000 Liter IBC-Container			
Oil Pump pneuMATO 1 with pressure ratio 1:1, Pump bracket with 2" TriSure-Adaptor (male) to 2" BSP (female) Steel suction tube for 1000 Liter IBC-Container with foot valve, 4 m delivery hose DN 12 (1/2") with swivel nut or Hose Reel, open with 10 m delivery hose DN12 (1/2"), drip tray with holder, Hose End Meter DIGIMET E35-AF			
(Supplied without IBC-Container)			
Lube-Station AF-IBC-1000-4 with 4 m delivery hose DN12		34 042 15	
Lube-Station AF-IBC-1000-R with 10 m Hose Reel DN12		34 042 46	



Description	Part No.	
Steel Suction Tube for Air Operated Oil Pumps		
Thread 3/4" BSP		
Suction tube for 50/60 Liter Drum	35 618 26	
Suction tube for 200 Liter Drum	35 619 25	
Suction tube for 700 Liter Schütz-Tank	35 619 87	
Suction tube for 1000 Liter Schütz- or Roth-Tank	35 619 49	
Suction tube for 1000 Liter IBC-Container	35 619 63	
Plastic Suction Tube for Air Operated Oil Pumps		
Thread 3/4" BSP		
Plastic telescopic suction tube (520 - 860 mm) with suction filter	35 601 02	
Extension tube, PVC, 400 mm	35 600 10	
Steel Suction Tube 3/4" BSP with air eliminator valve		
for pump installations with PTB / B.O.T. approval		
Suction tube with air eliminator valve for 50/60 Liter Drum	35 619 01	
Suction tube with air eliminator valve for 200 Liter Drum	35 619 18	
Suction tube with air eliminator valve for 700 Liter Schütz-Tank	35 619 70	
Suction tube with air eliminator valve for 1000 Liter Schütz-Tank	35 621 06	
Suction tube with air eliminator valve for 1000 Liter IBC-Container	35 620 90	
2" BSP Right Angle Drum Fitting with Elbow 90°		
1" Male - 3/4" Female		
Right angled drum fitting 2" BSP with elbow 90°	34 704 18	
Steel Suction Tube + 2 m Suct.Hose DN 20 (3/4")		
for wall fitting with 200 Liter drums		
Suction tube with foot valve, 2" BSP Drum Adaptor, 90° Elbow and Suction hose DN 20(3/4"), 2 meters long		
Suction tube and suction hose with foot valve	34 704 56	
Connecting Hose DN20 2,0 m		
with 1" swivel nuts, i.e. connecting pump to suction tube		
Connecting Hose DN20 (3/4") 2,0 m	34 712 00	
Delivery Hose DN12 (1/2")		
with 1/2" Swivel Nuts		
e. g. connecting pump to hose end meter		
Hose length 1,0 m	34 710 02	
Hose length 2,0 m	34 710 26	
Hose length 4,0 m	34 710 40	
Hose length 8,0 m	34 710 64	
Hose length 10,0 m	34 710 88	
Pump Bracket		
Wall bracket with R2" female for 50/60 Liter oil drums and wall fixing		
Wall bracket for wall fixing	34 702 72	
Pump bracket for 50/60 Liter oil drums 350 - 390 mm	34 702 34	





Description	Images and specifications can be subject to change without notice	Part No.	
Air Management System	For installation in the air supply to pneumatic pumps, with pressure regulator, pressure gauge, water filter and lubricator	39 902 20	
It is important that all pneumatic pumps are used with an air management system to secure the supply of clean, dry and oiled air. Please consult the operation manuals of the pneumatic pumps to see warranty statements.	Air Management System		
Trolley for 25-60 Liter Oil Containers	robust, zinc plated trolley complete with barrel fixing bracket	34 700 74	
Trolley for 25-60 Liter Oil Containers	Trolley for 200 l Oil Drums or 200 kg Grease Kegs		
black painted, robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve	Trolley for 200 Liter Oil Drums or 200 kg Grease Kegs	34 701 80	
Screw Cap for IBC-Container	Screw Cap for IBC-Container complete with 2" TriSure-Adaptor (male) to 2" BSP (female)	34 705 24	
Screw Cap for IBC-Container	2" TriSure-Adaptor (male) to 2" BSP (female)		
2" TriSure-Adaptor (male) to 2" BSP (female) for units with 2" drum adaptor	2" TriSure-Adaptor (male) to 2" BSP (female), orange	34 705 00	
Suction Hose DN 20 for	Double Diaphragm Pump DP-60 1,5 m Suction Hose DN 20, single sided DKR 3/4" with 2" Drum Adaptor with Suction Filter and Foot Valve	34 711 25	
Suction Hose DN 20	Delivery Hose DN 20 for		
Double Diaphragm Pump DP-60	Delivery Hose DN 20, double sided DKR 3/4"	34 713 54	
Delivery Hose DN 20 4,0 m for DP-60	Delivery Hose DN 20 8,0 m for DP-60		34 713 92
Double Ended Connector	Designed for DP-60	39 913 40	
Double Ended Connector 3/4"-3/4" AG	Ball Valve Nozzle Assembly for		
Double Diaphragm Pump DP-60	Thread 3/4 "	34 620 48	
Ball Valve Nozzle Assembly for DP-60			



Description	Images and specifications can be subject to change without notice	Part No.
<p>Electric Gear Pump EP 100</p> <p>11 l/min. 8 bar</p> <p>self priming gear pump with 3 m mains cable, integral by-pass pressure regulator, protected on/off switch, for engine, gearbox and hydraulic oils of low to medium viscosity, not suitable for high resistance and over long distances, low pressure performance at a moderate flow rate</p> <p>Fluids according Hazard Class A3 with a flash point higher than 55° C</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.37kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p>		
<p>Electric Gear Pump EP 100</p>		<p>34 339 32</p>
<p>Electric Gear Pump EP 200</p> <p>11 l/min. 16 bar</p> <p>self priming gear pump with 3 m mains cable, integral by-pass pressure regulator, protected on/off switch, suitable for use in long pipework systems and/or for high viscosity engine, gearbox and hydraulic oils high pressure performance at a moderate flow rate</p> <p>Fluids according Hazard Class A3 with a flash point higher than 55° C</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.75kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p>		
<p>Electric Gear Pump EP 200</p>		<p>34 339 63</p>
<p>Electric Gear Pump EP 200-DS</p> <p>11 l/min. 16 bar with Pressure Switch</p> <p>Pump without accessories, details as for EP 200, but with Pressure Switch providing automatic switch off of pump when set pressure is reached i.e. when the oil control gun is closed. When pressure falls i.e. when oil control gun is opened, the pump is switched on</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.75kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p>		
<p>Electric Gear Pump EP 200-DS</p>		<p>34 339 87</p>




Description	Images and specifications can be subject to change without notice	Part No.
<p>Electric Gear Pump EP 300 22 l/min. 8 bar self priming gear pump with 3 m mains cable, integral by-pass pressure regulator, protected on/off switch, for engine, gearbox and hydraulic oils of low to medium viscosity, not suitable for high resistance and over long distances, low pressure performance at a high flow rate Fluids according Hazard Class A3 with a flash point higher than 55° C</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.37kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p> <p>Electric Gear Pump EP 300</p>		
<p>Electric Gear Pump EP 300-DS 22 l/min. 8 bar with Pressure Switch Pump without accessories, details as for EP 300, but with Pressure Switch providing automatic switch off of pump when set pressure is reached i.e. when the oil control gun is closed. When pressure falls i.e. when oil control gun is opened, the pump is switched on</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.37kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p> <p>Electric Gear Pump EP 300-DS</p>		
<p>Electric Gear Pump EP 400 22 l/min. 16 bar self priming gear pump with 3 m mains cable, integral by-pass pressure regulator, protected on/off switch, suitable for use in long pipework systems and/or for high viscosity engine, gearbox and hydraulic oils, high pressure performance at a high flow rate Fluids according Hazard Class A3 with a flash point higher than 55° C</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.75kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p> <p>Electric Gear Pump EP 400</p>		
<p>Electric Gear Pump EP 400-DS 22 l/min. 16 bar with Pressure Switch Pump without accessories, details as for EP 400, but with Pressure Switch providing automatic switch off of pump when set pressure is reached i.e. when the oil control gun is closed. When pressure falls i.e. when oil control gun is opened, the pump is switched on</p> <p>Output: approx. 22 L/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.75kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p> <p>Electric Gear Pump EP 400-DS</p>		



Description	Images and specifications can be subject to change without notice	Part No.
<p>Electric Gear Pump System EP200-electronic 11 l/min. 16 bar Pump system with Electronic Control System Pressure Impulse Control</p> <p>Patented pump system with electronically controlled pump unit. The combined Pressure and Flow Monitoring System provides optimum pump performance with increased reliability compared with the traditional Pressure Switch control.</p> <p>Additional leakage protection through individually adjustable running time of the pump.</p> <p>Perfect and smooth control of pump function is guaranteed, irrespective of operating parameters such as flow range, pipe diameter, temperature, oil viscosity etc. A further adjustment of the pressure switch at this pump system is not necessary</p> <p>High pressure performance at a moderat flow rate.</p> <p>Fluids according Hazard Class A3 with a flash point higher than 55° C</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.75kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p>		
<p>Electric Gear Pump System EP200-electronic</p>		<p>34 368 03</p>
<p>Electric Gear Pump System EP400-electronic 22 l/min. 16 bar Pump system with Electronic Control System Pressure Impulse Control</p> <p>Patented pump system with electronically controlled pump unit. The combined Pressure and Flow Monitoring System provides optimum pump performance with increased reliability compared with the traditional Pressure Switch control.</p> <p>Additional leakage protection through individually adjustable running time of the pump.</p> <p>Perfect and smooth control of pump function is guaranteed, irrespective of operating parameters such as flow range, pipe diameter, temperature, oil viscosity etc. A further adjustment of the pressure switch at this pump system is not necessary</p> <p>High pressure performance at a high flow rate.</p> <p>Fluids according Hazard Class A3 with a flash point higher than 55° C</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m Electric Data: 230V, 50Hz, 4.0A, 0.75kW, IP55 Threads: 3/4" (outlet) / 1" (inlet)</p>		<div data-bbox="1120 1146 1407 1236" style="border: 1px solid black; padding: 5px; text-align: center;"> <p>New with leak protection</p> </div> 
<p>Electric Gear Pump System EP400-electronic</p>		<p>34 368 10</p>

Description	Images and specifications can be subject to change without notice	Part No.
<p>Electric Gear Pump System EP100 for 200 Liter Drum with 4 m delivery hose DN 12 Oil Pump EP 100, Steel suction tube for 200 Liter Drum with 2" Drum Adaptor and foot valve, 4 m delivery hose DN12 (1/2") with swivel nut</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m</p> <p>EP100 Lube-Station E-200-4 with Oil control gun 34 337 10 EP100 Lube-Station E-200-4 with DIGIMET E35 34 337 34</p>		
<p>Electric Gear Pump System EP100 for 1000 Liter Tank with 4 m delivery hose DN 12 as described above, but with steel suction tube for 1000 Liter Tank</p> <p>(Supplied without Tank, Bracket and Drip Tray)</p> <p>The system is also available with a 700 l Tank. Price on application</p> <p>EP100 Lube-Station E-1000-4 with Oil control gun 34 337 58 EP100 Lube-Station E-1000-4 with DIGIMET E35 34 337 72</p>		
<p>Electric Gear Pump System EP300 for 200 Liter Drum with 4 m delivery hose DN 20 Oil Pump EP 300, Steel suction tube for 200 Liter Drum with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN20 (3/4") with swivel nut</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m</p> <p>EP300 Lube-Station E-200-4 with Oil control gun 34 341 06 EP300 Lube-Station E-200-4 with DIGIMET E35 34 341 44 EP300 Lube-Station E-200-4-E, with electronic Meter, approved 34 352 40</p>		
<p>Electric Gear Pump System EP300 for 1000 Liter Tank with 4 m delivery hose DN 20 as described above, but with steel suction tube for 1000 Liter Tank</p> <p>(Supplied without Tank, Bracket and Drip Tray)</p> <p>The system is also available with a 700 l Tank. Price on application</p> <p>EP300 Lube-Station E-1000-4 with Oil control gun 34 341 20 EP300 Lube-Station E-1000-4 with DIGIMET E35 34 341 82 EP300 Lube-Station E-1000-4-E, with electronic Meter, approved 34 356 60</p>		




Description	Images and specifications can be subject to change without notice	Part No.
Electric Gear Pump System EP300-DS		
for 200 Liter Drum with Pressure Switch		
Oil Pump EP 300-DS, Steel suction tube for 200 Liter Drum with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN20 (3/4") with swivel nut		
either with - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version		
Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m		
EP300-DS Lube-Station E-200-4 with Oil control gun EP300-DS Lube-Station E-200-4 with DIGIMET E35 EP300-DS Lube-Station E-200-4-E, with electronic Meter, approved		34 342 36 34 341 99 34 353 70
Electric Gear Pump System EP300-DS		
for 1000 Liter Tank with Pressure Switch		
as described above, but with steel suction tube for 1000 Liter Tank for approved unit with air eliminator valve		
either with - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version		
(Supplied without Tank, Bracket and Drip Tray)		
The system is also available with a 700 l Tank. Price on application		
EP300-DS Lube-Station E-1000-4 with Oil control gun EP300-DS Lube-Station E-1000-4 with DIGIMET E35 EP300-DS Lube-Station E-1000-4-E, with electronic Meter, approved		34 342 50 34 342 12 34 359 50







Description	Part No.	Image
<p>Electric Gear Pump System EP100-F, Mobile for 200 Liter Drum with 4 m delivery hose DN 12 Oil Pump EP 100, Steel suction tube for 200 Liter Drum with 2" Drum Adaptor and foot valve, 4 m delivery hose DN12 (1/2") with swivel nut robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m</p> <p>EP100-F, mobile E-200-4 with Oil control gun 34 338 19 EP100-F, mobile E-200-4 with DIGIMET E35 34 338 33</p>		
<p>Electric Gear Pump System EP200-F, Mobile for 200 Liter Drum with 10 m Hose Reel, DN 12 Oil Pump EP 200, Steel suction tube for 200 Liter Drum with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor, Hose Reel, open with 10 m delivery hose DN12 (1/2")</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m</p> <p>EP200-F, mobile E-200-R with Oil control gun 34 338 57 EP200-F, mobile E-200-R with DIGIMET E35 34 338 71 EP200-F, mobile E-200-R-E, with electronic Meter, approved 34 338 95</p>		
<p>Electric Gear Pump System EP300-F, Mobile for 200 Liter Drum with 4 m delivery hose DN 20 Oil Pump EP 300, Steel suction tube for 200 l Drum with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN20 (3/4") with swivel nut robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m</p> <p>EP300-F, mobile E-200-4 with Oil control gun 34 343 59 EP300-F, mobile E-200-4 with DIGIMET E35 34 343 80 EP300-F, mobile E-200-4-E, with electronic Meter, approved 34 366 50</p>		

Description	Images and specifications can be subject to change without notice	Part No.	
Electric Gear Pump System EP100 with 1000 Liter Tank with 4 m delivery hose DN12 Oil Pump EP 100, Steel suction tube for 1000 Liter Tank with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN12 (1/2") with swivel nut, 1000 Litre oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, pump bracket either with - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar , Suction head to 2,5 m			
EP100 Lube-Tank E-1000-4 with Oil control gun		34 345 26	
EP100 Lube-Tank E-1000-4 with DIGIMET E35		34 345 33	
EP100 Lube-Tank E-1000-4-E, with electronic Meter, approved		34 360 63	
Electric Gear Pump System EP300 with 1000 Liter Tank with 4 m delivery hose DN20 Oil Pump EP 300, Steel suction tube for 1000 Liter Tank with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN20 (3/4") with swivel nut, 1000 Litre oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, pump bracket either with - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar , Suction head to 2,5 m			
EP300 Lube-Tank E-1000-4 with Oil control gun		34 345 57	
EP300 Lube-Tank E-1000-4 with DIGIMET E35		34 345 40	
EP300 Lube-Tank E-1000-4-E, with electronic Meter, approved		34 360 70	

Description	Part No.	Image
<p>Compact Electric Oil Pump System EP200 with 1000 Liter Tank and 10 m Hose Reel, DN12 Oil Pump EP 200, Steel suction tube for 1000 Liter Tank with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, Hose Reel, open with 10 m delivery hose DN12 (1/2") 1000 Liter oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, pump bracket</p> <p>either with - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m</p> <p>EP200 Lube-Tank E-1000-R with DIGIMET E35 34 348 16 EP200 Lube-Tank E-1000-R-E, with electronic Meter, approved 34 362 85</p>		
<p>Compact Electric Oil Pump System EP200-DS with 1000 l Tank, Pressure Switch and Hose Reel</p> <p>as described above, but with Pressure Switch</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m</p> <p>EP200-DS Lube-Tank E-1000-R with DIGIMET E35 34 348 23 EP200-DS Lube-Tank E-1000-R-E, with electronic Meter, approved 34 364 76</p>		
<p>Compact Electric Oil Pump System EP400 with 1000 Liter Tank and 8 m Hose Reel, DN16 Oil Pump EP 400, Steel suction tube for 1000 Liter Tank with 2" Drum Adaptor and foot valve, for approved unit with air eliminator valve, Hose Reel, open with 8 m delivery hose DN16 (3/4") 1000 Liter oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, pump bracket</p> <p>either with - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2.5 m</p> <p>EP400 Lube-Tank E-1000-R with DIGIMET E35 34 348 30 EP400 Lube-Tank E-1000-R-E, with electronic Meter, approved 34 363 60</p>		
<p>Compact Electric Oil Pump System EP400-DS with 1000l Tank, Pressure Switch and Hose Reel</p> <p>as described above, but with Pressure Switch</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m</p> <p>EP400-DS Lube-Tank E-1000-R with DIGIMET E35 34 349 60 EP400-DS Lube-Tank E-1000-R-E, with electronic Meter, approved 34 364 90</p>		

Description	Part No.	Image
<p>Electric Oil Pump System EP100-IBC for 1000 l IBC-Container with 4 m delivery hose Electric Oil Pump EP 100, Pump bracket with 2" TriSure-Adaptor (male) to 2" BSP (female) Steel suction tube for 1000 Liter IBC-Container with foot valve, for approved unit with air eliminator valve, drip tray with holder, 4 m delivery hose DN12 (1/2") with swivel nut</p> <p>either with</p> <ul style="list-style-type: none"> - Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>(Supplied without IBC-Container)</p> <p>Output: approx. 11 l/min. (SAE30 at free delivery) Max. Pressure: approx. 8 bar, Suction head to 2,5 m</p>		
<p>EP100-IBC Lube-Station E-1000-4 with Oil control gun</p>	<p>34 037 20</p>	
<p>EP100-IBC Lube-Station E-1000-4 with DIGIMET E35</p>	<p>34 037 51</p>	
<p>EP100-IBC Lube-Station E-1000-4-E, with electronic Meter, approved</p>	<p>34 037 82</p>	
<p>Electric Oil Pump System EP400-IBC for 1000 l IBC-Container with 8 m Hose Reel, DN16 Electric Oil Pump EP 400, Pump bracket with 2" TriSure-Adaptor (male) to 2" BSP (female) Steel suction tube for 1000 Litre IBC-Container with foot valve, for approved unit with air eliminator valve, drip tray with holder, Hose Reel, open with 8 m delivery hose DN16 (3/4")</p> <p>either with</p> <ul style="list-style-type: none"> - DIGIMET E35 Hose End Meter with engine oil nozzle - Electronic Hose End Meter, approved version <p>(Supplied without IBC-Container)</p> <p>Output: approx. 22 l/min. (SAE30 at free delivery) Max. Pressure: approx. 16 bar, Suction head to 2,5 m</p>		
<p>EP400-IBC Lube-Station E-1000-R with DIGIMET E35</p>	<p>34 038 05</p>	
<p>EP400-IBC Lube-Station E-1000-R-E, with electronic Meter, approved</p>	<p>34 039 04</p>	











Description	Part No.	Image
<small>Images and specifications can be subject to change without notice</small>		
Steel Suction Tube for Electric Pumps		
with 2" drum adaptor		
Steel Suction Tube with 2" Drum Adaptor Thread 1"		
Steel Suction Tube for 50/60 Liter Drum	35 620 21	
Steel Suction Tube for 200 Liter Drum	35 620 38	
Steel Suction Tube for 700 Liter Tank	35 620 52	
Steel Suction Tube for 1000 Liter Tank and IBC-Container	35 620 76	
Steel Suction Tube for approved Electric Pumps		
with Air Eliminator Valve		
Suction Tubes for approved Electric Pump Systems with 2" Drum Adaptor		
Suction tube with air eliminator valve for 50/60 Liter Drum	35 618 95	
Suction tube with air eliminator valve for 200 Liter Drum	35 619 94	
Suction tube with air eliminator valve for 700 Liter Schütz-Tank	35 619 56	
Suction tube with air elimin. valve for 1000 l Tank and IBC-Container	35 619 32	
Suction Hose DN 25		
with both ends 1" swivel nuts		
Suction Hose 500 mm R1" straight	34 712 24	
Suction Hose 2000 mm R1" 90° elbow at one end	34 712 48	
Delivery Hose DN 20		
with both ends 3/4" swivel nuts		
Delivery Hose DN20 3/4" Swivel Nuts 1,5 m	34 713 16	
Delivery Hose DN20 3/4" Swivel Nuts 4,0 m	34 713 54	
Delivery Hose DN20 3/4" Swivel Nuts 8,0 m	34 713 92	
Trolley for 200 l Oil Drums or 200 kg Grease Kegs		
black painted, robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve		
Trolley for 200 Liter Oil Drums or 200 kg Grease Kegs	34 701 80	

Description	Images and specifications can be subject to change without notice	Part No.	
Pumps Brackets for Electric Pumps and Hose Reels			
for 700 und 1000 Liter Oil and Waste Oil Tanks			
Pump Bracket for Schütz-Tank	700/1000 Liter	34 703 26	
Pump Bracket for Roth - Tank	700/1000 Liter	34 703 33	
Pump Bracket for Nau + Dehoust - Tank	700/1000 Liter	34 703 40	
Pump Bracket for 1000 Liter IBC-Container		34 703 19	
Wall Bracket for Electric Pumps			
for safe mounting of electric pumps			
Wall Bracket for Electric Pumps		34 702 96	
Carrying Handle for EP300, EP400 and AEP100			
Carrying Handle for electric gear pumps			
Carrying Handle for EP300, EP400 and AEP100		35 590 14	
Drip Tray with Holder for Oil Control Gun or Hose End Meter			
Tank or wall mounted, with removable drip tray			
For Tank and IBC container mounted with special clamps			
Drip Tray for Wall Mounting		34 707 60	
Drip Tray for Tank Mounting		34 707 77	
Drip Tray for 1000 Liter IBC-Container		34 708 07	
Screw Cap for IBC-Container			
Screw Cap for IBC-Container complete with 2" TriSure-Adaptor (male) to 2" BSP (female)			
Screw Cap for IBC-Container		34 705 24	
2" TriSure-Adaptor (male) to 2" BSP (female)			
2" TriSure-Adaptor (male) to 2" BSP (female) for units with 2" drum adaptor			
2" TriSure-Adaptor (male) to 2" BSP (female)		34 705 00	



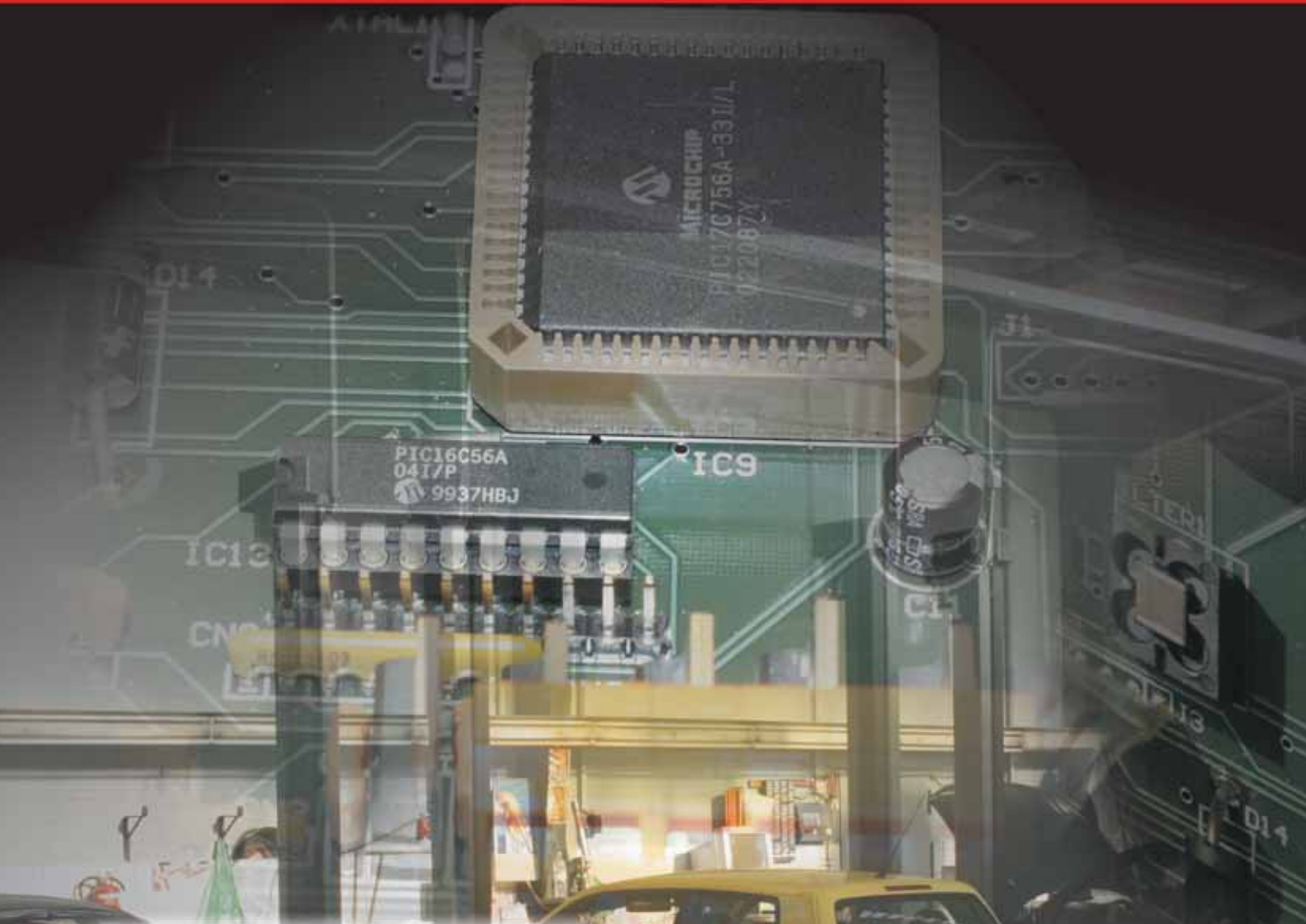
Description	Images and specifications can be subject to change without notice	Part No.	
Electric Vane Pump EP 60			
Self Priming Vane Pump with Integral Bypass Pressure Regulator, 2 m Supply Cable, designed for Vegetable Oil and products to 500 cSt.			
Output : approx. 60 L/min (free delivery) Max. Pressure: approx. 6 bar, Suction Head to 2,5 m, Electric Detail : 230V, 50 Hz, 1.6 KW, IP55 Connections: R 1" female			
Electric Vane Pump EP 60		34 310 20	
In Line Flow Meter DIGIMET M100			
Volumetric measurement principle, Mechanical Meter, Calibratable, Flow Rates of between 10-100 Liters per minute, Maximum Operating Pressure 10 bar, Threads R1" Female, Accuracy +/- 1% after calibration, delivery counter 0-999 l resettable, 6 Digit Totaliser, Aluminium Body, also suitable for Lubricating Oils. The Cover can be repositioned to suit the preferred direction of flow.			
In Line Flow Meter DIGIMET M100		35 409 06	
In Line Flow Meter DIGIMET E100			
Volumetric measurement principle, Mechanical Meter, Calibratable, Flow Rates of between 10-100 Liters per minute, Maximum Operating Pressure 30 bar, Threads R1" Female, Accuracy +/- 0,5% after calibration, delivery counter 0-999 l resettable, 8 Digit Totaliser, rotatable Display, Aluminium Body, also suitable for Lubricating Oils.			
In Line Flow Meter DIGIMET E110		35 410 95	
Meter Mounting Kit for EP 60			
Double Ended Connector with plastic seal G1"			
Meter Mounting Kit for EP 60		35 420 78	
Suction Hose DN25 with 2" Drum Adaptor			
for EP60, EP140 and EP12/24 PLUS, R1" at one end, with Suction Filter and Non-Return Valve			
Suction Hose DN25 R1" Connections 2.0m		34 712 86	
Steel Suction Tube with 2" Drum Adaptor			
Steel Suction Tube for 200 Liter Drum		35 620 38	
Steel Suction Tube for 700 Liter Tank		35 620 52	
Steel Suction Tube for 1000 Liter Tank		35 620 76	
Suction Hose DN25			
Suction Hose with R1" Swivel Nuts at each end			
Suction Hose 500 mm R1" Connections		34 712 24	
Delivery Hose DN25			
for EP60, EP140 and EP12/24 PLUS, R1" Connections			
Delivery Hose DN 25 - Hose Length 4,0 Meters		34 715 14	
Delivery Hose DN 25 - Hose Length 8,0 Meters		34 715 76	
Automatic Filling Gun AZ for Vegetable Oil			
for Flow Rates up to 80 l/min., with Swivel, R1" Male Thread designed for Vegetable Oil and Products to 500 cSt.			
Automatic Filling Gun AZ for Vegetable Oil, Flow Rate up to 60 l/min.		34 393 92	
Automatic Filling Gun AZ for Vegetable Oil, Flow Rate up to 80 l/min.		34 394 22	



Description	Part No.	Image
<small>Images and specifications can be subject to change without notice</small>		
Oil Filling Gun with Protector and Swivel		
Swivel and 2 Double Ended Connectors 1/2"-1/2" (male) & 1/2"-3/4" (male) included max. working pressure 100 bar		
Oil Filling Gun without Nozzle	35 400 36	
Oil Filling Gun with non-drip nozzle for engine oil	35 401 73	
Oil Filling Gun for gear oil without non-drip nozzle	35 402 27	
Oil Filling Gun for gear oil with non-drip nozzle	35 402 03	
Oil Filling Gun with hose and non-drip nozzle for engine oil	35 403 33	
Electronic Line Meter DIGIMET E35		
Resettable with LCD Display. For details and technical data see below		
DIGIMET E35 - Line Meter 1/2" female	35 410 02	
DIGIMET E35 - Line Meter 1/2" male/female	35 410 19	
DIGIMET E35 - Line Meter 3/4" male/female	35 410 33	
DIGIMET E35 Hose End Meter		
with LCD display, Swivel, with Nozzle and Oil Filling Gun, maximum flow rate 35 l/min, 2 displays (totaliser and resettable display of dispense), Accuracy +/- 0.5 %, with protector, calibratable, with nipples for 1/2" and 3/4" outlets max. 100 bar, facility for Flow Rate Metering		
DIGIMET E35 Hose End Meter without Nozzle	35 411 63	
DIGIMET E35 Hose End Meter with non-drip nozzle for engine oil	35 411 70	
DIGIMET E35 Hose End Meter for gear oil without non-drip nozzle	35 411 87	
DIGIMET E35 Hose End Meter for gear oil with non-drip nozzle	35 411 94	
DIGIMET E35 with hose and non-drip nozzle for engine oil	35 412 17	

Description	Images and specifications can be subject to change without notice	Part No.	
DIGIMET E30 for Preset Delivery	Preset delivery from 0.1 to 99.9 Liters The oil filling gun closes automatically after preset dispense Accuracy +/- 0.5%, Working pressure max. 67 bar, Swivel and double ended connector 1/2"- 3/4" male. Electronic LCD display		
DIGIMET E30 Preset without Nozzle		35 414 15	
DIGIMET E30 Preset with non-drip nozzle for engine oil		35 414 22	
DIGIMET E30 Preset for gear oil with non-drip nozzle		35 414 39	
DIGIMET E30 Preset with hose and non-drip nozzle for engine oil		35 414 46	
Electronic Hose End Meter , with swivel	calibratable to legal measuring standards		
Electronic Hose End Meter, designed to meet the european Measurements Instrument Directive MID , based on OIML R117 . Unit features permanent data memory, resettable digital display, max. working pressure 100 bar, flow range: 1 - 10 l/min. Accuracy +/- 0.3% (8-2000 mPas), with double ended connectors 1/2" and 3/4" male. (Producer calibration certificate included).	<i>New</i>		
Only MATO oil transfer systems that are configured with this meter AND electric/pneumatic pump components made by MATO meet the directives of MID			
Electronic Hose End Meter MID, without nozzle		35 414 91	
Electronic Hose End Meter MID, with non-drip nozzle for engine oil		35 415 07	
Electronic Hose End Meter MID, for gear oil with non-drip nozzle		35 415 14	
Electronic Hose End Meter MID, with hose and non-drip nozzle for engine oil		35 415 21	

Description	Part No.	Image
<p>DIGIMET E35-AF Hose End Meter for anti-freeze and water based fluids with LCD display, swivel, with gun and non-drip nozzle, maximum flow rate 35 l/min, 2 displays (totaliser and resettable display of dispense), accuracy +/- 0.5 %, with protector, calibratable, with nipples for 1/2" and 3/4" outlets max. 100 bar, facility for flow rate metering</p>		
<p>Brake fluids and other fluids on request!</p>		
<p>DIGIMET E35-AF Hose End Meter with hose and non-drip nozzle</p>	<p>35 412 31</p>	
<p>Electronic Line Meter DIGIMET E35-AF Resettable with LCD Display, 5-digit, 1/2" inlets For technical data see DIGIMET E35-AF Hose End Meter</p>		
<p>Electronic Line Meter DIGIMET E35-AF</p>	<p>35 410 71</p>	
<p>DIGIMET E35-WS Hose End Meter for windscreen cleaner and AdBlue® with LCD display, 5-digit, PVC measuring chamber, Viton seals, swivel and nozzle in stainless steel, flow rate 0.5l to 35 l/min. 2 displays (totaliser and resettable display of dispense), accuracy +/- 0.5 % calibratable, with R1/2" female thread, max. 10 bar, facility for Flow Rate Metering</p>		
<p>DIGIMET E35-WS Hose End Meter with non-drip nozzle</p>	<p>35 412 48</p>	
<p>Accessories for Oil Filling Guns and Hose Meters</p>		
<p>Nozzle with non-drip nozzle for engine oil</p>	<p>35 402 58</p>	
<p>Nozzle for gear oil without non-drip nozzle</p>	<p>35 402 72</p>	
<p>Nozzle for gear oil with non-drip nozzle</p>	<p>35 402 65</p>	
<p>Flexible hose with non-drip nozzle for engine oil</p>	<p>35 402 96</p>	
<p>Sight glass for approved Hose End Meter</p>	<p>35 412 93</p>	
<p>Straight swivel, 1/2" female / male</p>	<p>35 490 08</p>	
<p>Double ended connector 1/2" - 1/2" male</p>	<p>39 912 03</p>	
<p>Double ended connector 1/2" - 3/4" male</p>	<p>39 912 34</p>	
<p>Rubber protector for Hose End Meter and Line Meter</p>	<p>35 412 62</p>	





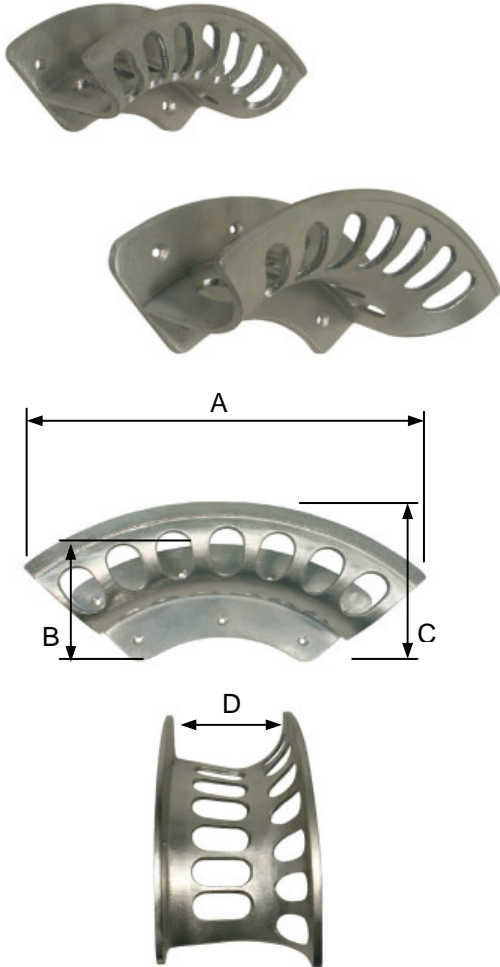
Description	Part No.	Image
Images and specifications can be subject to change without notice		
FLUICON - Programmable Keypad		
without Printer		
FLUICON- Keypad User friendly Each Keypad can control up to 6 dispense points. Simultaneous dispensing from all 6 points. Preset delivery or free dispense. The Keypad can operate as a stand alone unit or be linked to PC data management software. Up to 32 Keypads can be linked together. Up to 192 dispensing points can be controlled. A Maximum of 96 PIN numbers can be used	Please consult our Technical Department before Installation	
FLUICON - Programmable Keypad, approved version		35 800 87
FLUICON - Programmable Keypad	35 800 70	
FLUICON - Programmable Keypad with Integral		
Ticket Printer		
FLUICON- Keypad as described above, but with Integral Printer. A record of each individual dispense will be printed out, which can be attached to a worksheet.		
FLUICON-Keypad with Integral Ticket Printer, approved version	35 801 17	
FLUICON-Keypad with Integral Ticket Printer	35 801 00	
FLUICON Fluid Management Software V 5.1		
Powerful and Intuitive Management Software Tank Level monitoring with low level indication All Keypad parameters and data can be stored and recalled.		
FLUICON Fluid Management Software V 5.1	35 803 60	
Power Supply 230V AC - 24V DC for FLUICON		
Input 110 - 230V AC Output 24V DC		
Power Supply 230V AC - 24V DC for FLUICON	35 802 30	
USB Converter RS232/485		
for connecting FLUICON Keypad to a PC for long distance connections		
USB Converter RS232/485 for connecting FLUICON Keypad to PC	35 804 38	
Solenoid Valve AF-24V DC for FLUICON System		
for Anti-Freeze and hydrous fluids		
Connecting threads: 1/2" female, Inlet/Outlet 90° Working pressure: max. 207 bar (3,000 psi), max.flow 35 L/min		
Solenoid Valve AF-24V DC for FLUICON System	35 805 20	
Solenoid Valve AF-24V DC for FLUICON System		
for Anti-Freeze and hydrous fluids		
Connecting threads: 1/2" female, Inlet/Outlet 90° Working pressure: max. 207 bar (3,000 psi), max.flow 35 L/min		
Solenoid Valve AF-24V DC for FLUICON System	35 805 44	
Solenoid Valve HP-24V DC for FLUICON System		
for Grease		
Connecting threads: R3/8" female, Inlet/Outlet 90° Working pressure: max. 400 bar		
Solenoid Valve HP-24V DC for FLUICON System	35 805 75	

Description	Images and specifications can be subject to change without notice	Part No.	
Pulse Meter for FLUICON System			
for lubricating oils, diesel and light fuel oil			
Output: 100 Pulses per Liter (1 channel) Connecting threads: 1/2" female Accuracy: +/- 0,5%, Pmax 80 bar (1,160 psi), 0,5 - 40 l/min.			
Suitable for Engine, Gearbox and Hydraulic Oils, as well as Diesel and Light Fuel Oil			
Pulse Meter for FLUICON System		35 806 29	
Pulse Meter for FLUICON System, approved			
without Display for lubricating oils			
Output: 2x100 = 200 Pulses per Liter (2 channels) Connecting threads: 1/2" female Accuracy: +/- 0,3%, Pmax 70 bar (1015 psi), 0,5 - 35 l/min.			
Suitable for Engine, Gearbox and Hydraulic Oils			
Pulse Meter for FLUICON System without display, approved		35 806 67	
Pulse Meter for FLUICON System, approved			
with Display for lubricating oils			
Output: 2x100 = 200 Pulses per Liter (2 channels) Connecting threads: 1/2" female Accuracy: +/- 0,3%, Pmax 70 bar (1015 psi), 0,5 - 35 l/min.			
including approved certificate: 1-10 l/min			
Suitable for Engine, Gearbox and Hydraulic Oils			
Pulse Meter for FLUICON System with display, approved		35 806 50	
Pulse Meter AF for FLUICON-System			
for Anti-Freeze and hydrous fluids			
Output: 100 Pulses per Liter (1 channel) Connecting threads: 1/2" female Accuracy: +/- 0,5%, Pmax 100 bar (1,450 psi), 1 - 35 l/min			
Brake fluids and other fluids on request!			
Pulse Meter AF for FLUICON-System		35 806 36	
Pulse Meter DIGIMET E5-P			
for Grease			
Output: 1400 Pulses per Liter (1 channel) Connecting threads: 1/8" female Accuracy: +/- 0,5%, Pmax 1000 bar (14,500 psi), max. flow: 100 - 2500 ccm/min.			
Pulse Meter DIGIMET E5-P		35 417 12	
Remote-Display-Panel LED for FLUICON-System			
4 Digit LED display (character height 57mm) Up to 6 remote display panels can be connected to a single Keypad.			
Remote-Display-Panel LED for FLUICON-System		35 804 90	











Description	Images and specifications can be subject to change without notice	Part No.	
Hose Reel, open with Swivel and Hose Stop, max 60 bar (870 psi) for wall, ceiling and floor mounting suitable for Engine, Gearbox and Hydraulic Oils, as well as diesel, light fuel oil and Anti-Freeze Connecting threads on model DN 12 (1/2") Hose: 1/2" swivel nuts, swivel 1/2" male Connecting threads on model DN 16 (3/4") Hose: 3/4" swivel nuts, swivel 3/4" male Hose Reel, open without hose for max.15 m hose DN12 (1/2") Hose Reel, open without hose for max.12 m hose DN16 (3/4")			
		35 204 10	
		35 204 34	
		35 210 04	
		35 210 11	
		35 210 35	
		35 210 59	
Hose Reel with Stainless Steel Shaft, open with Stainless Steel Swivel, max. 300 bar (4,350 psi) suitable for e.g. windshield cleaner, water, AdBlue® and neutral emulsions. Further liquids upon request. EPDM-hose, conductive DN12 (1/2") max. 20 bar, stainless steel (1.4305) swivel R1/2" outlet Hose Reel with stainless steel shaft, open without hose Hose Reel with stainless steel shaft, open with 10 m hose DN 12 Hose Reel with stainless steel shaft, open with 15 m hose DN 12			<i>New</i>
		35 211 03	
		35 211 27	
		35 211 41	
Hose Reel for Grease, open with Swivel and Hose Stop, max. 500 bar (7,350 psi) for wall, ceiling and floor mounting suitable for use in high pressure applications Hose: 1/4" outlet, swivel 1/4" female Hose Reel for Grease, open without Hose Hose Reel for Grease, open with 10 m Hose DN 6 (1/4") Hose Reel for Grease, open with 15 m Hose DN 6 (1/4")			
		35 307 30	
		35 310 03	
		35 315 15	
Swivels Brass swivel for oil, diesel, anti-freeze, etc., - max. 60 bar Stainless steel swivel for e.g. windshield cleaner, water AdBlue®, max. 300 bar Galvanized steel swivel for grease, max. 500 bar Swivel for Hose Reel DN 12 - 1/2" outlets Swivel for Hose Reel DN 16 - 1/2" - 3/4" outlets Swivel for Hose Reel with stainless steel shaft, 1/2" outlets Swivel for Hose Reel for Grease, 1/2" - 1/4" outlet/inlet			
		35 219 98	
		35 220 01	
		35 221 00	
		35 319 97	
EPDM-hose, conductive Connecting hose for hose reel, open with stainless steel shaft incl. swivel nuts 1/2" in stainless steel, max. 20 bar EPDM-hose, conductive 1 m			<i>New</i>
		34 620 79	
Wall Bracket for open Hose Reels This special mounting bracket enables the open Hose Reels to swivel. The full range of swivel is 120 degrees Wall Bracket for open Hose Reels			
		35 321 23	

Description	Part No.	Images and specifications can be subject to change without notice
Hose Reel, Cased		
with Hose Stop, max 60 bar (870 psi)		
for wall, ceiling and floor mounting suitable for Engine, Gearbox and Hydraulic Oils, as well as diesel, light fuel oil and Anti-Freeze		
Robust Hose Reel with powder coated metal case Modification of three different types possible. The cased Hose Reels can be mounted without gaps in series.		
External Thread for Unit DN 12 - 1/2" outlet		
External Thread for Unit DN 16 - 3/4" outlet		
Dimensions: height/width/depth 470 / 215 / 500 mm		
Hose Reel, Cased with 10 m hose DN 12 (1/2")	35 230 39	
Hose Reel, Cased with 15 m hose DN 12 (1/2")	35 230 60	
Hose Reel, Cased with 8 m hose DN 16 (3/4")	35 232 06	
Hose Reel, Cased with 12 m hose DN 16 (3/4")	35 232 37	
Hose Reel, Cased for Grease		
with Hose Stop, max 500 bar (7,350 psi)		
for wall, ceiling and floor mounting suitable for use in high pressure applications. Different types of installation possible - see above.		
External Thread 1/4" outlet		
Hose Reel, Cased for Grease with 10 m hose DN 6 (1/4")	35 235 10	
Hose Reel, Cased for Grease with 15 m hose DN 6 (1/4")	35 235 41	
Wall Bracket for cased Hose Reels		
This special mounting bracket enables the cased Hose Reels to swivel. The full range of swivel is 120 degrees		
Wall Bracket for cased Hose Reels	35 321 85	
Mounting Installation Kit for cased Hose Reels		
Cased Hose Reels can be wall ceiling mounted with these kits		
Mounting Installation Kit for 2 cased Hose Reels	35 324 20	
Mounting Installation Kit for 3 cased Hose Reels	35 324 37	

Description	Images and specifications can be subject to change without notice	Part No.
Hose Reel for Compressed Air, Cased	Cased Hose Reel with Swivel Bracket for wall mounting Portable, can be detached from bracket With Carry Handle 11 Meters Hose 8x12 with hose stop 1,5 Meters Inlet Hose 1/4" Connecting thread: 1/4" Maximum working pressure: 20 bar (290 psi)	
Wall Bracket for Air Hose Reel	 	35 322 60
Cased Hose Reel for compressed air		34 024 02
Aluminum Hose Retainer	The hose retainers are perfectly suitable for hoses, cables and ropes. Variable hole pattern through 7 holes. The countersunk holes ensures in the mounting area a smooth and flat surface	
Dimensions:	Aluminum Hose Holder small A: 186 mm B: 75 mm C: 85 mm D: 57 mm	
Aluminum Hose Holder medium	A: 248 mm B: 96 mm C: 118 mm D: 97 mm	
Aluminum Hose Holder big	A: 336 mm B: 124 mm C: 152 mm D: 132 mm	
Aluminum Hose Holder oversize	A: 358 mm B: 124 mm C: 152 mm D: 132 mm	
Aluminum Hose Holder small		35 198 10
Aluminum Hose Holder medium		35 198 27
Aluminum Hose Holder big		35 198 34
Aluminum Hose Holder oversize		35 198 41
		

Description	Part No.	Image
<p>Waste Oil Drainer 75 l with Air Pressure Discharge</p> <p>Mobile waste oil drainer, Reservoir capacity 75 l, with 2 fixed wheels and 2 swivel castors, Drain Bowl diameter Ø 370/600 mm, height adjustable Sight Level Gauge, Tool Tray, Discharge Hose 2 metres with angled spout</p>		
<p>Waste Oil Drainer 75l mobile with air pressure discharge</p>	<p>35 541 87</p>	
<p>Waste Oil Drainer and Vacuum Extraction Unit w/o Inspection Chamber, with Air Pr. Discharge</p> <p>Fully mobile waste oil drainer and vacuum extraction unit, with 2 fixed wheels and 2 swivel castors, Reservoir capacity 75 l with air pressure gauge, Tool Tray, 2 m suction hose with Snap-on Coupling system for the included suction probes. 2 m discharge hose with angled spout Extendable tube with swivelling drain bowl with filter mesh (Ø 370/600 mm)</p> <p>Accessories: 2 Suction Probes, rigid Ø 5 and 6 mm, 720 mm long 3 Suction Probes, flexible Ø 5, 6 and 8 mm, 730 mm long 1 Suction Probe, flexible Ø 7 mm, 1035 mm long</p>		
<p>Waste Oil Drainer 75l mobile with air pressure discharge</p>	<p>35 543 47</p>	
<p>Waste Oil Drainer and Vacuum Extraction Unit with Inspection Chamber, with Air Pr. Discharge</p> <p>Fully mobile waste oil drainer and vacuum extraction unit, with 2 fixed wheels and 2 swivel castors, Reservoir capacity 75 l with air pressure gauge, Inspection Chamber capacity 9 l, Tool Tray, 2 m suction hose with Snap-on Coupling system for the included suction probes. 2 m discharge hose with angled spout Extendable tube with swivelling drain bowl with filter mesh (Ø 370/600 mm)</p> <p>Accessories: 2 Suction Probes, rigid Ø 5 and 6 mm, 720 mm long 3 Suction Probes, flexible Ø 5, 6 and 8 mm, 730 mm long 1 Suction Probe, flexible Ø 7 mm, 1035 mm long</p>		
<p>Waste Oil Drainer and Vacuum Extraction with Inspection Chamber</p>	<p>35 543 78</p>	

Description	Images and specifications can be subject to change without notice	Part No.	
Waste Oil Drainer 75 l, Mobile with parallel arms	<p>Fully mobile waste oil drainer and vacuum extraction unit with parallel arms, 2 fixed wheels and 2 swivel castors, reservoir capacity 75 l and sump capacity of 14 l, incl. air pressure gauge, tool tray, 2 m suction hose with snap-on coupling system for the included suction probes. 2 m discharge hose with angled spout</p>		
<p>Accessories: 2 Suction Probes, rigid Ø 5 and 6 mm, 720 mm long 3 Suction Probes, flexible Ø 5, 6 and 8 mm, 730 mm long 1 Suction Probe, flexible Ø 7 mm, 1035 mm long</p>	<p>Waste Oil Drainer 75l, mobile, with parallel arms</p>	<p>35 544 46</p>	
Electric Gear Pump AEP 100 for Waste Oil	<p>Self Priming Gear Pump with accessories for handling waste oil cleanly. Delivery pressure max: 8 bar, Output: 10 l/min. free delivery (SAE15W-40) Threads: 3/4" Motor: 0.37 KW, 230V, 50 Hz, 4 A, IP 55</p>		
<p>Accessories: Suction Hose, Suction Probes, Oil Change Adaptor, Suction Pipe, 4 meters Delivery hose, Elbow with 2" Drum Adaptor and Snap-on Coupling.</p>	<p>Electric Gear Pump System AEP 100</p>	<p>35 505 23</p>	
	<p>Electric Gear Pump AEP100 with Suction Filter</p>	<p>35 505 09</p>	
Carrying Handle for AEP 100			
<p>Carrying Handle for AEP 100</p>	Suction Probes and Adaptors for Waste Oil Drainer		
<p>Flexible Suction Probe, Ø = 5 mm length = 730</p>	<p>Flexible Suction Probe, Ø = 6 mm length = 730</p>	<p>35 548 04</p>	
<p>Flexible Suction Probe, Ø = 6 mm length = 730</p>	<p>Flexible Suction Probe, Ø = 7 mm length = 1035</p>	<p>35 548 11</p>	
<p>Flexible Suction Probe, Ø = 7 mm length = 1035</p>	<p>Flexible Suction Probe, Ø = 8 mm length = 730</p>	<p>35 548 28</p>	
<p>Flexible Suction Probe, Ø = 8 mm length = 730</p>	<p>Rigid Suction Probe, Ø = 5 mm length = 720</p>	<p>35 548 35</p>	
<p>Rigid Suction Probe, Ø = 5 mm length = 720</p>	<p>Rigid Suction Probe, Ø = 6 mm length = 720</p>	<p>35 549 03</p>	
<p>Rigid Suction Probe, Ø = 6 mm length = 720</p>	<p>Suction Adaptor for VW</p>	<p>35 549 10</p>	
<p>Suction Adaptor for VW</p>	<p>Suction Adaptor for BMW</p>	<p>35 547 05</p>	
<p>Suction Adaptor for BMW</p>	<p>Suction Adaptor for Citroen</p>	<p>35 547 12</p>	
<p>Suction Adaptor for Citroen</p>	<p>2015/04</p>	<p>35 547 29</p>	

Description	Part No.	Image
<p>Waste Oil Collecting Funnel, 370 / 600 mm</p> <p>Waste Oil Collecting Funnel, ø 370 / 600 mm for fixing on container with R2" drum adaptor</p> <p>Metal funnel ø 370 mm Ø 600 mm plastic top with insert mesh</p> <p>750 mm pipe length with ball valve R2" bung adapter vertical individually adjustable</p>	<p>35 549 58</p>	
<p>Plastic Funnel with Flap Lid</p> <p>Plastic Funnel with stainless steel strainer and lockable flap lid Suitable for waste oil and chemical disposal Material: PP Diameter: 250 mm</p> <p>Thread: R2" and 2" TriSure, male</p>	<p>33 517 00</p>	
<p>Liquid Extraction and Transfer Unit, Static</p> <p>The extraction and discharge unit with 6 l capacity is suitable for fluids such as oil, diesel, emulsions, water, coolants and other non-aggressive fluids. Not suitable for liquids with A1 flash point <21° C (Gasoline, aviation fuel, etc.)</p> <p>Accessories: 1,5 m suction and discharge hose with ball valve and snap-on connector for suction probes including 2 flexible suction probes 6 and 8 mm diameter, 730 mm long</p> <p>More suction probes and suction adaptors are available see accessories for waste oil pumps</p>	<p>35 554 12</p>	
<p>Liquid Extraction and Transfer Unit, Static</p> <p>The extraction and discharge unit with 18 l capacity is suitable for fluids such as oil, diesel, emulsions, water, coolants and other non-aggressive fluids. Not suitable for liquids with A1 flash point <21° C (Gasoline, aviation fuel, etc.)</p> <p>Accessories: 1,5 m suction and discharge hose with ball valve and snap-on connector for suction probes including 2 flexible suction probes 6 and 8 mm diameter, 730 mm long</p> <p>More suction probes and suction adaptors are available see accessories for waste oil pumps</p>	<p>35 554 43</p>	




Description	Images and specifications can be subject to change without notice	Part No.	
Oil and Waste Oil Tank			
Double Skinned, Transportable with Pallet Style Base			
<p>Authorised for use with fluids according Hazard Class A3, Inner tank of seamless, blow moulded HDPE, galvanised steel outer corrosion resistant and maintenance free, no additional leakage safety system required. Level gauge fitted. Clear visual indication of leakage</p>			
<p>Dimensions (Length x Width x Height): 1135 x 720 x 1210 mm (700 Liter) 1135 x 720 x 1640 mm (1,000 Liter)</p>			
New Oil and Waste Oil Tank, 700 Liter		35 507 14	
New Oil and Waste Oil Tank, 1000 Liter		35 510 18	
Safety Drum Stand (German TÜV/GS approved)			
<p>Drum stand with galvanised mesh or painted, for maximum of two 200 Liter barrels, sump capacity 205 Liter Maximum loading: 500 kg Weight: 61 kg (approx).</p>			
Painted Stand for 2 x 200 Liter oil drums, 1200x800x325 mm		35 510 87	
Drum Stand for 2x 200 Liter oil drums, 1200x800x325 mm		35 510 70	
Overfill Level Alarm			
<p>With integrated visual and acoustic alarms. Switch to acknowledge alarm system. Approved for lubricating and waste oils. Control unit and connections with integral warning lamp and acoustic alarm.</p>			
<p>Power supply 230V 1ph 50Hz without mains cable. Level indicator with 1" connection and Adaptor 1" to 2", probe length 500 mm with 3 metres of connecting cable. For fuel oil, diesel oil, waste oil and non adhesive emulsions.</p>			
Overfill Level Alarm		35 610 24	
Limit Controller			
as per TRbF 511 (6/82)			
<p>for fuel oil (EL DIN 51603), diesel fuel (DIN 51601) with 1" connector and adaptor 1" to 2", adjustable from 70 to 331 mm long (in accordance with operating instructions). Connecting cable 1,2 meters</p>			
<p>German PTB approval: 01/PTB III B/S 1014-1 General inspection approval: Z - 65.17 - 182</p>			
Limit Controller according to TRbF511 (6/82)		35 610 00	
Tank Filler Point			
<p>Tank filler point with screw cap 90° elbow, 2" connection.</p>			
Tank Filler Point		35 698 08	
Tank Air Vent 2"			
<p>with 2" vent pipe and vent cover</p>			
Tank Air Vent 2"		35 698 46	














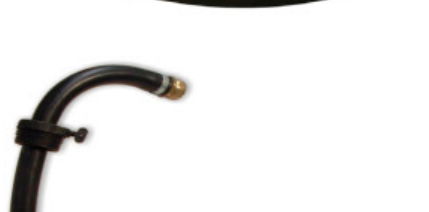






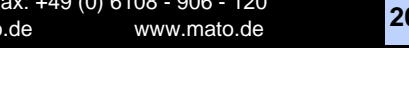

Description	Images and specifications can be subject to change without notice	Part No.	
Universal DRILL - PUMP	<p>Pump housing made from glass reinforced plastic, inner casing of brass, stainless steel shaft, housing cover in brass, vanes of glass reinforced plastic. Suitable for diesel, light fuel oil, water, anti-freeze, neutral emulsions, please check for compatibility with other fluids.</p> <p>Max. drive speed: 2,000 to 2,500 l/min. Max. output 60 Litre/min., Suction head: up to 1.5 m, Hose connection 1" Axle Ø 8 mm</p>	34 305 80	
Self Priming Pump 12 or 24 Volt	<p>Self priming electric vane pump 3/4" (female), IP 54, 1bar, with clips for battery terminals, suitable for diesel and light heating oil.</p> <p>Technical Data: Pump EP 12 12 V, 120 W, 16 A approx. 36 l/min. (free delivery) Pump EP 24 24 V, 120 W, 8 A approx. 40 l/min. (free delivery)</p>	34 304 05	
Pump EP12		34 304 29	
Pump EP24			
Pump EP 55, Self Priming	<p>Self priming vane pump with integral by-pass pressure regulator, anti syphon valve, mains cable, nozzle holster, 2" BSP bung adaptor, Output: 55 l/min. free delivery, Max. pressure: 2 bar</p> <p>Output: approx. 55 l/min. (free delivery) Max. Pressure: approx. 2 bar Electric Detail : 230V, 50Hz, IP55, 0,46 kW Connections: R 1" female Suction Head: 2.5 m</p>	34 315 01	
EP 55 Pump without accessories (threads 1" female)		34 315 18	
Electric Vane Pump EP140	<p>Self Priming Vane Pump with Integral Bypass, Pressure Regulator, 2 m Supply Cable, designed for Vegetable Oil and products to 500 cSt.</p> <p>Output: approx. 60 l/min. (free delivery) Max. Pressure: approx. 6 bar Electric Detail : 230V, 50Hz, IP55, 1.6 kW Connections: R 1" female Suction Head: 2,5 m</p>	34 310 20	
Electric Vane Pump EP 60			
Elektro-Flügelzellenpumpe EP140	<p>Self priming electric vane pump with integral by-pass pressure regulator, 3 m mains cable, On/Off switch</p> <p>Output: 80 Liters/min. approx. free delivery Max. pressure: 1.6 bar / 23 psi approx. Electrical detail: 230 V, 50 Hz, IP 55, 037 KW Threads: inlet and outlet 1" BSP (male) Suction height: 2,5 m</p>	34 382 10	
Electric Vane Pump EP12 PLUS	<p>Self priming electric vane pump with integral by-pass pressure regulator, 3 m cable and clips for battery terminals</p> <p>Output: 80 Liters/min. approx. free delivery Max. pressure: 1.6 bar / 23 psi approx. Electrical detail: 12 V DC, IP 55, 037 KW Threads: inlet and outlet 1" BSP (male) Suction height: 2,5 m</p>	34 380 12	
Electric Vane Pump EP12 PLUS			
Electric Vane Pump EP24 PLUS	<p>Self priming electric vane pump with integral by-pass pressure regulator, 3 m cable and clips for battery terminals As above specification, but with 24V DC</p>	34 381 28	
Electric Vane Pump EP24 PLUS			


Description	Images and specifications can be subject to change without notice	Part No.
<p>Universal Electric Drum Pump AP 30L not self priming Universal, ready to use transfer pump kit with priming lever, for diesel and fuel oil, 2" BSP and M64 x 4 bung adaptor. Kit also includes: 1,25 PVC textile suction hose, 2,5 m reinforced delivery hose, suction filter, filler nozzle and hose clips. Not suitable for water or other fluids! Technical Data: AP 30L/230: 230 V AC/50HZ, 0.20kW / 0.9A, approx. 30 l/min. AP 30L/12: 12 V DC, 0.11kW / 9.2A, approx. 25 l/min. AP 30L/24: 24 V DC, 0.125kW / 5.2A, approx. 25 l/min.</p> <p>Electric barrel pump AP 30L/230: 34 303 44 Electric barrel pump AP 30L/12: 34 303 06 Electric barrel pump AP 30L/24: 34 303 20</p>		
<p>Electric Pump Kit EP 12 / EP 24 Self priming electric vane pump for connection to a battery. For storage tanks on construction sites and in agriculture. Suitable for use with diesel and light heating oil. Contact us for compatibility with other fluids. Delivery pressure 1bar. Delivery hose 3.5 m DN20 3/4" and 1,5 m Plastic suction hose 3/4" x 19</p> <p>Technical data: EP 12: 12 V DC, 120 W, 16A approx. 36 l/min. (free delivery) EP 24: 24 V DC, 120 W, 8A approx. 40 l/min. (free delivery)</p> <p>Electric Pump Kit EP 12 (12 V Electric pump) 34 304 12 Electric Pump Kit EP 24 (24 V Electric pump) 34 304 36</p>		
<p>Tank Kits EP 55-S Complete tank kit comprising: Pump EP 55 (technical details see p. 93), 1,5 m reinforced suction hose DN 20 (3/4") with suction filter and foot valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting Nozzle with swivel</p> <p>Tank Kit EP 55 - S with 4 m delivery hose 34 319 45 Tank Kit EP 55-AZ with 8 m delivery hose 34 319 83</p>		
<p>Tank Kit EP 55-S with Meter Complete tank kit comprising: Pump EP 55 (technical details see p. 93), 1,5 m reinforced suction hose DN 20 (3/4") with suction filter and foot valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting nozzle with swivel flow meter DIGIMET M80 mechanical, resettable dispense 0-999 liter, 6 digit totaliser.</p> <p>Tank Kit EP 55-S with meter, 4 m delivery hose 34 319 52 Tank Kit EP 55-S with meter, 8 m delivery hose 34 319 90</p>		






Description	Images and specifications can be subject to change without notice	Part No.	
<p>Tank Kit EP 55-AZ</p>			
<p>Complete tank kit comprising: Pump EP 55 (technical details see p. 93), output 55 l/min (free flow), 1,5 m reinforced suction hose DN 20 (3/4") with suction filter and backlash valve, delivery hose DN 20 (3/4"), suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel</p>			
<p>(Supplied without tank)</p>			
<p>Tank Kit EP 55-AZ with 4 m delivery hose</p>		34 320 41	
<p>Tank Kit EP 55-AZ with 8 m delivery hose</p>		34 320 89	
<p>Tank Kit EP 55-AZ with Meter</p>			
<p>Complete tank kit comprising: Pump EP 55 (technical details see p. 93), output 55 l/min (free flow), 1,5 m reinforced suction hose DN 20 (3/4") with suction filter and backlash valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel, flow meter DIGIMET M80 mechanical counter, resettable dispense 0-999 Litres, 6 digit totaliser.</p>			
<p>(Supplied without tank)</p>			
<p>Tank Kit EP 55-AZ with meter, 4 m delivery hose</p>		34 320 58	
<p>Tank Kit EP 55-AZ with meter, 8 m delivery hose</p>		34 320 96	
<p>Tank Kit EP 55-AZ-T</p>			
<p>Complete tank kit comprising: Pump EP 55 (technical details see p. 93), output 55 l/min (free flow), double-wall safety-tank with transportation approval 1000 l 1,5 m reinforced suction hose DN 20 (3/4") with suction filter and backlash valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel,</p>			
<p>(Supplied with tank, pump-kit pre-installed)</p>			
<p>Tank Kit EP 55-AZ-T with 4 m delivery hose</p>		34 322 01	
<p>Tank Kit EP 55-AZ-T with 8 m delivery hose</p>		34 322 25	
<p>Tank Kit EP 55-AZ-T with Meter</p>			
<p>Complete tank kit comprising: Pump EP 55 (technical details see p. 93), output 55 l/min (free flow), double-wall safety-tank with transportation approval 1000 l, 1,5 m reinforced suction hose DN 20 (3/4") with suction filter and backlash valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel, flow meter DIGIMET M80, mechanical counter, resettable 0-999 l, 6-digits totalizer</p>			
<p>(Supplied with tank, pump-kit pre-installed)</p>			
<p>Tank Kit EP 55-AZ-T with meter, 4 m delivery hose</p>		34 323 00	
<p>Tank Kit EP 55-AZ-T with meter, 8 m delivery hose</p>		34 323 24	




Description	Images and specifications can be subject to change without notice	Part No.	
<p>Tank Kit EP 140-AZ</p> <p>Complete tank kit comprising: Pump EP 140 (technical details see p. 93), output 80 l/min (free flow), 1,5 m reinforced suction hose DN 25 (1") with suction filter and backlash valve, delivery hose DN 20 (3/4"), suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel</p> <p>(Supplied without tank, pump bracket and drip tray)</p> <p>Tank Kit EP 140-AZ with 4 m delivery hose</p> <p>Tank Kit EP 140-AZ with 8 m delivery hose</p>		<p>34 324 09</p> <p>34 324 16</p>	
<p>Tank Kit EP 140-AZ with Meter</p> <p>Complete tank kit comprising: Pump EP 140 (technical details see p. 93), output 80 l/min (free flow), 1,5 m reinforced suction hose DN 25 (R 1") with suction filter and backlash valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel, flow meter DIGIMET M80 mechanical counter, resettable dispense 0-999 liter, 6 digit totaliser.</p> <p>(Supplied without tank, pump bracket and drip tray)</p> <p>Tank Kit EP 140-AZ with meter, 4 m delivery hose</p> <p>Tank Kit EP 140-AZ with meter, 8 m delivery hose</p>		<p>34 324 61</p> <p>34 324 78</p>	
<p>Tank Kit EP 140-AZ-T</p> <p>Complete tank kit comprising: Pump EP 140 (technical details see p. 93), output 80 l/min (free flow), double-wall safety-tank with transportation approval 1000 l drip tray with retainer, pump-kit bracket, 1,5 m reinforced suction hose DN 25 (1") with suction filter and backlash valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel,</p> <p>(Supplied with tank, pump-kit pre-installed)</p> <p>Tank Kit EP 140-AZ-T, 4 m delivery hose</p> <p>Tank Kit EP 140-AZ-T, 8 m delivery hose</p>		<p>34 325 15</p> <p>34 325 22</p>	
<p>Tank Kit EP 140-AZ-T with Meter</p> <p>Complete tank kit comprising: Pump EP 140 (technical details see p. 93), output 80 l/min (free flow), double-wall safety-tank with transportation approval 1000 l, drip tray with retainer, pump-kit bracket, 1,5 m reinforced suction hose DN 25 (1") with suction filter and backlash valve, delivery hose DN 20 (3/4") Suction and delivery hose with swivel nuts for easy and safe fitting, type approved automatic Shut Off Nozzle AZ with swivel, flow meter DIGIMET M80, mechanical counter, resettable 0-999 l, 6-digits totalizer</p> <p>(Supplied with tank, pump-kit pre-installed)</p> <p>Tank Kit EP 140-AZ-T with meter, 4 m delivery hose</p> <p>Tank Kit EP 140-AZ-T with meter, 8 m delivery hose</p>		<p>34 325 53</p> <p>34 325 60</p>	




Description	Images and specifications can be subject to change without notice	Part No.
<p>Mobile Tank Unit MT-CTK 220 without meter</p> <p>Mobile Diesel tank unit, made of polyethylen, ADR approved, UN 1202</p> <p>The 220 litres diesel tank is equipped with safety valve for venting and pressure relief and in-line filter. The advanced design integrates all accessories, offers protection during transport and space for tidy storage of delivery hose and nozzle. In-mold forklift pockets and lifting bars make handling of the full or the empty tank comfortable, grooves allow for easy securing of the tank with ratchet straps.</p> <p>Technical data: 12V vane pump, flow rate 40 l/min (free flow), 4 m power supply cable 4 m delivery hose DN 19, automated shut-off nozzle</p> <p><i>ADR conformance renewal test is required after 2 1/2 years (see ADR 6.5.4.4.1 b). The ADR approval for commercial fuel transport/storage in plastic tanks is limited to a period of 5 years. Beyond this point in time fuel transport is permitted only in case of immediate consumption (see ADR 1.1.3.1 c).</i></p> <p>24 V - version available upon request</p> <p>Mobile Tank Unit MT-CTK 220 without meter</p>		
<p>Mobile Tank Unit MT-CTK 450 without meter</p> <p>Mobile Diesel tank unit, made of polyethylen, ADR approved, UN 1202</p> <p>Features as described above, but with 450 litres diesel tank incl. lockable lid and in-built fuel level indicator</p> <p>Technical data: 12V vane pump, flow rate 40 l/min (free flow), 4 m power supply cable 4 m delivery hose DN 19, automated shut-off nozzle</p> <p>24 V - version available upon request</p> <p>Dimensions: 1200 x 800 x 785 mm / weight: 40kg</p> <p>Mobile Tank Unit MT-CTK 450 without meter</p>	<p><i>New</i></p>	
<p>Mobile Tank Unit MT-CTK 450 with meter</p> <p>Mobile Diesel tank unit, made of polyethylen, ADR approved, UN 1202</p> <p>Features as described above, but with in-built electronic turbine-blade meter</p> <p>Technical data: 12V vane pump, flow rate 40 l/min (free flow), 4 m power supply cable, 4 m delivery hose DN 19, automated shut-off nozzle, in-built electronic turbine-blade meter with LCD-display, 5-digit subset, resettable from 0,1 - 99999 litres and 6-digit totalizer</p> <p>24 V - version available upon request</p> <p>Dimensions: 1200 x 800 x 785 mm / weight: 40kg</p> <p>Mobile Tank Unit MT-CTK 450 with meter</p>		










Description	Images and specifications can be subject to change without notice	Part No.		
Trigger Nozzle S deluxe	Standard trigger nozzle (non automatic) with heavy duty body with swivel thread 3/4" male for diesel and petrol	34 393 30		
Automatic Shut Off Nozzle - AZ/60 I	German PTB type approval, for flow rates up to 60 liters/min. with swivel Thread 3/4" male	34 393 54		
Automatic Shut Off Nozzle - AZ/80 I	for flow rates up to 80 liters/min. with swivel Thread 3/4" male	34 393 78		
Delivery hose DN 20	suitable for pumps EP 12, EP 24 and EP 55, both ends with swivel nuts 3/4" also approved for Bio-Diesel	34 713 16		
Delivery hose DN 20 (3/4"), hose length 1.5 m	Delivery hose DN 20 (3/4"), hose length 4.0 m	34 713 54	Delivery hose DN 20 (3/4"), hose length 8.0 m	34 713 92
Delivery Hose DN 25	for EP60, EP140 and EP12/24 PLUS, R1" Connections	34 715 14		
Delivery Hose DN 25 - Hose Length 4,0 Meters	Delivery Hose DN 25 - Hose Length 8,0 Meters	34 715 76		
Suction hose DN 20	suitable for pumps EP 12, EP 24 and EP 55, pump side end with swivel nut 3/4", hose end with suction filter and backlash valve	34 712 62		
Suction hose DN 20 (3/4"), hose length 1.5 m	Suction Hose for Bio-Diesel	34 712 79		
3/4"swivel nut with suction filter and foot valve for EP55, EP12 and EP24	Suction Hose DN25 with 2" Drum Adaptor	34 712 62		
Suction hose 1,5 m long for Bio-Diesel	for EP60, EP140 and EP12/24 PLUS, R1" at one end, with Suction Filter and Non-Return Valve	39 913 40		
Double end threaded brass connector, R 3/4"	with cone seat at one end	39 913 64		
Suitable for EP 12 / EP 24	Double ended connector with outer thread R 3/4" x R 3/4"	39 913 64		
Reducer connector brass R 1" to R 3/4"	with cone seat at both ends	39 910 12		
suitable for EP 55	Reducer connector from outer thread R 1" to R 3/4"	39 910 12		
Double end threaded brass connector, R 1"	with cone seat at one end	39 910 12		
Suitable for EP 60 / EP 140 / EP 12 Plus and EP 24 Plus	Double ended connector with outer thread R 1" x R 1"	39 910 12		

Description	Images and specifications can be subject to change without notice	Part No.	
In Line Flow Meter DIGIMET M80			
volumetric measurement, mechanical counter, suitable for diesel, or engine oils, gear oils and other fluids at low pressure			
robust casing of reinforced PA, NBR seals, calibratable, flow rates of 10-80 l/min., max. working pressure 6 bar (87 psi), accuracy ±1% (at 16-80 l/min), 1" threads (3 inlets, 2 outlets),			
Digimet M80 with flange connection for, i.e., für EP 55		35 408 07	
Digimet M80 with flange connection for, i.e., für EP 12 and EP 24		35 408 45	
Inline Flow Meter DIGIMET M80, VITON			
volumetric measurement, mechanical counter, suitable for Petrol and 2-Stroke Fuel ,			
robust casing of reinforced PA, VITON seals, calibratable, flow rates of 10-80 l/min., max. working pressure 6 bar (87 psi), accuracy ±1% (at 16-80 l/min), 1" threads (3 inlets, 2 outlets), resettable display 0-999 L, 6-digit totalizer,			
Digimet M80 VITON with flange connection for, i.e., für EP 55		35 408 76	
Digimet M80 VITON with flange connection for, i.e., für EP 12 and EP 14		35 408 14	
In Line Flow Meter DIGIMET E100			
Volumetric measurement principle, Mechanical Meter, Calibratable, Flow Rates of between 10-100 Liters per minute, Maximum Operating Pressure 30 bar, Threads R1" Female, Accuracy +/- 0,5% after calibration, delivery counter 0-999 l resettable, 8 Digit Totaliser, rotatable Display, Aluminium Body, also suitable for Lubricating Oils.			
In Line Flow Meter DIGIMET E110		35 410 95	
Meter mounting kit			
Meter mounting kit for EP 55, EP 12 und EP 24, 3/4"		35 420 16	
Meter mounting kit for EP 140, EP 12 PLUS und EP 24 PLUS, 1"		35 420 23	
Drum Adaptor Kit			
to vertically mount pumps like EP 12 / EP 24 to drums with 2" BSP threadsize			
Drum adaptor kit EP 12 / EP 24		34 339 18	
Pump Bracket for Electric Pump Kits			
for 700 und 1000 l storage- and waste-liquid tanks			
Pump bracket for Schütz-Tank 700/1000 l		34 703 26	
Pump bracket for Roth - Tank 700/1000 l		34 703 33	
Pump bracket for Nau + Dehoust - Tank 700/1000 l		34 703 40	
Pump bracket for 1000 l IBC-Container		34 703 19	
Drip Trays with Retainer			
suitable for wall- or tank mounting			
Versions for tank- or IBC are supplied with special clamps			
Drip tray for wall-mounting		34 707 60	
Drip tray for tank-mounting		34 707 77	
Drip tray for mounting to IBC-Container		34 708 07	









Description	Images and specifications can be subject to change without notice	Part-No.
Lever Operated Barrel Pump HP 500 for AdBlue®		
<p>Lever operated drum pump HP 500 for 50 to 200 liter drums, equipped with 2" drum adaptor, telescope suction tube and 2 m delivery hose</p> <p>Flow rate: 500 ccm / stroke</p> <p>Suitable for: AdBlue®, water-based liquids, thinner, solvents, anti-freeze, windshield detergents, hydraulic-oils, other lubricants</p>		
Polypropylene Rotary Pump RP 100-PP		
<p>2-chamber vane pump with 3-segment suction tube, designed for drums up to bis 200 liter, drum adaptor threadsize 2" BSP</p> <p>Flow rate: 250 ccm per rotation</p> <p>Suitable for: AdBlue®, water-based liquids, thinner, solvents, anti-freeze, windshield detergents, diesel, fuel oils</p>		
AdBlue® Membrane Pump SB 34 stationary for 200 l drum with standard filling gun SSB		
<p>AdBlue® Membrane pump SB 34</p> <p>Flow rate: approx. 34 l/min. (free flow) Electric : 230V, 50 Hz, 0,4 KW, IP 55</p> <p>incl. bracket for plastic drums, standard filling gun SSB with stainless steel outlet, 2-segment suction tube for SEC-coupling with 2" TriSure thread, 0,5 m suction- and 6 m delivery hose 3/4", filling gun retainer with integrated drip tray</p>		
AdBlue® Membrane Pump SB 34 stationary for 200 l drum with automated filling gun ASB		
<p>AdBlue® Membrane pump SB 34 (technical datas see above)</p> <p>incl. bracket for plastic drums, automatic shut-off filling gun ASB with stainless steel outlet, 2-segment suction tube for SEC-coupling with 2" TriSure thread, 0,5 m suction- and 6 m delivery hose 3/4", filling gun retainer with integrated drip tray</p>		
AdBlue® Membrane Pump SB 34 mobile for 200 l drum with automated filling gun ASB		
<p>AdBlue® Membrane pump SB 34 (techn. datas see above)</p> <p>incl. bracket for plastic drums, automatic shut-off filling gun ASB with stainless steel outlet, 2-segment suction tube for SEC-coupling with 2" TriSure thread, 0,5 m suction- and 6 m delivery hose 3/4", filling gun retainer with integrated drip tray, mounted on sturdy 200 l trolley</p>		
AdBlue® Membrane Pump SB 34 mobile + automated filling gun ASB		

Description	Images and specifications can be subject to change without notice	Part-No.
<p>AdBlue® Membrane Pump SB 34-IBC for IBC-container with standard filling gun SBB</p> <p>AdBlue® Membrane Pump SB 34-IBC (technical Data see page 103)</p> <p>incl. standard filling gun SBB with stainless steel outlet, SEC-coupling, 1,5 m suction- and 6 m delivery hose 3/4", filling gun retainer with integrated drip tray, pre-installed on stainless steel bracket for IBC-container</p> <p>(IBC-container not included)</p>		
<p>AdBlue® membran pump SB 34-IBC incl. standard filling gun SBB</p>		34 428 04
<p>AdBlue® Membrane Pump SB 34-IBC for IBC-container with automated filling gun ASB</p> <p>AdBlue® Membrane Pump SB 34-IBC (technical Data see page 103)</p> <p>incl. automatic shut-off filling gun ASB with stainless steel outlet, SEC-coupling, 1,5 m suction- and 6 m delivery hose 3/4", filling gun retainer with integrated drip tray, pre-installed on stainless steel bracket for IBC-container</p> <p>(IBC-container not included)</p>		
<p>AdBlue® membrane pump SB 34-IBC incl. autom. filling gun ASB</p>		34 428 42
<p>AdBlue® Membrane Pump SB 34-IBC with meter for IBC-container with automated filling gun ASB</p> <p>AdBlue® Membrane Pump SB 34-IBC (technical Data see page 103)</p> <p>incl. automatic shut-off filling gun ASB with stainless steel outlet, in line turbine meter DIGIMET K24, measure range 6-100l/min, resettable display 0,1 -99999, 6-digit totalizer, SEC-coupling, 1,5 m suction- and 6 m delivery hose 3/4", filling gun retainer with integrated drip tray, pre-installed on stainless steel bracket for IBC-container</p> <p>(IBC-container not included)</p>		
<p>AdBlue® Membrane Pump SB 34-IBC + autom. filling gun ASB, meter</p>		34 428 80







Description	Images and specifications can be subject to change without notice	Part-No.
<p>Mobile Tank Unit MT-AdBlue® 220 with standard filling gun SSB</p> <p>Mobile AdBlue® tank unit, made of polyethylene</p> <p>The 220 litres diesel tank is equipped with safety valve for venting and pressure relief and in-line filter. The advanced design integrates all accessories, offers protection during transport and space for tidy storage of delivery hose and nozzle. In-mold forklift pockets and lifting bars make handling of the full or the empty tank comfortable, grooves allow for easy securing of the tank with ratchet straps.</p> <p>Technical data: 12V vane pump, flow rate 35 l/min (free flow), 4 m power supply cable with crocodile clamps, 4 m delivery hose DN 19, standard filling gun SSB with stainless steel outlet</p> <p>24 V - version available upon request</p> <p>Dimensions: 912 x 601 x 622 mm / weight: 24kg</p> <p>Mobile tank unit MT-AdBlue® 220 with standard filling gun SSB</p>		
<p>Mobile Tank Unit MT-AdBlue® 440 with automatic shut-off filling gun ASB</p> <p>Mobile AdBlue® tank unit, made of polyethylene</p> <p>The 440 litres tank is equipped with in-built fuel level indicator, safety valve for venting and pressure relief and in-line filter. The advanced design integrates all accessories, offers protection during transport and space for tidy storage of delivery hose and filling gun. Injected forklift pockets and lifting bars make handling of the full or the empty tank comfortable, grooves allow for easy securing of the tank with ratchet straps.</p> <p>The MT-AdBlue® 440 features a lockable lid.</p> <p>Technical data: 12V vane pump, flow rate 35 l/min (free flow), 4 m power supply cable with crocodile clamps, 4 m delivery hose DN 19, automatic shut-off filling gun ASB with stainless steel outlet</p> <p>24 V - version available upon request</p> <p>Dimensions: 1200 x 800 x 785 mm / weight: 44kg</p> <p>Mobile tank unit MT-AdBlue® 440 with autom. filling gun ASB</p>		
<p>Mobile Tank Unit MT-AdBlue® 440 with Meter with automatic shut-off filling gun ASB</p> <p>Mobile AdBlue® tank unit, made of polyethylene</p> <p>Features as described above, but with in-built electronic turbine-blade meter DIGIMET K24</p> <p>Technical data: 12V vane pump, flow rate 35 l/min (free flow), 4 m power supply cable with crocodile clamps, 4 m delivery hose DN 19, automatic shut-off filling gun ASB with stainless steel outlet, turbine-blade meter with LCD-display, 5-digit subset, resettable from 0,1 - 99999 litres and 6-digit totalizer</p> <p>24 V - version available upon request</p> <p>Dimensions: 1200 x 800 x 785 mm / weight: 44kg</p> <p>Mobile Tank Unit MT-AdBlue® 440 with Meter</p>		

Description	<small>Images and specifications can be subject to change without notice</small>	Part-No.	        
AdBlue® Membrane Pump SB 34 AdBlue® membrane pump SB 34, designed for urea-dilution AUS 32 (AdBlue®), anti-freeze, windshield-detergents, water-based liquids Flow rate: approx. 34 l/min. (free flow) Electric data: 230V, 50 Hz, 0,4 KW, IP 55 1.8 m power supply cable AdBlue® membrane pump SB 34		34 070 87	
Standard Filling Gun SSB Manually operated filling gun with stainless steel outlet, designed for urea-dilution AUS 32 (AdBlue®), anti-freeze, windshield-detergent, water-based liquids, connection via hose socket DN 19 (3/4")		34 392 93	
Automatic Shut-Off Filling Gun ASB Automatic shut-off filling gun with stainless steel outlet, designed for urea-dilution AUS 32 (AdBlue®), anti-freeze, windshield-detergents, water-based liquids, connection via hose socket DN 19 (3/4")		34 395 38	
In Line Turbine Meter DIGIMET K24 to backfit/upgrade AdBlue® tank units, electronic in line turbine meter measure range 6-100l/min, resettable display 0,1 - 99999, 6-digit totalizer		35 430 06	
SEC-Coupling with Hose-Socket SEC-coupling for AdBlue® drums and IBC-container, with angled socket for hose DN 19 (3/4")		34 080 22	
Elbow 90° with Cap Nut necessary for the installation of in line turbine meter DIGIMET K24 to tank units		35 425 66	
Meter Fitting Tube, Straight, Hose Socket DN 19 necessary for the installation of in line turbine meter DIGIMET K24 to 200 l drum- and IBC AdBlue® tank units		35 425 04	
Meter Fitting Tube Angled 90°, Hose Socket DN 19 necessary for the installation of in line turbine meter DIGIMET K24 to mobile tank units MT-AdBlue®		35 425 35	
EPDM-Hose, conductive DN 19 Reinforced, conductive EPDM hose DN19 (3/4 ") black, UV resistant, OEM quality, max. 20 bar Hose sold by meter - max. length 50 m	EPDM-Hose, conductive DN 19 (sold by meter)	34 621 30	

New

Description	Images and specifications can be subject to change without notice	Part-No.	
<p>Lever Operated Barrel Pump HP 350-V-EX</p> <p>Lever Operated Barrel Pump designed for drums from 50 Litres to 200 Liters capacity, with Grounding Clamp, Steel Telescopic Suction Tube 450 mm to 860 mm, Body of Zinc Plated Steel, 2" and 1 1/2" Drum Adaptor, Removable, Angled Spout.</p> <p>Seals: VITON</p> <p>Suitable for petrol and 2-stroke mixture</p>		34 636 32	 
<p>Aluminium Rotary Pump RP 100-EX</p> <p>Complete with 1,5 meters delivery hose, ball valve and nozzle for gear oil</p> <p>2 chamber vane pump with grounding clamp, metal suction tube 1"/1m long, 1" foot valve male/female with seal, designed for drums up to 200 Liters, 2" bung adaptor.</p> <p>Output 250 cc/ per revolution</p> <p>Suitable for petrol and 2-stroke mixture</p>		34 611 26	 
<p>Aluminium Rotary Pump RP 100-EX With Meter DIGIMET M80-VITON</p> <p>Complete with 1,5 meters delivery hose, ball valve and nozzle for gear oil</p> <p>2 chamber vane pump with grounding clamp, metal suction tube 1"/1m long, 1" foot valve male/female with seal, flow meter DIGIMET M80, Viton, accuracy ±1% (at 16-80 l/min), designed for drums up to 200 Liters, 2" bung adaptor.</p> <p>Suitable for petrol and 2-stroke mixture</p>		34 611 02	 
<p>Delivery Hose EX DN 20 (3/4") 1,5 m long</p> <p>Delivery hose DN 20 (3/4"), 3/4" male ends, conductive and petrol resistant</p>		34 620 24	
<p>Ball Valve Nozzle Assembly for Double Diaphragm Pump DP-60</p> <p>Thread 3/4 "</p>		34 620 48	

Tank Units with ATEX Approval for Combustibles

Description	Images and specifications can be subject to change without notice	Part-No.	
Electric Vane Pump EX50 with ATEX approval	Electric vane pump EX50 with ATEX approval Ex dIIA T4 Gb suitable for class A 1 hazardous substances, flash point < 21°, i.e. gasoline, diesel, 2-stroke fuel, fuel oil, alkylate fuels, kerosine		
The self priming explosion-proof vane pump features an integrated by-pass excess-pressure control valve, a backlash-valve, flange connector w/ 1" female thread, 1.5 m ground cable w/ crocodile clamp, suction filter, nozzle holster, 2" drum adaptor and detached 4 m power supply cable w/fixtures (requires wiring by authorized personnel)	Flow rate: approx. 50 l/min. (free flow) Electric data: 230V, 50 Hz, 0,25 KW, IP 55		
Electric vane pump EX50, ATEX approval		34 314 40	
Electric Tank Unit EX50 with ATEX Approval	incl. explosion-proof vane pump EX50 (technical data see above)		
Telescopic suction tube with max length 1.100mm, 4 m delivery hose 3/4", automatic shut-off filling gun			
Electric tank unit EX50 with ATEX approval		34 329 59	
Electric Tank Unit EX50 with ATEX Approval with meter	incl. explosion-proof vane pump EX50 (technical data see above)		
Telescopic suction tube with max length 1.100mm, 4 m delivery hose 3/4", automatic shut-off filling gun and flow meter DIGIMET K33			
Electric tank unit EX50, ATEX approval, with DIGIMET K33		34 329 73	
Electronic Hose End Meter DIGIMET K33	Electronic hose end meter with flange connection for electric vane pump EX50, seals made of VITON , delivery counter 0-999 l, 6 Digit Totaliser, flow rate 20 - 120 l/min, accuracy +/- 1%		
Electronic Hose End Meter DIGIMET K33		35 408 21	
Double End Threaded Brass Connector with cone seat at both ends			
Double ended connector R 1/4" x R 1/4", male		39 914 49	
Double ended connector R 1/2" x R 1/2", male		39 912 03	
Double ended connector R 1/4" x R 3/8", male		39 914 87	
Double End Threaded Brass Connector with cone seat at one end			
Double ended connector R 3/8" x R 1/2", male		39 913 88	
Double ended connector R 1/2" x R 3/4", male		39 912 34	
Double ended connector R 3/4" x R 3/4", male		39 913 40	
Double ended connector R 3/4" x R 1", male		39 913 57	
Double ended connector R 1" x R 1", male		39 910 12	
Double ended connector R 1" x R 1 1/4", male		39 914 18	
Sleeve and Reducer Connector, Galvanized Steel			
Sleeve M 10x1 female hex nut 14 x 13		39 910 67	
Reducer connector M10x1 male x R1/8" female		39 910 74	
Reducer connector R 1/8" male x M10x1 female		39 910 81	
Reducer connector M10x1 female x R1/4" male		39 910 43	
Reducer connector R 1/4" female x M15x1 male		39 915 00	



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Accessories for Filler Pumps	36		
Accessories for Hose Reels	85,86	Lever Action Pump	50
Accessories for IBC-Container	98,99	Lift Pump	48
Accessories for Pneumatic Pumps	62,63	Limit Controller	89
Accessories for High Pressure Greasing	17,18,19,20	Long Life Grease	11
Accu-Greaser	8,16	Lube Compressor	42
Air Line Couplings	105	Lube Shuttle Accu-Greaser	8
Air Management System	43,63	Lube Shuttle Cartridges	11
Air Operated Grease Gun	9,15,42	Lube Shuttle Grease Guns	6,7,8,9
Air Operated Lubrication Equipment	9,15,40,41,42,45	Lube-Shuttle Display	8
Automatic Shut Off Nozzle	95,98,99	LubeJet - Spray Unit	8,43
		Lubrication Kit	7,14
Battery Operated Grease Gun	8,16	Multi Purpose Grease	15
Bio-Diesel Pump	99	Nozzle Automatic	95,98,99
Bucket Greaser	39		
Centralised Lubrication System Fill.Pump	34,35	Oil Cans	27
Charger Battery Grease Gun	8,16	Oil Compact Electric Pump System	71,72
Compact Oil Systems	59,71,72	Oil Compact Electric Pump S. approved	71,72
Conical Grease Connector	17	Oil Compact Pneumatic Pump System	59
Container Pumps	48-52	Oil Compact Pneumatic Pump S.approved	59
		Oil Drum Stand	91
		Oil Guns	14
Diaphragm Pump	54	Oil Management System	82,83
Dispenser	9	Oil Measures	27
Double Diaphragm Pump	44	Oil Measuring Jug	28,31
Double Ended Connector	105	Oil Pump System Electric	65-73
Drill Pump	93	Oil Pump System Pneumatic	54-60
Drip Feed Lubricator	21	Oil Pumps Pneumatic	54
Drum Adaptor Kit	93,99	One Hand Grease Guns	6,14,15
Drum Pumps	48-52	Overfill Level Alarm	91
Drum Stand	91		
Electric Drill Pump	94	Plastic Funnel	29
Electric Grease Guns	8,16,46	Plastic Oilers	28
Electric Greasing Equipment	46	Plastic Oil Masuring Jug	28
Electric Pump for Bio-Diesel	99	Pneumatic Grease Gun	9,15,42
Electric Pump for Diesel & Fuel Oil	87,88,89,91	Pointed Grease Gun Connector	17
Electric Pump, Explosion Proof	105	Polythen Syphon Pump	48
Explosion Proof Pumps	104,105	Premium Oilers	27
		Pressure Switch	65,66,67,72
		Pulse Meter	83
Filler Pumps	33,34,35	Pump Bracket	52,62,75
Filling Gun	14	Push Type Guns	21
Filter/Regulator/Lubricator	41,61		
Flow Meters	35,44,76,78,79,80,95,99,104	Reducing Connectors	105
Fluicon	82,83	Rotary Pumps	49
Fluid Atomisers	27,28	Rotary Pumps Explosion Proof	104
Fluid Management System	82,83	Rubber Hoses	20,43
Foot Operated Grease Pumps	39		
Funnels	29,31		
Gear Pumps Electric	65,66,67	Self Centering Keg Lid	37
Graphite Grease	11	Side Lever Grease Guns	6,7,13,14
Grease Cartridges	11,15	Solenoid Valve	82
Grease Compressor	46	Spray Cans	27,28
Grease Fittings	22,23,24	Spray Units	9,45
Grease Follower Plates	37	Stainless Steel Grease Fittings	24
Grease Gun Connectors	17	Suction & Filling Gun	14
Grease Gun Delivery Tubes	19		
Grease Gun Hoses	20	Tank Fillers & Air Vents	91
Grease Guns	6,7,8,9,13,14,15,16	Tank Kits	58-61,68-73
Grease Spray Unit	9,45	Tanks Units and Pumps for AdBlue®	100,101,102,103
Grease Meter	35,44	Tanks	91
		Tin Plate Funnels	31
		Tin Plate Oil Measures	31
		Trolleys	43,63
High Pressure Hoses	20,43	Waste Oil Drainers	88,89
High Pressure Lubrication Equipment	8,37,38,39,43	Waste Oil Pumps	88,89
High Temperature Grease	11	Waste Oil Suction Units	88,89,90
Hook-On Grease Gun Connector	17	Wheel Bearing Packer	33
Hose Reel for Grease, Oil & Diesel, Water	85,86		
Hose Reel for Air	87		
Hydraulic Couplers	17		

I. Quotation

The documentation pertaining to the quotation such as illustrations, drawings, details of weights and dimensions are only approximately authoritative where they are not expressly designated as binding. The supplier retains the right to ownership and Copyright of all cost estimates, drawings and other papers. These must not be made accessible to third parties. The supplier has an obligation not to make accessible to third parties any plans designated as confidential by the purchaser, without the latter's approval.

II. Scope of the delivery

The written order confirmation from the supplier is definitive for the scope of the delivery. In the case of a quotation from the supplier with a time commitment and timely acceptance, the quotation is definitive, where there is no confirmation of the Order in good time. Supplementary agreements and changes require the written confirmation of the supplier.

III. Price and payment

1. In the absence of any special agreements the prices are ex works, including loading at the factory, but excluding packing. VAT at the applicable statutory rate must be added to the prices.
2. In the absence of any special agreement payment is to be made in cash with no deductions and free of charge at the supplier's point of payment within 30 days after dispatch.
We grant a discount of 2% if the payment is carried out within 14 days after dispatch.
3. The withholding of payments or the offsetting of any counter claims by the purchaser which are disputed by supplier are not permitted.
4. For orders of less than EUR 50,- nett invoice value we charge a handling charge of additional EUR 15,- for each order.
5. In case of disproportional increases of costs such as labour or material costs we preserve the right for price adaptations even within the period of validity of this price list.

IV. Delivery time

1. The delivery time begins with the sending of the order confirmation but not before the purchaser furnishes the documents, approvals, clearances to be provided and also the arrival of the agreed down payment.
2. The delivery times will be extended commensurately in the event of actions which form part of labour disputes, especially strikes and lockouts and also in the event of any unforeseen impediments which are outside the control of the supplier where such impediments can be shown to have a considerable influence of the manufacture or shipment of the object being supplied. This also applies when these circumstances occur at sub-suppliers. The circumstances described are also not to be blamed by the supplier when they arise during an already existing delay. In important cases the supplier will notify the purchaser of the beginning and end of such impediments as soon as possible.
3. The delivery times has been adhered to if by the time it expires the object being supplied has left the factory or its readiness for despatch has been notified.
4. When damage is suffered by the purchaser as a result of delay which has occurred due to the supplier, the purchaser is entitled to request compensation for the delay, to the exclusion of further claims. For each full week of lateness this will amount to 1/2 of 1%, but at the most 5% of the value of that part of the total delivery which as a result of the delay cannot be utilised in good time or in accordance with the contract.
5. If despatch is delayed at the wish of the purchaser he will be charged for the cost of storage beginning one month after indication of readiness for despatch, for storage at the supplier's factory however at least 1/2 of 1% of the invoiced amount for each month. The supplier however is entitled after setting a suitable period and its fruitless expiry to make other use of the object being supplied and to supply the purchaser over a suitable extended period.
6. Adherence to the delivery period assumes the purchaser meets his contractual obligations.

V. Transfer of risk and acceptance

1. The risk is transferred to the purchaser at the latest upon despatch of the supplied parts, i.e. even if partial deliveries are made or the supplier has taken on further services such as the costs of despatch or transport and setting up. At the request of the purchaser, and at his expense, the shipment can be insured against theft, breakage, transport, fire and water damage and other insurable risks.
2. If the despatch is delayed as a result of circumstances which are the fault of the purchaser, then the risk is transferred to the purchaser from the day of readiness for despatch; the supplier is however under an obligation, at the wish and expense of the purchaser, to effect insurance which the latter request.
3. Objects supplied, even if they exhibit insignificant defects, are to be accepted by the purchaser regardless of the rights under section VII.
4. Partial deliveries are permissible.

VI. Right of ownership

1. The supplier retains the right of ownership to objects supplied until the arrival of all payments under the contract to supply.
 2. The supplier is entitled to insure the object supplied against theft, breakage, transport, fire and water damage and other damage at the purchaser's expense when the purchaser has not shown that he has taken out that insurance himself.
- For defects in the delivery, which includes the absence of the properties explicitly promised, the supplier has the following obligations, to the exclusion of further claims regardless of section IX, 4.

VII. Liability for defects in the delivery

1. All parts which within six month of commissioning prove to be unusable or whose usability is significantly impaired as a result of a state of affairs which was present before the transfer of risk, particularly due to faulty construction, poor material or bad workmanship will be repaired or supplied new at the choice of the supplier, as he judges best. The discovery of such defects is to be reported to the supplier in writing without delay. Replaced parts become the property of the supplier. If despatch, set up or commissioning is delayed, without blame being attached to the supplier then this liability expires at the latest 12 month after the transfer of risk. For essential third party products the supplier's liability is limited to the transfer of the entitlement to liability which exists vis a vis the sup-supplier of the third party product.
2. The right of the purchaser to assert claims due to defects expires in all cases in 6 months from the time of the punctually made complaint, or upon the expiry of the warranty period.
3. No warranty is taken on for damage which occurs due to the following reasons; unsuitable or improper use, incorrect fitting or incorrect repair by the purchaser or by a third party, natural wear and tear, incorrect or negligent treatment, unsuitable operating materials, replacement materials defective construction work, unsuitable construction site, chemical, electro-chemical or electrical effects for which the blame cannot be attributed to the supplier.
4. To allow the repairs and the supply of replacements to be carried out, which appear necessary in the best judgment of the supplier the purchaser, after agreement with the supplier, must provide the necessary time and opportunity otherwise the supplier is released from his obligation for the defect. Only in urgent cases where operational safety is a risk or to avoid disproportionately large damage, whereupon the supplier must be made aware immediately, or if the supplier is delayed in eliminating the defect, the purchaser has the right to eliminate the defect himself or have it eliminated by a third party and to demand reimbursement of the necessary costs from the supplier.

5. Of the direct costs incurred by the repairs of the supply of replacements the supplier will - insofar as the complaint is shown to be justified - bear the cost of the replacement items including the despatch, plus the reasonable costs for the removal and fitting and furthermore, where this can be rightly requested depending on the situation of the individual case, any necessary costs for providing his mechanics and assistants. The purchaser generally bears all other cost.
6. The warranty period on the replacement items and the repair is three months, but this will run until the time of the expiry of the original warranty period for the object supplied. If repairs are necessary the period of liability for the object supplied will be extended by the length of the interruption in operation caused by this.
7. Any modifications or repair work carried out on the part of the purchaser or a third party either inexpertly or without the prior approval of the supplier will cancel the liability for the consequences such actions.
8. Further claims by the purchaser, especially claims for damage which did not occur on the supplied object itself are excluded. The exclusion of liability does not apply if the owner or leading the owner or leading employee, the supplier is only liable for sensibly foreseeable damage typical of the contract. The exclusion of liability also does not apply in cases where in accordance with the product liability law liability is accepted for damage to persons or property on privately used objects, where faults exist on the object supplied. It also does not apply when properties.

VIII. Liability for associated obligation

When, through the fault of the supplier, the object supplied cannot be used by the purchaser in accordance with the contract as a result of omitted or incorrect implementation of suggestions or advice which occurred before or after conclusion of the contract and also other obligations related to the contract, especially instructions for the operation and maintenance of the object supplied then the rulings in Section VII and IX apply appropriately, to the exclusion of further claims by the purchaser.

IX. The rights of the purchaser to withdrawal, variation and other liability of the supplier

1. The purchaser can also withdraw from the contract if the whole provision of supplies and/or services becomes completely impossible for the supplier before the transfer of risk. The same applies in the event of the supplier's inability to deliver. The purchaser can also withdraw from the contract, for an order of objects of the same type, the implementation of a part of the delivery becomes impossible with respect to quantity or he has a justified interest in refusing a partial delivery, if this is not the case the purchaser can reduce the counter payment to suit.
2. If a delivery delay exists as defined under Section IV of the Conditions of Supply and if the purchaser grants the supplier who is in arrears with the delivery a suitable extension period with an explicit declaration that after the expiry of this period he will refuse to accept the goods and/or services, and if this extended deadline is not met, then the purchaser is entitled to withdraw.
3. If the impossibility occurs during the delay in acceptance or due to the fault of the purchaser then the purchaser remains obliged to make the counter payment.
4. The purchaser also has the right to cancellation of the contract if the supplier, through his own fault, allows a suitable extension period granted to him for repairs of the supply of replacements with regard to a defect, as defined in the conditions of supply and attributable to him, to expire fruitlessly. The right of the purchaser to cancellation of the contract also exists in other cases of failure of the supplier to repair or supply a replacement.
5. Further claims by the purchaser are excluded, especially to termination or reduction and also to compensation for damages of any kind i.e. also for any damages which did not occur on the supplied object itself. This exclusion of liability does not apply if the owner or leading employee have acted with intent or gross negligence and also if there has been a blameworthy violation of essential obligations under the contract. In the event of blameworthy violations of essential obligations under the contract, except in cases of intent or gross negligence by the owner or leading employee, the supplier is only liable for sensibly foreseeable damage typical of the contract. The exclusion of liability also does not apply in cases where in accordance with the product liability law liability is accepted for damage to persons or property on privately used objects, where faults exist on the object supplied. It also does not apply when properties are absent which were expressly promised when the promise had the intention of covering the purchaser against damage which did not arise on the supplied object itself.

X. Court of jurisdiction

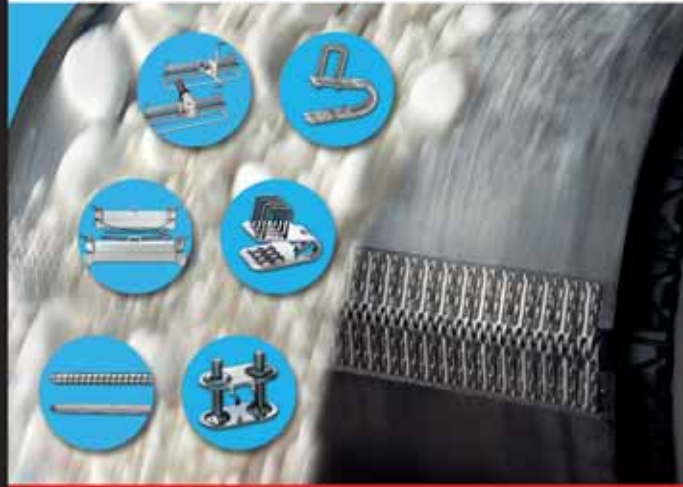
If the purchaser is a fully qualified merchant, a legal personage in public law or a legally separate property proceedings for all disputes arising from a contractual relationship are to be taken at the court with jurisdiction for the supplier's head office or the branch of the supplier which made the delivery. The supplier is also entitled to take proceedings against the buyer at the court of jurisdiction for his head office.

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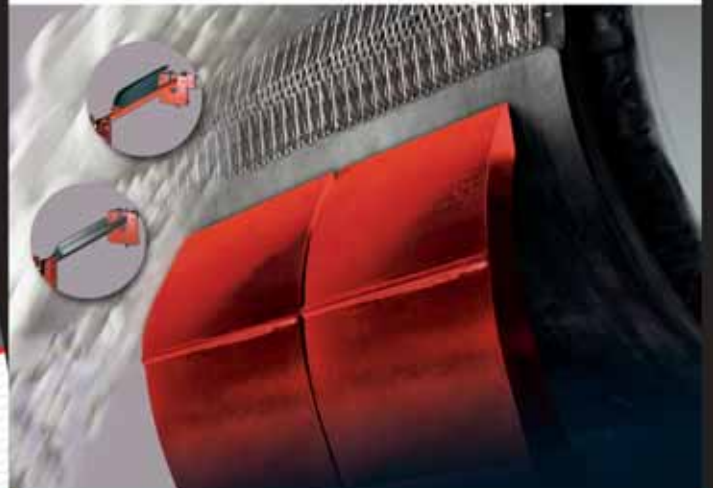
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