

# Product Catalogue 2012

Lubrication Equipment  
Fluid Handling Products



since 1906



... we lube the wheels of the world!





## **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.





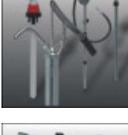
State of the art production takes place in our fully automated manufacturing facility and, thanks to a consistent, rigorous and customer-focussed quality policy:

MATO Lubrication Equipment enjoys a worldwide reputation for excellence.

Helping the world run smoothly:

## MATO Lubrication Equipment Fluid Handling Products



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# Lube Shuttle<sup>®</sup>



Description	Specifications can be subject to change without notice	Part No.
<b>Lube-Shuttle® System-Side Lever Grease Gun</b>		
<p>All lever grease gun for Lube-Shuttle cartridges, 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"> <li>- Tool free cartridge opening with screw-cap, re-usable</li> <li>- Fast and clean loading and unloading without opening gun</li> <li>- Type and quantity of grease visible at a glance</li> <li>- Optimum use of all grease in cartridge</li> <li>- Environmentally friendly</li> <li>- Refillable using Lube-Shuttle filler pumps with refill adaptor (part no. 3115050)</li> <li>- No air venting necessary !</li> </ul>		   
<p><b>without accessories</b></p> <p>Lube-Shuttle® without accessories Thread M10x1 <b>30 020 60</b></p> <p>Lube-Shuttle® without accessories Thread 1/8" <b>30 010 70</b></p>		 
<p><b>with rigid tube and 4-jaw hydraulic coupler</b></p> <p>Lube Shuttle® with rigid tube E4024, Thread M10x1 <b>30 120 90</b></p> <p>Lube Shuttle® with rigid tube E4024, Thread 1/8" <b>30 110 00</b></p>		
<p><b>With 300mm High Pressure nylon hose PH-30C,</b> 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 <b>30 320 50</b></p> <p>Lube Shuttle® with hose PH-30C, Thread 1/8" <b>30 310 60</b></p>		
<p><b>With 300mm extra safe Rubber Hose RH-30C,</b> 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 <b>30 220 20</b></p> <p>Lube Shuttle® with hose RH-30C, Thread 1/8" <b>30 210 30</b></p>		
<b>Lube-Shuttle® TG System - One Hand Gun</b>		
<p>One hand grease gun with zinc plated 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><b>Without accessories</b></p> <p>Lube Shuttle® TG without accessories, Thread M10x1 <b>30 060 20</b></p> <p>Lube Shuttle® TG without accessories, Thread 1/8" <b>30 050 30</b></p>		 
<p><b>Lube Shuttle® TG with rigid tube</b></p> <p>Lube Shuttle® TG with rigid tube, Thread M10x1 <b>30 160 50</b></p> <p>Lube Shuttle® TG with rigid tube, Thread 1/8" <b>30 150 60</b></p>		
<p><b>With 300mm High Pressure nylon hose PH-30C,</b> 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 <b>30 360 10</b></p> <p>Lube Shuttle® TG with hose PH-30C, Thread 1/8" <b>30 350 20</b></p>		
<p><b>With 300mm extra safe Rubber Hose RH-30C,</b> 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 <b>30 260 80</b></p> <p>Lube Shuttle® TG with hose RH-30C, Thread 1/8" <b>30 250 90</b></p>		
<p>For more information on our range of hoses please see page 20</p>		
<p>For more information on our range of hoses please see page 20</p>		

## Lube-Shuttle® Promo-Sets and Kit

Description	Specifications can be subject to change without notice	Part No.		
<b>Lube-Shuttle® Promo-Set</b>	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	<i>New</i>		
<b>with rigid tube and 4-jaw hydraulic coupler</b>	Lube-Shuttle® Promo-Set with rigid tube E4024, M10x1 Lube-Shuttle® Promo-Set with rigid tube E4024, R1/8"		30 112 39 30 112 22	
<b>with 300mm High Pressure nylon hose PH-30C,</b> multiple braid, burst pressure 1,000 bar/14,450 psi, Ø-9mm, and 4-jaw hydraulic coupler	Lube-Shuttle® Promo-Set with PH-30C, M10x1 Lube-Shuttle® Promo-Set with PH-30C, R1/8"		30 112 91 30 112 77	
<b>with 300mm extra safe Rubber Hose RH-30C,</b> Steel wire braided, burst pressure 1,650 bar/23,900 psi, Ø-13mm, and 4-jaw hydraulic coupler	Lube-Shuttle® Promo-Set with RH-30C, M10x1 Lube-Shuttle® Promo-Set with RH-30C, R1/8"		30 113 38 30 113 21	
<b>Lube-Shuttle®-Kit</b>	consists of:		<i>New</i>	<p>For more information on our range of hoses, please refer to page 20</p>
Lube-Shuttle®-System Side Lever Grease Gun with special connector	Rigid tube E4024 with swivel nut for easy and safe screw-on to the grease gun,			
Safety rubber hose RH-30C with 4-jaw hydraulic coupler,	Rigid tube with slide-on connector SK16 Rigid tube for driveshaft F4020, each with snap-on coupling,			
Conical and universal connector	All parts safely stored in carry-along case			
Lube-Shuttle® Grease Gun Kit	30 333 30			

Description	Specifications can be subject to change without notice	Part No.
<p><b>Lube-Shuttle® AccuLuber 14.4-LS Ni-Cd</b>                      Robust Electric 14.4V Battery Operated Grease Gun for 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><b>Description:</b>                      Battery operated grease gun, 14.4V Ni-Cd battery, <b>1,500mAh</b>, 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>Electric Grease Gun Kit AccuLuber 14.4-LS Ni-CD</p>		<p>34 258 07</p>
<p><b>Lube-Shuttle® AccuLuber 14.4-LS Li-Ion</b>                      Robust Electric 14.4V Battery Operated Grease Gun for 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><b>Description:</b>                      Battery operated grease gun, 14.4V Li-Ion battery, <b>3,000mAh</b>, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (2 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><i>New</i></p>	 <p>double power</p>
<p>Electric Grease Gun Kit AccuLuber 14.4-LS Li-Ion</p>		<p>34 270 30</p>
<p><b>Spare Battery for AccuLuber 14.4-S + LS Ni-CD</b>                      High Power Ni-Cad Battery 14.4V DC, <b>1,500mAh</b>                      Charging time: 1 hour approx.</p>		
<p>Spare Battery for AccuLuber 14.4-S + LS Ni-CD</p>		<p>34 259 06</p>
<p><b>Spare Battery for AccuLuber 14.4-S + LS Li-Ion</b>                      More powerful Li-Ion-Battery 14.4 DC / <b>3.000 mAh</b>, with <b>double power</b> as compared to Ni-Cd version. <b>Must be charged only with Li-Ion Charger.</b>                      Charging time: 2 hour approx.</p>	<p><i>New</i></p>	 <p>double power</p>
<p>Spare Battery for AccuLuber 14.4-S + LS Li-Ion</p>		<p>34 274 05</p>
<p><b>Chargers for Acculuber 14.4-S + LS</b>                      Battery Charger with Overload Protection 14.4 DC, ON/OFF LED monitoring lamp, fast-charge function, 2m 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 Acculuber 14.4-S + LS Ni-Cd</p>		<p>34 259 20</p>
<p>Charger 12V - 24V DC for Acculuber 14.4-S + LS Ni-Cd</p>		<p>34 259 68</p>
<p>Charger 230V AC 50 Hz for Acculuber 14.4-S + LS Li-Ion</p>		<p>34 275 04</p>

Description	Specifications can be subject to change without notice	Part No.	
<b>High Pressure Rubber Hose</b>			
<b>for AccuLuber 14.4-S + LS</b>			
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	
<b>Carrying Strap for Acculuber</b>			
Simple, fast and secure strap ensuring easy and comfortable operation of the battery driven grease gun			
Carrying Strap for Acculuber 14.4-S + LS		34 259 99	
<b>Lube-Shuttle® Grease Spray Unit LubeJet-eco</b>			
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	
<b>Lube-Shuttle® Air Operated Grease Gun DF-LS</b>			
One Hand Air Operated Grease Gun for Lube-Shuttle® - Cartridges, designed for grease 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 R1/8", with Coupler		30 371 09	
DF-LS with rubber hose RH-30C R1/8", with Coupler		30 373 07	
<b>Lube-Shuttle® Dispenser Lube-Shot 400</b>			
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	
<b>Nozzle-Set Lube-Shot 400</b>			
Nozzle with Closure Cap for the Lube-Shuttle® - System-Cartridges			
Nozzle-Set Lube-Shot 400		30 009 05	

Description	Part No.	Image
<p><b>Lube-Shuttle® Cartridges Empty</b></p> <p>Empty Lube-Shuttle® Cartridges with follower plate inserted and screw cap loosely attached</p> <p>Packing Unit: 112 pcs.</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>MATO recommends empty cartridges of MBP-France: <a href="http://www.mbp-plastics.com">www.mbp-plastics.com</a></p> </div> 		
<p><b>Customized printing on empty cartridges upon request</b></p>		
<p>Lube-Shuttle® Cartridges Empty</p>	<p>31 198 05</p>	
<p><b>Lube-Shuttle® Cartridge Screw Caps</b></p> <p>24 Screw caps, packed in poly bag, for sealing cartridges after filling</p>		
<p>Lube-Shuttle® Cartridge Screw Caps</p>	<p>31 100 00</p>	
<p><b>Lube-Shuttle® Cartridges-Adaptor</b></p>		
<p>Lube-Shuttle® Cartridges-Adaptor for easy adapt to alternative screw-type cartridges to use it with Lube-Shuttle® Cartridges</p>		
<p>Lube-Shuttle® Cartridges-Adaptor (Fuchs to 1" Lube-Shuttle)</p>	<p>31 090 04</p>	
<p>Lube-Shuttle® Cartridges-Adaptor (KAJO to 1" Lube-Shuttle)</p>	<p>31 092 02</p>	
<p>Lube-Shuttle® Cartridges-Adaptor (Lincoln to 1" Lube-Shuttle)</p>	<p>31 091 03</p>	
<p><b>Lube-Shuttle® Refill-Adapter-Set</b></p>		
<p>Lube-Shuttle Cartridge Refill adaptor for use with MATO ecoFILL and pneuMATO-fill filler pumps, with threaded adaptor and 5 yellow screw caps, for sealing cartridges after refilling.</p>		
<p>Simple and clean refilling of empty cartridges !</p>		
<p>Refill-Adapter-Set Lube-Shuttle®</p>	<p>31 150 50</p>	
<p><b>Pneumatic Filler Pump pneuMATO-fill</b></p>		
<p>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).</p>		
<p>pneuMATO-fill-10-d for 10kg Kegs, Inner-Ø 215-230 mm</p>	<p>33 710 50</p>	
<p>pneuMATO-fill-15-d for 15kg Kegs, Inner-Ø 255-282 mm</p>	<p>33 715 48</p>	
<p>pneuMATO-fill-20-d for 18/20kg Kegs, Inner-Ø 265-285 mm*</p>	<p>33 720 88</p>	
<p>pneuMATO-fill-20-d for 18/20kg Kegs, Inner-Ø 285-305 mm</p>	<p>33 720 64</p>	
<p>pneuMATO-fill-25-d for 25kg Kegs, Inner-Ø 300-335 mm</p>	<p>33 725 76</p>	
<p>pneuMATO-fill-50-d for 50kg Kegs, Inner-Ø 355-387 mm</p>	<p>33 750 65</p>	
<p>pneuMATO-fill-200-d for 200kg Kegs, Inner-Ø 550-590 mm</p>	<p>33 700 60</p>	

## Lube-Shuttle® System-Cartridges

Description	Specifications can be subject to change without notice	Part No.	
<p><b>Lube-Shuttle® Booster-Pack MULTI basic 2M</b></p> <p>Lithium Multi- Purpose Grease , mineral oil base, for universal application.Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion.</p> <p>Basic Data:</p> <p>Base Viscosity: 100 mm<sup>2</sup> / s (40°C)</p> <p>Temperature Range: -30 to +120°C (short term to +130°C)</p> <p>According to DIN 51502: K2K-30 NLGI Class : 2</p> <p>Offers good corrosion protection, resistance to oxidation, high mechanical stability and high pressure capabilities.</p> <p>Grease Cartridges Lube-Shuttle® MULTI basic 2M</p>		31 200 23	
<p><b>Lube-Shuttle® Booster-Pack MULTI Plus EP-2M</b></p> <p>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.</p> <p>Basic Data:</p> <p>Base Viscosity: 180 mm<sup>2</sup> / s (40°C)</p> <p>Temperature Range: -30 to +130°C (short term to +150°C)</p> <p>According to DIN 51502: KP2K-30 NLGI Class: 2</p> <p>Offers good corrosion protection, resistance to oxidation, very high mechanical stability and high pressure capabilities.</p> <p>Grease Cartridges Lube-Shuttle® MULTI Plus EP-2M</p>		31 200 30	
<p><b>Lube-Shuttle® Booster-Pack GRAPHITE 2M GR</b></p> <p>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.</p> <p>Basic Data:</p> <p>Base Viscosity: 120 mm<sup>2</sup> / s (40°C)</p> <p>Temperature Range: -30 to +130°C (short term to +150°C)</p> <p>According to DIN 51502: KFP2K-30 NLGI Class: 2</p> <p>Good corrosion and oxidation protection properties, high mechanical stability, excellent high pressure characteristics.</p> <p>Grease Cartridges Lube-Shuttle® GRAPHITE 2M GR</p>		31 200 92	
<p><b>Lube-Shuttle® Booster-Pack HIGH TEMP EP-2L HT</b></p> <p>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.</p> <p>Basic Data:</p> <p>Base Viscosity: 200 mm<sup>2</sup> / s (40°C)</p> <p>Temperature Range: -30 to +150°C (short term to +200°C)</p> <p>According to DIN 51502: KP2-3N-30 NLGI Class: 2-3</p> <p>Grease Cartridges Lube-Shuttle® HIGHTEMP EP-2L HT</p>		31 201 22	
<p><b>Lube-Shuttle® Booster-Pack PROTECT EP-2L WR</b></p> <p>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.</p> <p>Basic Data:</p> <p>Base Viscosity: 1300 mm<sup>2</sup> / s (40°C)</p> <p>Temperature Range: -30 to +120°C (short term to +125°C)</p> <p>According to DIN 51502: KHCP2K-20 NLGI Class: 2</p> <p>Excellent water resistance and adhesion properties, extreme pressure, excellent corrosion protection and outstanding mechanical stability.</p> <p>Grease Cartridges Lube-Shuttle® PROTECT EP-2L WR</p>		31 201 60	



## Side Lever Grease Guns

Description	Specifications can be subject to change without notice	Part No.		
<b>MATO All Steel Grease Gun E503</b>				      <div data-bbox="1145 757 1490 835" style="border: 1px solid black; padding: 2px;">                     For more information on our range of hoses, please refer to page 20                 </div>
Business Class Model, short stroke action, metered delivery, permanent spring load system, TÜV, DLG, BLT approved, to DIN 1283, packed in poly bag for 400g cartridges or 500g bulk fill				
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 300mm High Pressure Nylon Hose PH-30C, multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø-9mm, 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 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				
E503 with hose RH-30C, Thread M10x1		30 523 00		
E503 with hose RH-30C, Thread 1/8"		30 513 03		
<b>MATO All Steel Grease Gun E500</b>				   <div data-bbox="1155 1473 1500 1552" style="border: 1px solid black; padding: 2px;">                     For more information on our range of hoses, please refer to page 20                 </div>  
First-Class Model, short stroke action, metered delivery, permanent spring load system, combined filler nipple/air venting valve, ergonomic hand grip, TÜV, DLG, BLT approved, to DIN 1283, <b>packed in display carton</b> for 400g cartridges or 500g bulk fill				
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 300mm High Pressure Nylon Hose PH-30C, multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø-9mm, 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		
<b>MATO All Steel Grease Gun E600</b>				
First-Class Model, short stroke action, metered delivery, permanent spring load system, combined filler nipple/air venting valve, ergonomic hand grip, for 500g cartridges or 600g bulk fill, packed in plain carton				
E600M Thread M10 x 1		30 426 08		
E600R Thread 1/8"		30 416 01		
<b>MATO Grease Gun with Pressure Gauge</b>				
ss 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	Specifications can be subject to change without notice	Part No.		
<b>MATO Lubrication Kit E480</b>				
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		
<b>Oil and Fluid Grease Gun E476</b>				
Equipped with special air release valve, piston designed for oil, 500 cc capacity, short stroke action, packed in carton.				
Hydraulic connectors include a non-return 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		
<b>Suction and Filling Gun S400/1</b>				
Suction and filling gun with double inner piston and flexible plastic suction hose (300mm)				
				
S400/1		34 600 82		
<b>Double Action Filling Gun SFP 500</b>				
Double action hand gun for fuel oil, mineral, synthetic and food safe oils, anti-freeze and coolants, petroleum etc., with suction and filling hose (500mm)				
				
SFP - 500		34 600 20		
<b>One Hand Grease Gun TG120</b>				
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	Specifications can be subject to change without notice	Part No.		
<b>Pistol Grip Grease Gun Kit TG-500</b>				
For 400g cartridges or 500g 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				
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.				
<b>TG-500-S with rigid tube</b> , Thread M10x1		32 101 06		
<b>TG-500-S with rigid tube</b> , Thread 1/8"		32 101 20		
<b>With 300mm High Pressure nylon hose PH-30C</b> , multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø-9mm, with 4 jaw hydraulic coupler				
<b>TG-500-F with hose PH-30C</b> , Thread M10x1		32 103 04		
<b>TG-500-F with hose PH-30C</b> , Thread 1/8"		32 103 28		
<b>With 300mm extra safe Rubber Hose RH-30C</b> , Steel wire braided, burst pressure 1,650 bar / 23,900 psi, Ø-13mm with 4 jaw hydraulic coupler				
<b>TG-500-F with hose RH-30C</b> , Thread M10x1		32 102 05		
<b>TG-500-F with hose RH-30C</b> , Thread 1/8"		32 102 29		
<b>MATO-One Hand Air Operated Grease Gun DF</b>				
For use with standard grease cartridges 400 gr, 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				
<b>DF 500 with rigid tube E4024</b> with hydraulic connector		34 100 01		
<b>DF 501 with rubber hose RH-30C</b> with hydraulic connector		34 100 56		
<b>MATO-One Hand Air Operated Oil Gun DFO</b>				
Technical data as above but with oil tight inner piston. Accessory set includes hydraulic connector with non-return valve				
<b>Air Operated Oil Gun DFO 500, Rigid tube</b>		34 101 00		
<b>Air Operated Oil Gun DFO 501, Rubber hose RH-30C</b>		34 101 24		
<b>Pull-Off-Grease Cartridges 400g - DIN 1284</b>				
Pull-Off-Grease Cartridges according to DIN 1284 Diameter: max. 53.50mm Length: 235mm				
Specification of grease <b>Multi basic 2M, MULTI Plus EP-2M und GRAPHITE 2M GR</b> see page 10				
<div style="border: 1px solid black; padding: 5px;"> <p>MATO recommends empty cartridges of MBP-France: <a href="http://www.mbp-plastics.com">www.mbp-plastics.com</a></p> </div>				
Pull-Off-Grease Cartridges 400g	Multi basic 2M	K2K-30	31 000 18	
Pull-Off-Grease Cartridges 400g	MULTI Plus EP-2M	KP2K-30	31 001 24	
Pull-Off-Grease Cartridges 400g	GRAPHITE 2M GR	KFP2K-30	31 002 09	



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

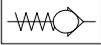


Description	Specifications can be subject to change without notice	Part No.
<b>AccuLuber 14.4-S Ni-Cd</b>		
<p>Robust 14.4V Battery Operated Grease Gun with filler nipple/air venting valve for 400gr. standard cartridges or 500gr. bulk fill. A powerful DC motor drive, with planetary gearbox and reciprocating piston yields up to 400 bar of grease pressure. The maximum pressure is limited by an inbuilt relief valve.</p> <p><b>Description:</b> Battery Operated Grease Gun, 14.4V Ni-Cd battery, <b>1,500mAh</b>, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (1 hour charge 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 a grease cartridge.</p>		
Electric Grease Gun Kit AccuLuber 14.4-S Ni-CD		<b>34 258 52</b>
<b>AccuLuber 14.4-S Li-Ion</b>		
<p>Robust 14.4V Battery Operated Grease Gun with filler nipple/air release valve for 400gr. standard cartridges or 500gr. 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><b>Description:</b> Battery Operated Grease Gun, 14.4V Li-Ion battery, <b>3,000mAh</b>, Delivery: 100cc per min. approx., electronically controlled, fast charger with overload protection (2 hour charge 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 style="text-align: center; font-size: 2em;"><i>New</i></p>	 <p style="text-align: center; border: 1px solid black; padding: 2px;">double power</p>
Electric Grease Gun Kit AccuLuber 14.4-S Li-Ion		<b>34 271 15</b>
<b>Spare Battery for AccuLuber 14.4-S + LS Ni-CD</b>		
<p>High Power Ni-Cad Battery 14.4V DC, <b>1,500mAh</b> Charging time: 1 hour approx.</p>		
Spare Battery for AccuLuber 14.4-S + LS Ni-CD		<b>34 259 06</b>
<b>Spare Battery for AccuLuber 14.4-S + LS LI-Ion</b>		
<p>More powerful Li-Ion-Battery 14.4 DC / <b>3.000 mAh</b>, <b>with double power</b> as compared to Ni-Cd version. <b>Must be charged only with Li-Ion charger.</b> Charging time: 2 hour approx.</p>	<p style="text-align: center; font-size: 2em;"><i>New</i></p>	 <p style="text-align: center; border: 1px solid black; padding: 2px;">double power</p>
Spare Battery for AccuLuber 14.4-S + LS LI-Ion		<b>34 274 05</b>
<b>Chargers for Acculuber 14.4-S + LS</b>		
<p>Battery Charger with overload protection 14.4 DC, ON/OFF LED monitoring lamp, fast-charge function, 2m cable</p> <p>Caution: please select your charger according to your spare battery (Ni-Cd or Li-Ion).</p>		
Charger 230V AC 50 Hz for Acculuber 14.4-S + LS Ni-Cd		<b>34 259 20</b>
Charger 12V - 24V DC for Acculuber 14.4-S + LS Ni-Cd		<b>34 259 68</b>
Charger 230V AC 50 Hz for Acculuber 14.4-S + LS Li-Ion		<b>34 275 04</b>

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

Description	Specifications can be subject to change without notice	Part No.	
<b>Grease-Gun-Accessories-Set 5-pcs.</b> 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			
		<i>New</i>	
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	
<b>Angle Adaptor eco</b> <b>for 4-jaw-hydraulic-connector</b> 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	
<b>Angle Adaptor deluxe with Straight-Swivel</b> <b>for 4-jaw-hydraulic-connector</b> 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	
<b>Fixing Clip for Grease Guns</b> Fixing Clip for Grease Guns and other devices with a tube of 56mm dia.			
Suitable for universal attachment to the workplace			
Fixing Clip for Grease Guns		32 460 75	
<b>Fixing Clip for Grease Guns with Magnetic Bracket</b> Fixing Clip for Grease Guns with magnetic bracket (permanent magnet) for Grease Guns and other devices with a tube of 56mm dia.			
Suitable for universal attachment on magnetic surfaces			
Fixing Clip for Grease Guns with magnetic bracket		32 460 44	
<b>Pressure Relief Valve for Grease Guns</b> 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 <b>- safer method of disconnecting from the grease fitting</b> <b>- extended life for the 4 jaw Hydraulic Coupler</b>			
Pressure relief valve, Thread M10x1		32 453 20	
Pressure relief valve, Thread R1/8"		32 453 44	
<b>Flow Indicator for Grease Guns</b> 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			 IN → OUT
Please note the flow direction!			
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	Specifications can be subject to change without notice	Part No.		
<b>Delivery Tubes with Snap-on Coupling</b>				
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		
<b>Lube Injector</b>				
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		
<b>E4014 Angled Delivery Tube 150 mm with universal connector</b>				
Delivery tube with universal connector, Thread M10 x 1		32 404 48		
Delivery tube with universal connector, Thread R1/8"		32 404 24		
<b>E4012 Angled Delivery Tube 150 mm with universal connector</b>				
Delivery tube with universal connector, Thread M10 x 1		32 403 49		
Delivery tube with universal connector, Thread R1/8"		32 403 25		
<b>E4024 Angled Delivery Tube 150 mm with 4-jaw hydraulic connector</b>				
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		
<b>Angled Delivery Tube 150 mm with non-return valve</b>				
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		
<b>Delivery Tube Straight 150 mm with 4-jaw hydraulic connector</b>				
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	Specifications can be subject to change without notice	Part No.
<b>MATO High Pressure Nylon Hoses</b>		
Multiple braid, h.p. nylon hose ø 9mm, 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
<b>MATO High Pressure Nylon Hoses with 4-jaw hydraulic connector</b>		
Nylon hose as above, but compl. with 4-jaw hydraulic connector (mach. and hardened jaws).		
PH-30C 300mm Thread M10 x 1 DIN 1283		32 540 01
PH-30C 300mm Thread R1/8"		32 540 18
PH-50C 500mm Thread M10 x 1 DIN 1283		32 552 06
PH-50C 500 mm Thread R1/8"		32 552 13
<b>MATO High Pressure Rubber Hoses</b>		
High pressure safety rubber hose ø 13mm, burst pressure 1,650 bar / 23,900 psi (steel wire reinforced), hexagonal end fittings for safe connection to grease gun		
RH-30 300mm Thread M10 x 1 DIN 1283		32 560 05
RH-30 300mm Thread R1/8"		32 560 12
RH-50 500mm Thread M10 x 1 DIN 1283		32 570 02
RH-50 500mm 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
<b>MATO High Pressure Rubber Hoses with 4-jaw hydraulic connector</b>		
High pressure rubber hose ø 13mm 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
<b>MATO High Pressure Rubber Hoses 300 mm with Hook-on Connector for Button Head Nipples</b>		
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
<b>High Pressure Rubber Hose 300 mm with Snap-on Coupling and 4 Jaw Hydr. Connector</b>		
RH-30C with 4-jaw hydraulic connector		32 540 49

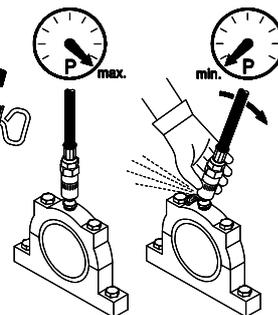
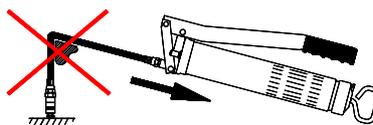
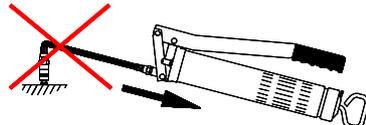
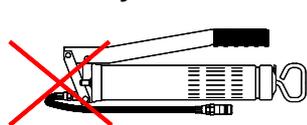
1.000 bar  
14.450 psi



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	Specifications can be subject to change without notice	Part No.	
<b>High Pressure Push Type Grease Guns</b>			
High pressure push type grease guns, compact size, supplied <b>with universal and conical connectors</b> , 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:	100/1450	150/2200	
∅ approx. mm:	32	40	
Length mm:	180/230	240	
Weight grm:	260	250	
High pressure push type gun PT 40C-2, 40 cc, R1/8"			<b>32 604 08</b>
High pressure push type gun PG 150-2, 150 cc, M10 x 1			<b>32 615 66</b>
<b>High Pressure Push Gun for Oil/Fluid Grease</b>			
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			
<b>Technical Specification as PG 150-2</b>			
Push type gun PO 150-2 for Oil, 150 ccm, M10 x 1			<b>32 615 80</b>
<b>High Pressure Push Type Grease Guns</b>			
High pressure push type grease guns, compact size, supplied <b>with universal and conical connectors</b> , red protection cap and telescopic tube			
	PT 80	PT 150	PT 300
Capacity cc:	80	150	300
Max. Press. bar/psi:	200/2900	200/2900	200/2900
∅ approx. mm:	37	37	47
Length mm:	150/220	220/350	260/430
Weight grm	290	420	605
Thread: M10 x 1			
High pressure push type gun PT 80 -2, M10 x 1			<b>32 608 04</b>
High pressure push type gun PT150 -2, M10 x 1			<b>32 615 04</b>
High pressure push type gun PT300 -2, M10 x 1			<b>32 630 03</b>
<b>Filler Unit for Push Type Grease Guns "PT"</b>			
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"			<b>32 650 07</b>
<b>Drip Feed Lubricator "Unikum"</b>			
Adjustable drip rate, with shut-off valve. Reservoirs in plexiglas (Types 1-6) and glass (Types 7-9)			
<b>Replacement reservoirs available.</b>			
Gr. 1 1/4" 20 cc, reservoir diameter 32 mm			<b>32 700 18</b>
Gr. 2 1/4" 38 cc, reservoir diameter 40 mm			<b>32 700 25</b>
Gr. 3 3/8" 70 cc, reservoir diameter 50 mm			<b>32 700 32</b>
Gr. 4 3/8" 125 cc, reservoir diameter 60 mm			<b>32 700 49</b>
Gr. 5 1/2" 220 cc, reservoir diameter 70 mm			<b>32 700 56</b>
Gr. 6 1/2" 310 cc, reservoir diameter 80 mm			<b>32 700 63</b>
Gr. 7 3/4" 480 cc, reservoir diameter 90 mm			<b>32 700 70</b>
Gr. 8 3/4" 660 cc, reservoir diameter 100 mm			<b>32 700 87</b>
Gr. 9 3/4" 970 cc, reservoir diameter 110 mm			<b>32 700 94</b>



Description		Specifications can be subject to change without notice		Part No.		
<b>Hydraulic Grease Nipples DIN 71412A</b>				MPQ		
Quality steel, case hardened, zinc plated and passivated						
H 1 M 6		AF 7		200	<b>32 816 01</b>	
H 1 M 8 x 1		AF 9		100	<b>32 818 09</b>	
H 1 M 8 x 1,25		AF 9		100	<b>32 818 23</b>	
H 1 M 10 x 1		AF11		100	<b>32 811 06</b>	
H1 M 10 x 1,5		AF11		100	<b>32 817 48</b>	
H 1 R 1/8"		AF11		100	<b>32 818 61</b>	
H 1 R 1/4"		AF14		100	<b>32 814 03</b>	
H 1 SFG 6 x 1		AF 7	self tapp.thread	200	<b>32 816 56</b>	
H 1 SFG 8 x 1		AF 9	self tapp.thread	100	<b>32 818 47</b>	
H 1 SFG 10 x 1		AF11	self tapp.thread	100	<b>32 811 20</b>	
H 1a 6mm			drive fit	200	<b>32 816 87</b>	
H 1a 8mm			drive fit	100	<b>32 818 85</b>	
H 1a 10mm			drive fit	100	<b>32 811 51</b>	
<b>Hydraulic Grease Nipples DIN 71412B</b>				MPQ		
H 2 M 6		AF 9		100	<b>32 826 08</b>	
H 2 M 8 x 1		AF 9		100	<b>32 828 06</b>	
H 2 M 8 x 1,25		AF 9		100	<b>32 828 20</b>	
H 2 M 10 x 1		AF11		100	<b>32 820 04</b>	
H 2 M 10 x 1,5		AF11		100	<b>32 827 45</b>	
H 2 R 1/8"		AF11		100	<b>32 828 68</b>	
H 2 R 1/4"		AF14		50	<b>32 824 00</b>	
H 2 SFG 6 x 1		AF 9	self tapp.thread	100	<b>32 826 53</b>	
H 2a 6mm		AF 9	drive fit	100	<b>32 826 84</b>	
H 2a 8mm		AF 9	drive fit	100	<b>32 828 82</b>	
<b>Hydraulic Grease Nipples DIN 71412C</b>				MPQ		
H 3 M 6		AF 9		100	<b>32 836 05</b>	
H 3 M 8 x 1		AF 9		100	<b>32 838 03</b>	
H 3 M 8 x 1,25		AF 9		100	<b>32 838 27</b>	
H 3 M 10 x 1		AF11		100	<b>32 830 01</b>	
H 3 M 10 x 1,5		AF11		100	<b>32 837 42</b>	
H 3 R 1/8"		AF11		100	<b>32 838 65</b>	
H 3 R 1/4"		AF14		50	<b>32 834 07</b>	
H 3 SFG 6 x 1		AF 9	self tapp.thread	100	<b>32 836 50</b>	
H 3a 6mm		AF 9	drive fit	100	<b>32 836 81</b>	
H 3a 8mm		AF 9	drive fit	100	<b>32 838 89</b>	
<b>Button-Head-Grease Nipple M DIN 3404</b>				MPQ		
M 1 M 8 x 1		AF17	head-Ø 16mm	50	<b>32 848 17</b>	
M 1 M 10 x 1		AF17	head-Ø 16mm	50	<b>32 840 15</b>	
M 1 R 1/8"		AF17	head-Ø 16mm	50	<b>32 848 31</b>	
M 1 R 1/4"		AF17	head-Ø 16mm	50	<b>32 844 04</b>	
M 4 M 8 x 1		AF11	head-Ø 16mm	100	<b>32 848 55</b>	
M 4 M 10 x 1		AF11	head-Ø 16mm	100	<b>32 840 53</b>	
<b>Flush Type Grease Nipple D DIN 3405</b>				MPQ		
D 1 M 6		AF 7		200	<b>32 856 09</b>	
D 1 M 8x1		AF 9		100	<b>32 858 07</b>	
D 1 M 10 x 1		AF11		100	<b>32 850 12</b>	
D 1 R 1/8"		AF11		100	<b>32 858 21</b>	
D 1a 6mm			drive fit	200	<b>32 856 47</b>	
D 1a 8mm			drive fit	100	<b>32 858 45</b>	
<b>MATO Grease Nipple Selection</b>						
Assortment of most common grease nipples packed in plastic display box, for contents see page 23						
Selection MAXI (440 pieces., H1, H2, H3, M types)					<b>32 800 24</b>	
Selection MINI (130 pieces., H1, H2, H3 types)					<b>32 800 00</b>	

Description		Specifications can be subject to change without notice		Part No.		
<b>Hydraulic Grease Nipples DIN 71412A</b>				MPQ		
Quality steel, case hardened, zinc plated and passivated						
H 1 M 6		AF 7		5.000	<b>32 816 18</b>	
H 1 M 8 x 1		AF 9		3.000	<b>32 818 16</b>	
H 1 M 8 x 1,25		AF 9		3.000	<b>32 818 30</b>	
H 1 M 10 x 1		AF11		2.000	<b>32 811 13</b>	
H1 M 10 x 1,5		AF11		2.000	<b>32 811 75</b>	
H 1 R 1/8"		AF11		2.000	<b>32 818 78</b>	
H 1 R 1/4"		AF14		1.000	<b>32 814 10</b>	
H 1 SFG 6 x 1		AF 7	self tapp.thread	5.000	<b>32 816 63</b>	
H 1 SFG 8 x 1		AF 9	self tapp.thread	3.000	<b>32 818 54</b>	
H 1 SFG 10 x 1		AF11	self tapp.thread	2.000	<b>32 811 37</b>	
H 1a 6mm			drive fit	5.000	<b>32 816 94</b>	
H 1a 8mm			drive fit	3.000	<b>32 818 92</b>	
H 1a 10mm			drive fit	2.000	<b>32 811 68</b>	
<b>Hydraulic Grease Nipples DIN 71412B</b>				MPQ		
H 2 M 6		AF 9		2.000	<b>32 826 15</b>	
H 2 M 8 x 1		AF 9		2.000	<b>32 828 13</b>	
H 2 M 8 x 1,25		AF 9		2.000	<b>32 828 37</b>	
H 2 M 10 x 1		AF11		1.000	<b>32 820 11</b>	
H 2 M 10 x 1,5		AF11		1.000	<b>32 820 28</b>	
H 2 R 1/8"		AF11		1.000	<b>32 828 75</b>	
H 2 R 1/4"		AF14		500	<b>32 824 17</b>	
H 2 SFG 6 x 1		AF 9	self tapp.thread	1.500	<b>32 826 60</b>	
H 2a 6mm		AF 9	drive fit	1.500	<b>32 826 91</b>	
H 2a 8mm		AF 9	drive fit	1.500	<b>32 828 99</b>	
<b>Hydraulic Grease Nipples DIN 71412C</b>				MPQ		
H 3 M 6		AF 9		2.000	<b>32 836 12</b>	
H 3 M 8 x 1		AF 9		2.000	<b>32 838 10</b>	
H 3 M 8 x 1,25		AF 9		2.000	<b>32 838 34</b>	
H 3 M 10 x 1		AF11		1.000	<b>32 830 18</b>	
H 3 M 10 x 1,5		AF11		1.000	<b>32 830 25</b>	
H 3 R 1/8"		AF11		1.000	<b>32 838 72</b>	
H 3 R 1/4"		AF14		500	<b>32 834 14</b>	
H 3 SFG 6 x 1		AF 9	self tapp.thread	1.500	<b>32 836 67</b>	
H 3a 6mm		AF 9	drive fit	1.500	<b>32 836 98</b>	
H 3a 8mm		AF 9	drive fit	1.500	<b>32 838 96</b>	
<b>Button-Head-Grease Nipple M DIN 3404</b>				MPQ		
M 1 M 8 x 1		AF17	head-Ø 16mm	500	<b>32 848 24</b>	
M 1 M 10 x 1		AF17	head-Ø 16mm	500	<b>32 840 22</b>	
M 1 R 1/8"		AF17	head-Ø 16mm	500	<b>32 848 48</b>	
M 1 R 1/4"		AF17	head-Ø 16mm	500	<b>32 844 11</b>	
M 4 M 8 x 1		AF11	head-Ø 16mm	500	<b>32 848 62</b>	
M 4 M 10 x 1		AF11	head-Ø 16mm	500	<b>32 840 60</b>	
<b>Flush Type Grease Nipple D DIN 3405</b>				MPQ		
D 1 M 6		AF 7		3.000	<b>32 856 16</b>	
D 1 M 8x1		AF 9		2.000	<b>32 858 14</b>	
D 1 M 10 x 1		AF11		1.200	<b>32 850 29</b>	
D 1 R 1/8"		AF11		1.200	<b>32 858 38</b>	
D 1a 6mm			drive fit	4.000	<b>32 856 54</b>	
D 1a 8mm			drive fit	2.000	<b>32 858 52</b>	
<b>Grease Nipple Selection MAXI</b>				<b>Grease Nipple Selection MINI</b>		
H1 80 x M6x1 / 50 x M8x1 / 40 x R1/8" / 40 x M10x1 / 10 x R1/4"				H1 10 x M6x1 / 20 x M8x1 / 20 x R1/8" / 20 x M10x1		
H2 30 x M6x1 / 30 x M8x1 / 20 x R1/8" / 20 x M10x1				H1 10 x H1a 6mm / 10 x H1a 8mm / 5 x R1/4"		
H3 25 x M6x1 / 25 x M8x1 / 20 x R1/8" / 20 x M10x1				H2 2 x M8x1 / 5 x M10x1 / 5 x R1/8" / 5 x R1/4"		
M1 10 x M10x1				H3 3 x M8x1 / 5 x M10x1 / 5 x R1/8" / 5 x R1/4"		

Description	Specifications can be subject to change without notice	Part No.
<b>Hydraulic Grease Nipples DIN 71412A</b>		
Quality steel, zinc plated, case hardened, passivated packed in poly bag with Header-Card	MPQ	
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 AF11	10	32 801 30
H 1 M 10 x 1,5 AF11	10	32 801 78
H 1 R 1/8" AF11	10	32 800 79
<b>Hydraulic Grease Nipples DIN 71412B</b>		
	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 AF11	10	32 821 58
H 2 M 10 x 1,5 AF11	10	32 821 72
H 2 R 1/8" AF11	10	32 821 65
<b>Hydraulic Grease Nipples DIN 71412C</b>		
	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 AF11	10	32 830 32
H 3 M 10 x 1,5 AF11	10	32 839 57
H 3 R 1/8" AF11	10	32 839 88
<b>Plastic Covers for Grease Nipples</b>		
Plastic covers for grease nipples to DIN 71412		
		<i>New</i>
Plastic covers <b>red</b> for grease nipples	100	32 861 25
Plastic covers <b>yellow</b> for grease nipples	100	32 861 02
<b>Stainless Steel Hydraulic Grease Fittings according to DIN 71412A</b>		
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 AF11	10	32 812 05
H 1 R 1/8" AF11	10	32 819 77
H 1 R 1/4" AF14	5	32 814 96
<b>Stainless Steel Hydraulic Grease Fittings according to DIN 71412B</b>		
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 AF11	10	32 821 03
H 2 R 1/8" AF11	10	32 829 67
H 2 R 1/4" AF14	5	32 825 09
<b>Stainless Steel Hydraulic Grease Fittings according to DIN 71412C</b>		
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 AF11	10	32 831 00
H 3 R 1/8" AF11	10	32 839 64
H 3 R 1/4" AF14	5	32 835 06

**Hydraulic Grease Nipples, zinc plated and case hardened**



**Stainless Steel Fittings 1.4305 / AISI 303 / V2A**





Description	Specifications can be subject to change without notice	Part No.		
<b>Metal Oil Cans with Rigid and Flexible Spout</b>				
<b>with metal pump mechanism</b>				
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				
<b>PREMIUM Oiler HDPE</b>				
<b>with swivel pump</b>				
High-grade oiler for professional use in all maintenance and service areas, containers made of HDPE				
Newly developed, high quality brass double pump mechanism with angled, rotating swivel. Oiling <b>in any position</b> possible.				
				
PREMIUM Oiler HDPE 300cc				
33 080 70				
PREMIUM Oiler HDPE 500cc				
33 081 00				
<b>PREMIUM Oiler Aluminium</b>				
<b>with Swivel Pump</b>				
High-grade oiler for professional use in all maintenance and service areas, containers made of Aluminium				
Newly developed, high quality brass double pump mechanism with angled, rotating swivel. Oiling <b>in any position</b> possible.				
				
PREMIUM Oiler Aluminium 300cc				
33 090 60				
PREMIUM Oiler Aluminium 500cc				
33 091 07				
<b>PREMIUM Fluid Atomizer HDPE</b>				
<b>with swivel pump</b>				
High-grade atomizer for professional use in all maintenance and service areas, containers made of HDPE				
Newly developed, high quality brass double pump mechanism with angled, rotating swivel. For atomizing thin oils, petroleum and other fluids <b>in any position</b> possible.				
				
PREMIUM Fluid Atomizer HDPE 300cc				
33 084 45				
PREMIUM Fluid Atomizer HDPE 500cc				
33 085 06				
<b>PREMIUM Fluid Atomizer Aluminium</b>				
<b>with swivel pump</b>				
High-grade atomizer for professional use in all maintenance and service areas, containers made of Aluminium				
Newly developed, high quality brass double pump mechanism with angled, rotating swivel. For atomizing thin oils, petroleum and other fluids <b>in any position</b> possible.				
				
PREMIUM Fluid Atomizer Aluminium 300cc				
33 094 28				
PREMIUM Fluid Atomizer Aluminium 500cc				
33 095 03				



Description	Specifications can be subject to change without notice	Part No.	
<b>Pump-Sprayer 750 ml</b>			
Made of polythene, suitable for various chemicals e.g. detergents, solvents and cleaning agents, spray head with adjustable and lockable plastic nozzle			
		<i>New</i>	
Pump-Sprayer 750 ml		<b>33 096 40</b>	
<b>Industrial Pump-Sprayer</b>			
Industrial pump sprayer made of polythene suitable for various chemicals e.g. detergents, solvents and cleaning agents, spray head with adjustable and lockable brass nozzle <b>VITON seals</b>			
		<i>New</i>	
Industrial Pump-Sprayer 1 Liter		<b>33 098 00</b>	
Industrial Pump-Sprayer 2 Liter		<b>33 098 48</b>	
<b>Polythene Oil Measure with Dust Protection Lid and flexible spout</b>			
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 Litre	<b>(MPQ 5 pieces.)</b>	
Type J-PE 2000	2.00 Litre	<b>(MPQ 6 pieces.)</b>	
Type J-PE 5000	5.00 Litre	<b>(MPQ 4 pieces.)</b>	
			<b>33 200 10</b>
			<b>33 200 27</b>
			<b>33 200 58</b>
<b>Flexible Spout</b>			
Flexible spout for PE-Oil-Measure type J-PE and for Plastic Funnel with Strainer type F-HDPE (page 28)			
			
			<b>33 201 02</b>
			<b>33 201 26</b>
<b>Plastic Oil Measuring Jug, graduated</b>			
Transparent polypropylene with handle and pouring lip, ml scale Pack quantities (MPQ) subject to change without notice			
Type J-PP 25	0.25 Litre	<b>(MPQ 24 pieces.)</b>	
Type J-PP 50	0.50 Litre	<b>(MPQ 24 pieces.)</b>	
Type J-PP 100	1.00 Litre	<b>(MPQ 15 pieces.)</b>	
Type J-PP 200	2.00 Litre	<b>(MPQ 7 pieces.)</b>	
Type J-PP 300	3.00 Litre	<b>(MPQ 5 pieces.)</b>	
Type J-PP 500	5.00 Litre	<b>(MPQ 8 pieces.)</b>	
			<b>33 300 64</b>
			<b>33 300 02</b>
			<b>33 300 19</b>
			<b>33 300 26</b>
			<b>33 300 33</b>
			<b>33 300 57</b>
<b>Universal Sprayer</b>			
Spray flask for various fluids, e.g. distilled water, PE, angled plastic spout.			
			
Universal Sprayer UNI-PE 500	500 cc		<b>33 405 20</b>
<b>Plastic Oil Spray Can</b>			
Transparent Polythene container (SK-PE)			
			<i>New</i>
Type SK-PE 125 with Cap	capacity: 125 cc		
Type SK-PE 250 with Cap	capacity: 250 cc		
Type SK-PE 500 with Cap	capacity: 500 cc		
			<b>33 412 51</b>
			<b>33 425 00</b>
			<b>33 450 06</b>

Description	Specifications can be subject to change without notice		Part No.	
<b>Plastic Funnel without Strainer</b>				
Standardised range with all popular sizes for use in all industries. Material: PP	MPQ			
Plastic Funnel F-PP 75      ø 75 mm	10	<b>33 507 03</b>		
Plastic Funnel F-PP 160    ø 160 mm	10	<b>33 516 01</b>		
Plastic Funnel F-PP 235    ø 235 mm	6	<b>33 524 00</b>		
<b>Plastic Funnel with Strainer</b>				
As described above, with removable Strainer	MPQ			
Plastic Funnel FS-PP 160 with strainer    ø160 mm	10	<b>33 516 18</b>		
Plastic Funnel FS-PP 235 with strainer    ø235 mm	6	<b>33 524 17</b>		
<b>Plastic Funnel Set</b>				
Plastic Funnel Set - F-PP, oil, petrol and acid-resistant with suspension eye	MPQ			
At 6-piece set incl. one removable strainer for Ø 160 mm Funnel		<i>New</i>		
Funnel-Set F-PP-Set 3    Ø 75/160/235 mm	5	<b>33 512 36</b>		
Funnel-Set F-PP-Set 5    Ø 50/75/100/120/150 mm	10	<b>33 513 04</b>		
Funnel-Set F-PP-Set 6    Ø 50/75/100/120/150/160 mm	10	<b>33 513 11</b>		
<b>Plastic Funnel with Detachable Spout</b>				
Plastic Funnel, red, with strainer and flexible screw-on detachable spout.	MPQ			
		<i>New</i>		
Funnel FS-PP-F160 (ø160mm) with spout	10	<b>33 516 70</b>		
Funnel FS-PP-F235 (ø235mm) with spout	10	<b>33 523 01</b>		
<b>Flexible Spout for Plastic Funnel</b>				
Flexible Spout for Plastic Funnel	MPQ			
		<i>New</i>		
Flexible Spout for Plastic Funnel FS-PP-F160	10	<b>33 535 44</b>		
Flexible Spout for Plastic Funnel FS-PP-F235	10	<b>33 535 82</b>		
<b>Plastic Funnel with Flap Lid</b>				
Plastic Funnel with stainless steel strainer and lockable flap lid Suitable for waste oil and chemical disposal Material: PP Diameter: 250mm	MPQ			
Thread: R2" and 2" TriSure, male				
Funnel FSC-PP-250 (ø 250mm) with Flap Lid	1	<b>33 517 00</b>		
<b>Plastic Funnel with Strainer</b>				
Plastic Funnel made of heavy duty polythene with screw-on flexible spout	MPQ			
Plastic Funnel F-HDPE 190	6	<b>33 518 09</b>		
Plastic Funnel F-HDPE 240	4	<b>33 522 02</b>		



## Tin Plate Oil Measures and Funnels

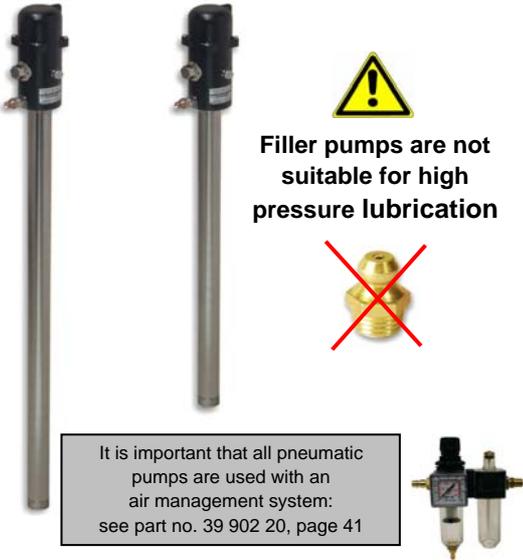
Description	Specifications can be subject to change without notice	Part No.	
<b>Tin Plate Oil Measure, "graduated"</b>	High quality Tin Plate Oil Measure very stable with anti-surge top and funnel-shaped spout, graduated	<i>New</i>	
"only for lubricating oils"			
Type FM-T 500 0.5 Liter		33 105 09	
Type FM-T 1000 1.0 Liter		33 110 01	
Type FM-T 2000 2.0 Liter		33 120 08	
<b>Tin Plate Oil Measure, "graduated"</b>	with flexible spout High quality Tin Plate Oil Measure very stable with anti-surge top and flexible spout, graduated	<i>New</i>	
"only for lubricating oils"			
Type FMF-T 1000 1.0 Liter		33 110 25	
Type FMF-T 2000 2.0 Liter		33 120 22	
<b>Tin Plate Funnel with strainer</b>	and rigid, straight outlet High quality Tin Plate Funnel with Strainer 0.7 mm, Handle and removable, straight outlet	<i>New</i>	
Tin Plate Funnel F-T 160 with Strainer, ø 160 mm		33 616 00	
Tin Plate Funnel F-T 200 with Strainer, ø 200 mm		33 617 09	
Tin Plate Funnel F-T 240 with Strainer, ø 240 mm		33 618 08	
<b>Tin Plate Funnel with strainer</b>	and flexible, straight outlet High quality Tin Plate Funnel with Strainer 0.7 mm, Handle and removable, flexible outlet	<i>New</i>	
Tin Plate Funnel FF-T 160 with Strainer, ø 160 mm		33 616 24	
Tin Plate Funnel FF-T 200 with Strainer, ø 200 mm		33 617 16	
Tin Plate Funnel FF-T 240 with Strainer, ø 240 mm		33 618 15	
<b>Tin Plate Funnel with strainer</b>	and flexible, angled spout High quality Tin Plate Funnel with Strainer 0.7 mm, Handle and removable, flexible and angled outlet	<i>New</i>	
Tin Plate Funnel FA-T 160 with Strainer, ø 160 mm		33 616 48	
Tin Plate Funnel FA-T 200 with Strainer, ø 200 mm		33 617 23	
Tin Plate Funnel FA-T 240 with Strainer, ø 240 mm		33 618 22	
<b>Petrol-Spare-Strainer for Tin Plate Funnel</b>	Spare-Strainer with 0.25 mm mesh size and clamping ring ideally suited for fuels such as diesel and gasoline	<i>New</i>	
Petrol-Spare-Strainer for Tin Plate Funnel		33 699 03	



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

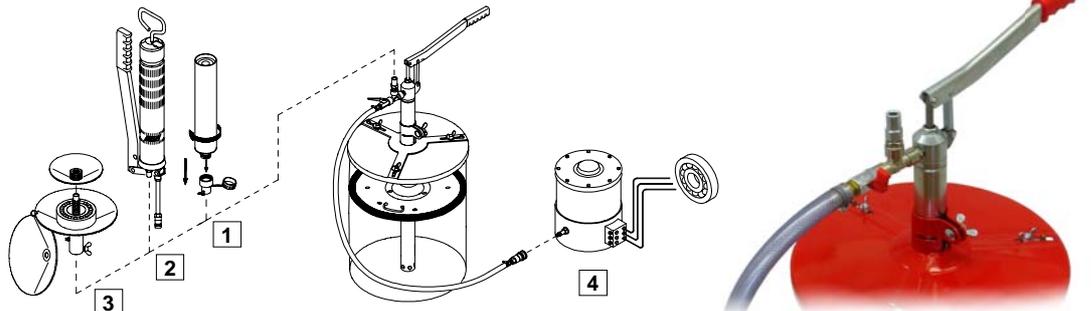
Description	Specifications can be subject to change without notice	Part No.	
<b>centraFILL-standard Filler Pump</b>			
Filler pump for centralised lubrication systems with keg lid with 3 thumb screws and follower plate PVC hose - 2.0 metres Quick release coupling (ISO-Norm 7241B DN6/1/4") <b>for grease NLGI 000 - 2</b>			
<i>centraFILL 5-s</i> for 5 kg Kegs, Inner-Ø 165 - 200 mm		<b>33 805 40</b>	
<i>centraFILL 10-s</i> for 10kg Kegs, Inner-Ø 215 - 230 mm		<b>33 810 42</b>	
<i>centraFILL 15-s</i> for 15kg Kegs, Inner-Ø 255 - 282 mm		<b>33 815 54</b>	
<i>centraFILL 20-s</i> for 18/20kg Kegs, Inner-Ø 265 - 285 mm*		<b>33 818 44</b>	
<i>centraFILL 20-s</i> for 18/20kg Kegs, Inner-Ø 285 - 305 mm		<b>33 818 51</b>	
<i>centraFILL 25-s</i> for 25kg Kegs, Inner-Ø 300 - 335 mm		<b>33 825 44</b>	
<i>centraFILL 50-s</i> for 50kg Kegs, Inner-Ø 355 - 387 mm		<b>33 850 40</b>	
<b>centraFILL-deluxe Filler Pump</b>			
Filler pump for centralised lubrication systems with self centering keg lid for centering pump, follower plate, PVC hose - 2.0 metres, quick release coupling (ISO-Norm 7241B DN6/1/4")			
<i>centraFILL 10-d</i> for 10kg Kegs, Inner-Ø 215-230 mm		<b>33 810 66</b>	
<i>centraFILL 15-d</i> for 15kg Kegs, Inner-Ø 255-282 mm		<b>33 815 78</b>	
<i>centraFILL 20-d</i> for 18/20kg Kegs, Inner-Ø 265-285 mm*		<b>33 818 68</b>	
<i>centraFILL 20-d</i> for 18/20kg Kegs, Inner-Ø 285-305 mm		<b>33 818 75</b>	
<i>centraFILL 25-d</i> for 25kg Kegs, Inner-Ø 300-335 mm		<b>33 825 68</b>	
<i>centraFILL 50-s</i> for 50kg Kegs, Inner-Ø 355 - 387 mm		<b>33 850 64</b>	
<b>centraFILL-deluxe Filler Pump "Jokey"</b>			
<b>for 18/20 kg JOKEY Plastic Pail</b> as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail ( <b>Jet 2000</b> )			
<i>centraFILL 20-d</i> for 18/20 kg JOKEY plastic pail		<b>33 817 38</b>	
<b>centraFILL-M Mobile</b>			
Filler pump for centralised lubrication systems, keg cover (without screws), follower plate and trolley, PVC hose 2.0 metres with, quick release coupling (ISO-Norm 7241B DN6/1/4")			
<i>centraFILL 15-M</i> for 15kg Kegs, Inner-Ø 255-282 mm		<b>33 816 08</b>	
<i>centraFILL 20-M</i> for 18/20kg Kegs, Inner-Ø 265-285 mm*		<b>33 819 05</b>	
<i>centraFILL 20-M</i> for 18/20kg Kegs, Inner-Ø 285-305 mm		<b>33 819 12</b>	
<i>centraFILL 25-M</i> for 25kg Kegs, Inner-Ø 300-335 mm		<b>33 826 05</b>	
<i>centraFILL 50-M</i> for 50kg Kegs, Inner-Ø 355-387 mm		<b>33 851 01</b>	

## Pneumatic Filler Pumps and Accessories

Description	Specifications can be subject to change without notice	Part No.	
<b>Pneumatic Filler Pump pneMATO-fill, Pump</b>	Pneumatic filler pump, suitable for high viscosity oils, i.e. tacky chain lubricants, for Grease NLGI 000 -2		 <p style="text-align: center;">   <b>Filler pumps are not suitable for high pressure lubrication</b> </p>
<b>Note: the pump must not be used for lubrication</b>	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"	33 725 45 33 750 41 33 720 26 33 720 40	<p>It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 41</p> 
<b>Pneumatic Filler Pump pneMATO-fill, Static</b>	Pneumatic grease pump as described above for filling centralised cubrication systems with QR coupler. The kit consists of a pneumatic pump, 2 metre hose DN12(1/2") with quick release coupling (ISO-Norm 7241B DN6 / 1/4"), follower plate and self centering keg lid.		
Technical data see above	pneuMATO-fill-10-d for 10kg Kegs, Inner-Ø 215-230 mm pneuMATO-fill-15-d for 15kg Kegs, Inner-Ø 255-282 mm pneuMATO-fill-20-d for 18/20kg Kegs, Inner-Ø 265-285 mm* pneuMATO-fill-20-d for 18/20kg Kegs, Inner-Ø 285-305 mm pneuMATO-fill-25-d for 25kg Kegs, Inner-Ø 300-335 mm pneuMATO-fill-50-d for 50kg Kegs, Inner-Ø 355-387 mm pneuMATO-fill-200-d for 200kg Kegs, Inner-Ø 550-590 mm	33 710 12 33 715 24 33 720 71 33 720 57 33 725 21 33 750 10 33 720 02	
<b>Pneumatic Filler Pump pneMATO-fill, Static</b>	<b>for 18/20 kg JOKEY Plastic Pail</b> as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail ( <b>Jet 2000</b> )		
pneuMATO-fill-20-d for 18/20 kg JOKEY plastic pail	<b>Pneumatic Filler Pump pneMATO-fill, Mobile</b>	33 721 18	
Pneumatic grease pump as sample for filling of centralised lubrication systems with QR coupler. The kit consists of a pneumatic pump, 2 metre hose DN12 (1/2") with quick release coupling (ISO-Norm 7241B DN6 / 1/4"), follower plate, keg lid and trolley.	Technical data see above	33 715 93 33 720 95 33 721 01 33 725 90 33 750 89	
<b>DIGIMET E35</b>	<b>Electronic Inline Flow Meter</b> For fitting to pneuMATO-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	DIGIMET E35 - Inline Flow Meter 35 410 19	

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

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



1. Lube-Shuttle® cartridge with refill adaptor

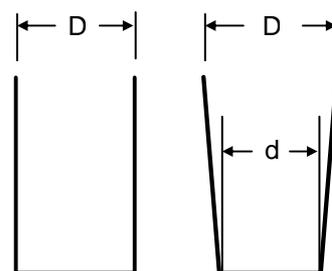
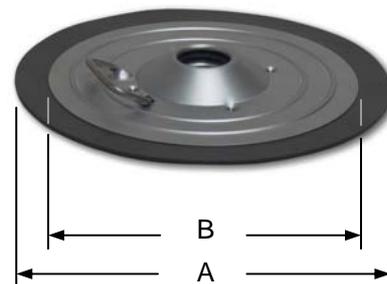
2. Grease gun with filling nipple, e.g. E500 / TG 500

3. Ball races with wheel bearing grease packer

4. Centralised lubrication system with QR coupler

## Grease Follower Plates and Keg Covers

Description		Specifications can be subject to change without notice	Part No.
<b>Grease Follower Plates</b>			
for eco-/centraFILL equipment, Bucket-Greaser, pneuMATO 55, pneuMATO 55 high flow, pneuMATO 75 and pneuMATO-fill, suitable for suction tube Ø 40 mm			
<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     Recommended keg size by ELGI:                      (European Lubricating Grease Institute)                      18 kg Keg                 </div> *			
	A / B	d - D	
FO 5	205/150	for Inner-Ø 165 - 200 mm	<b>33 920 00</b>
FO 10	236/204	for Inner-Ø 215 - 230 mm	<b>33 923 07</b>
FO 15	273/204	for Inner-Ø 220 - 267 mm	<b>33 926 73</b>
FO 15	285/242	for Inner-Ø 255 - 282 mm	<b>33 928 26</b>
FO 20	291/242	for Inner-Ø 265 - 285 mm *	<b>33 928 57</b>
FO 20	312/242	for Inner-Ø 285 - 305 mm	<b>33 930 52</b>
FO 25	338/285	for Inner-Ø 300 - 335 mm	<b>33 933 59</b>
FO 40	356/300	for Inner-Ø 311 - 346 mm	<b>33 934 65</b>
FO 50	392/330	for Inner-Ø 350 - 385 mm	<b>33 938 54</b>
FO 50	392/340	for Inner-Ø 355 - 387 mm	<b>33 938 78</b>
FO 50	415/354	for Inner-Ø 385 - 410 mm	<b>33 941 03</b>
FO 200	596	for Inner-Ø 550 - 590 mm	<b>33 959 02</b>
<b>Adaptor Set, 5 part, for Suction Tubes Ø 40 mm</b>			
Reducers for suction tubes-Ø 26, 28, 30, 32 and 35 mm for reducing from Ø 40 mm suction tube			
Adaptor set 5 parts			
<b>Self Centering Keg Lid- D</b>			
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	<b>33 961 38</b>
Lid D 20-25	365 mm	for kegs with outer Ø 280-350 mm *	<b>33 961 52</b>
Lid D 50	433 mm	for kegs with outer Ø 350-420 mm	<b>33 961 76</b>
<b>Self Centering Keg Lid - D "JOKEY"</b>			
Self centering cover with special claws for maximum secure grip on the JOKEY pail (Jet 2000), steel powder coated			
Keg Lid D 18/20	365 mm	for Jokey plastic pail	<b>33 961 45</b>
<b>Keg Lid - S</b>			
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	<b>33 960 08</b>
Lid S 10-15	310 mm	for kegs with outer Ø 225-295 mm	<b>33 960 22</b>
Lid S 20-25	365 mm	for kegs with outer Ø 280-350 mm *	<b>33 960 46</b>
Lid S 50	430 mm	for kegs with outer Ø 350-420 mm	<b>33 960 60</b>
Lid S 200	660 mm	for kegs with outer Ø 570-625 mm	<b>33 960 84</b>
<b>Keg Cover</b>			
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	<b>33 962 20</b>
Cover M 20-25	365 mm	for kegs with outer Ø 280-355 mm *	<b>33 962 44</b>
Cover M 50	430 mm	for kegs with outer Ø 350-425 mm	<b>33 962 68</b>





Description	Specifications can be subject to change without notice	Part No.	
<b>High Pressure Lubricator Bucket Greaser</b>			
High pressure lubricator for direct greasing of bearings of 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.			
<b>For Grease NLGI 000 - 2.</b>			
Bucket Greaser BG 5-s f. 5kg,	Inner-Ø165-200 mm	<b>33 805 71</b>	
Bucket Greaser BG 10-s f. 10kg,	Inner-Ø215-230 mm	<b>33 810 80</b>	
Bucket Greaser BG 15-s f. 15kg,	Inner-Ø255-282 mm	<b>33 815 92</b>	
Bucket Greaser BG 20-s f. 18/20kg,	Inner-Ø265-285 mm *	<b>33 818 82</b>	
Bucket Greaser BG 20-s f. 18/20kg,	Inner-Ø285-305 mm	<b>33 818 37</b>	
Bucket Greaser BG 25-s f. 25kg,	Inner-Ø300-335 mm	<b>33 825 82</b>	
Bucket Greaser BG 50-s f. 50kg,	Inner-Ø355-387 mm	<b>33 851 70</b>	
<b>High Pressure Lubricator Bucket Greaser</b>			
<b>for 18/20 kg JOKEY Plastic Pail</b>			
as described above, including self centering cover with special claws for maximum secure grip on the JOKEY Pail ( <b>Jet 2000</b> )			
Bucket Greaser BG 20-d for 18/20 kg JOKEY plastic pail		<b>33 819 50</b>	
<b>Foot Operated Grease Pump FP-06-economy</b>			
Budget priced foot operated pump with 2.0 m high pressure rubber hose and 4-jaw hydraulic connector, carry handle.			
<b>For Grease NLGI 000 - 2.</b>			
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		<b>33 860 09</b>	
<b>Foot Operated Grease Pump FP-08-heavy duty</b>			
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.			
<b>For Grease to NLGI 3.</b>			
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		<b>33 860 54</b>	
<b>High Pressure Hand Control for FP-08</b>			
with rigid tube and hydraulic connector			
Hand control with rigid tube for FP-08		<b>33 902 80</b>	



Description	Part No.	Image
<p><b>pneuMATO 55 Grease Pump without Accessories</b></p> <p>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 <b>For Grease NLGI 000 - 2</b></p>		
pneuMATO 55 Grease Pump for 10-25kg kegs, suction tube 495 mm	34 102 54	
pneuMATO 55 Grease Pump for 50kg kegs, suction tube 690 mm	34 102 78	
pneuMATO 55 Grease Pump for 200kg kegs, suction tube 885 mm	34 102 92	
<p><b>pneuMATO 55 Grease Pump Unit, Static with 3.5 m High Pressure Grease Hose DN6, R1/4"</b></p> <p>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</p>		
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 18/20kg kegs, Inner-Ø 265-285 mm*	34 105 68	
pneuMATO 55, static for 18/20kg 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 200kg kegs, Inner Ø 550-590 mm	34 107 80	
<p><b>pneuMATO 55 Grease Pump Unit, Static with 6.5 m High Pressure Grease Hose DN6, R1/4"</b></p> <p>Features as described above.</p>		
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 18/20kg kegs, Inner-Ø 265-285 mm*	34 105 82	
pneuMATO 55, static for 18/20kg 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 200kg kegs, Inner Ø 550-590 mm	34 109 71	
<p><b>pneuMATO 55 Grease Pump Unit, Static with 10 m High Pressure Grease Hose DN6, R1/4"</b></p> <p>Features as described above.</p>		
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 18/20kg kegs, Inner-Ø 265-285 mm*	34 105 99	
pneuMATO 55, static for 18/20kg 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 200kg kegs, Inner Ø 550-590 mm	34 109 88	
<p><b>pneuMATO 55 Grease Pump Unit, Static for 18/20 kg JOKEY plastic pail</b></p> <p>Features as described above, including self centering cover with special claws for maximum secure grip on the JOKEY pail (<b>Jet 2000</b>)</p>		
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 41



Description	Specifications can be subject to change without notice	Part No.	
<b>pneuMATO 55 Grease Pump Unit, Mobile</b> <b>with 3.5 m High Pressure Grease Hose DN6</b> 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; display: inline-block;">                         It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, <b>page 41</b> </div> 			
pneuMATO 55, mobile for 10 kg kegs, Inner Ø 215-230 mm		<b>34 110 08</b>	
pneuMATO 55, mobile for 15 kg kegs, Inner Ø 255-282 mm		<b>34 115 03</b>	
pneuMATO 55, mobile for 18/20kg kegs, Inner Ø 265-285 mm*		<b>34 118 00</b>	
pneuMATO 55, mobile for 18/20kg kegs, Inner Ø 285-305 mm		<b>34 118 24</b>	
pneuMATO 55, mobile for 25 kg kegs, Inner Ø 300-335 mm		<b>34 125 00</b>	
pneuMATO 55, mobile for 50 kg kegs, Inner Ø 355-387 mm		<b>34 150 06</b>	
<b>pneuMATO 55 Grease Pump Unit, Mobile</b> <b>with 6.5 m High Pressure Grease Hose DN6, R1/4"</b>  Features as described above.			
pneuMATO 55, mobile for 10 kg kegs, Inner Ø 215-230 mm		<b>34 110 15</b>	
pneuMATO 55, mobile for 15 kg kegs, Inner Ø 255-282 mm		<b>34 115 10</b>	
pneuMATO 55, mobile for 18/20kg kegs, Inner Ø 265-285 mm*		<b>34 118 17</b>	
pneuMATO 55, mobile for 18/20kg kegs, Inner Ø 285-305 mm		<b>34 118 55</b>	
pneuMATO 55, mobile for 25 kg kegs, Inner Ø 300-335 mm		<b>34 125 17</b>	
pneuMATO 55, mobile for 50 kg kegs, Inner Ø 355-387 mm		<b>34 150 37</b>	
<b>pneuMATO 55 Grease Pump Unit, Mobile</b> <b>with 10 m High Pressure Grease Hose DN6, R1/4"</b>  Features as described above.			
pneuMATO 55, mobile for 10 kg kegs, Inner Ø 215-230 mm		<b>34 110 22</b>	
pneuMATO 55, mobile for 15 kg kegs, Inner Ø 255-282 mm		<b>34 115 27</b>	
pneuMATO 55, mobile for 18/20kg kegs, Inner Ø 265-285 mm*		<b>34 118 48</b>	
pneuMATO 55, mobile for 18/20kg kegs, Inner Ø 285-305 mm		<b>34 118 62</b>	
pneuMATO 55, mobile for 25 kg kegs, Inner Ø 300-335 mm		<b>34 125 24</b>	
pneuMATO 55, mobile for 50 kg kegs, Inner Ø 355-387 mm		<b>34 150 44</b>	

Description	Specifications can be subject to change without notice	Part No.
<b>MATO-One Hand Air Operated Grease Gun DF</b>		
For use with grease cartridges 400 grm, 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 with hydraulic connector		34 100 01
DF 501 with rubber hose RH-30C with hydraulic connector		34 100 56
<b>MATO-One Hand Air Operated Oil Gun DFO</b>		
Technical data as above, but with oil tight inner piston.		
<b>Accessory set includes hydraulic connector with non-return valve.</b>		
Air Operated Oil Gun DFO 500, rigid tube		34 101 00
Air Operated Oil Gun DFO 501, rubber hose RH-30C		34 101 24
<b>pneuMATO 75 Grease Pump without accessories</b>		
Pressure Ratio: 1:75 Output 500 - 600 grm/min. free delivery, <b>Maximum working pressure 580 bar (8,390 psi),</b> grease outlet thread R1/4", Suction tube Ø 40 mm <b>For Grease NLGI 000 - 2</b> <b>For use of NLGI 3 please consult with our Technical Dpt.</b>		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 41</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
<b>Grease Compressor K-07</b>		
with high pressure rubber hose and control valve, rigid tube and 4-jaw hydraulic connector, mobile unit. <b>For grease to NLGI 3</b>		
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	Specifications can be subject to change without notice	Part No.	
<b>MATO-Rubber Hose Assemblies</b>			
<p>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.</p>			
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	
<b>Air Management System</b>			
<p>with pressure regulator, pressure gauge, water filter and lubricator.</p>			
<p><b>It is important that all pneumatic pumps are used with an air management system to ascertain the supply of clean, dry and oiled air. Please consult the operation manuals of the pneumatic pumps to see warranty statements.</b></p>			
Air Management System		39 902 20	
<b>Trolley</b>			
<p>For filler pumps and pneumatic grease pumps</p>			
<p>Trolley for 10-50 kg kegs, easily assembled, <b>robust zinc plated design</b>, with pump bracket and handle</p>			
<p>Trolley for 200 litre drums or 200kg kegs, <b>black painted</b> robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve.</p>			
Trolley for 10-50 kg kegs		34 700 50	
Trolley for 200 L drums or 200kg kegs		34 701 80	

Description	Specifications can be subject to change without notice	Part No.
<b>DIGIMET E5 Grease Meter</b>		
High Pressure Digital Meter for Grease to NLGI 2, Displays dispense in cc, resettable, totaliser in litres, inlet R1/4" female		
Working Pressure: max. 500 bar (7,250 psi) Burst Pressure: min. 1,000 bar (14,450 psi) Accuracy: +/- 3% max.permmissible 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	
<b>Digimet E5 with high pressure rubber hose R1/8"</b>		
High Pressure Digital Meter for Grease to NLGI 2, technical data as described above, except for Inlet R1/8" female		
DIGIMET E5 In-line-Grease Meter	35 415 45	
<b>High Pressure Grease Control Valve, standard</b>		
All steel construction, with rigid tube E4024 (1/8"), 4-jaw hydraulic connector Inlet: R1/4" female <b>Working pressure: max 450 bar (6,510 psi)</b> <b>Not suitable for pneuMATO 75</b>		
High pressure grease control valve with straight swivel	34 108 03	
High pressure grease control valve with 'Z' swivel	34 108 34	
<b>High Pressure Grease Control Valve, deluxe</b>		
Robust construction with straight swivel, delivery tube E4024 1/8", 4 jaw hydraulic connector, thread 1/4"female, <b>Working pressure max. 600 bar/psi 8,700</b> 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	
<b>Straight Swivel for Grease Control Valve</b>		
Straight swivel for grease control valve	34 109 02	
<b>Z Swivel for Grease Control Valve</b>		
Heavy Duty, ball bearing, R1/4"		
Heavy Duty with ball bearing action- Inlet: 1/4"	34 109 40	

Description	Specifications can be subject to change without notice	Part No.
<b>AccuLuber 14.4-S + LS Ni-Cd</b>		
<p>Heavy Duty 14.4V Battery Operated Grease Gun for 400gr. Cartridges or 500gr Bulk Fill. Model available for 400gr. Lube-Shuttle® - System- Cartridges. A powerful DC motor drive with planetary gearbox and reciprocating piston gives up to 400 bar of grease pressure. Maximum pressure is limited by inbuilt pressure relief valve.</p>		
<b>Description:</b>		
<p>Battery Operated Grease Gun, 14.4V Ni-Cd battery, <b>1,500mAh</b>, Delivery: 100cc per min. approx., electronically controlled fast charger with overload protection (1 hour charge 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 cartridge.</p>		
Electric Grease Gun Kit AccuLuber 14.4-S Ni-Cd		<b>34 258 52</b>
Electric Grease Gun Kit AccuLuber 14.4-LS Ni-Cd (Lube-Shuttle®)		<b>34 258 07</b>
<b>AccuLuber 14.4-S + LS Li-Ion</b>		
<p>Heavy Duty 14.4V Battery Operated Grease Gun for 400gr. Cartridges or 500gr Bulk Fill. Model available for 400gr. Lube-Shuttle® - System- Cartridges. A powerful DC motor drive with planetary gearbox and reciprocating piston gives up to 400 bar of grease pressure. Maximum pressure is limited by inbuilt pressure relief valve.</p>		
<b>Description:</b>		
<p>Battery Operated Grease Gun, 14.4V Li-Ion battery, <b>3,000mAh</b>, Delivery: 100cc per min. approx., electronically controlled fast charger with overload protection (2 hour charge 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 cartridge.</p>		
Electric Grease Gun Kit AccuLuber 14.4-S Li-Ion		<b>34 271 15</b>
Electric Grease Gun Kit AccuLuber 14.4-LS Li-Ion (Lube-Shuttle®)		<b>34 270 30</b>
<b>Spare Battery for AccuLuber 14.4-S + LS Ni-CD</b>		
<p>High Power Ni-Cad Battery 14.4V DC, <b>1,500mAh</b> Charging Time: 1 hour approx.</p>		
Ersatz-Akku für AccuLuber 14.4-S + LS Ni-CD		<b>34 259 06</b>
<b>Spare Battery for AccuLuber 14.4-S + LS LI-Ion</b>		
<p>More powerful Li-Ion-Battery 14.4 DC, <b>3,000 mAh</b>, <b>with double power</b> compared to Ni-Cd version <b>Must be charged only with Li-Ion Charger.</b> Charging Time: 2 hour approx.</p>		
Spare Battery for AccuLuber 14.4-S + LS LI-Ion		<b>34 274 05</b>
<b>Chargers for AccuLuber 14.4-S + LS</b>		
<p>Battery Charger with overload protection 14.4 DC, ON/OFF LED monitoring lamp, fast-charge function, 2m cable</p>		
<p>Caution: please select your charger according to your spare battery (Ni-Cd or Li-Ion).</p>		
Charger 230V AC 50 Hz for Acculuber 14.4-S + LS Ni-Cd		<b>34 259 20</b>
Charger 12V - 24V DC for Acculuber 14.4-S + LS Ni-Cd		<b>34 259 68</b>
Charger 230V AC 50 Hz for Acculuber 14.4-S + LS Li-Ion		<b>34 275 04</b>



double power



double power



New

New

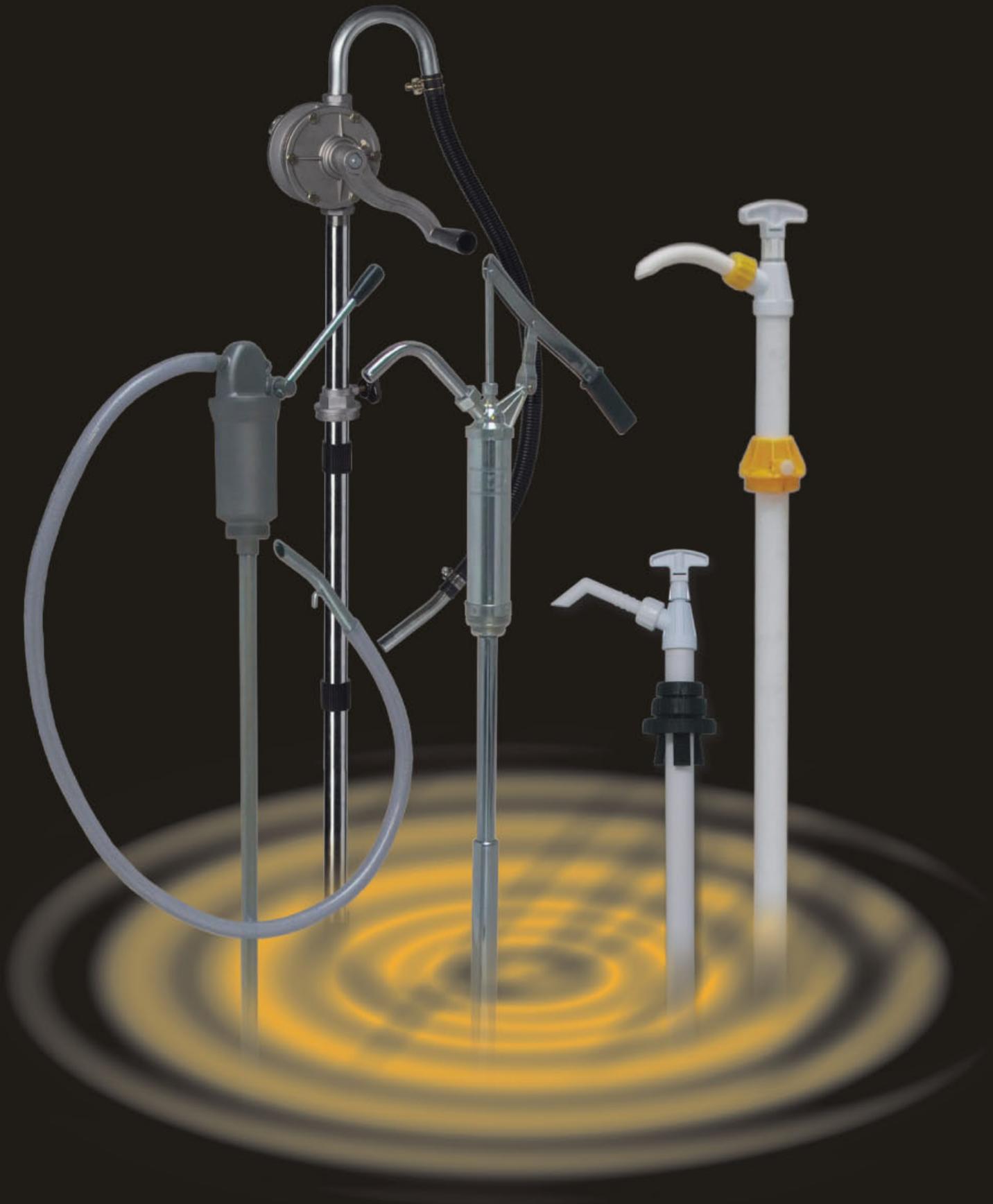
New

Description	Specifications can be subject to change without notice	Part No.
<b>High Pressure Rubber Hose</b>		
<b>for AccuLuber 14.4-S + LS</b>		
High Pressure Rubber Hose ø 13mm, hexagonal end fittings for positive and safe assembly, burst pressure 1,650 bar (double steel wire braided) 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
<b>Carrying Strap for Acculuber</b>		
Simple, fast and secure strap ensuring ease of use of the battery operated grease gun		
Carrying Strap for Acculuber 14.4-S + LS		34 259 99
<b>Electric Lube-Compressor ELC 6</b>		
with 3.5m 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		
<b>This product is a non-stock item.</b>		
Technical Data:		
Operating Pressure:	350 bar	
Delivery Rate:	150 ccm / min approx.	
Power:	0,37 kW	
Voltage:	400 V	
Protection Rating:	IP 54	
Electric Lube-Compressor ELC 6 230 V		34 260 64
Electric Lube-Compressor ELC 6 400 V		34 260 40
<b>Electric Lube-Compressor ELC 15</b>		
As above specification, but with reservoir capacity of 15 kg, working pressure 300 bar		
<b>This product is a non-stock item.</b>		
Electric Lube-Compressor ELC 15 230 V		34 261 94
Electric Lube-Compressor ELC 15 400 V		34 261 70
<b>Electric Lube-Compressor ELC 30</b>		
As above specification, but with reservoir capacity of 30 kg, working pressure 300 bar		
<b>This product is a non-stock item.</b>		
Electric Lube-Compressor ELC 30 230 V		34 263 54
Electric Lube-Compressor ELC 30 400 V		34 263 30



## Grease Spray Equipment and Accessories

Description	Specifications can be subject to change without notice	Part No.	
<p><b>Lube-Shuttle® Grease Spray Unit LubeJet-eco</b></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>		33 780 80	
<p><b>Lube-Shuttle® Grease Spray Unit LubeJet-eco</b></p> <p><b>pneuMATO 55 - LubeJet, static</b></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 kegs and drums and will provide high volumes of grease.</p>		33 727 29	
<p>Specification: pneuMATO 55 -pneumatic pump kit, pressure ratio 1:55, 10m special twin delivery hose, spray gun, pressure regulator 5 bar, <b>air inlet pressure limited to 5 bar</b></p>		33 757 20	
<p><b>version with 3.5 or 6.5 m hose length upon request</b></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>		33 701 21	
<p><b>pneuMATO 55 - LubeJet, mobile</b></p> <p>Specification as above but with Heavy Duty Trolley</p> <p><b>version with 3.5 or 6.5 m hose length upon request</b></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>		33 726 20	
<p><b>Grease Spray Gun</b></p> <p>This spray gun has been specially designed to effectively spray grease. Spray patterns, air and grease volumes are individually adjustable.</p> <p><b>Important note: maximum permitted air pressure is 5 bar.</b></p>		33 793 60	
<p>Grease Spray Pistol LubeJet</p> <p><b>Twin Hose for pneuMATO 55 - LubeJet</b></p>		33 793 08	
<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>		33 793 15	
<p><b>Air Pressure Regulator for pneuMATO 55 Lubejet</b></p> <p>This Air Pressure regulator limits the air supply pressure to the pump to 5 bar. It is supplied as an assembly with pressure gauge and appropriate connections for the air supply pipework.</p>		33 793 22	
<p>Air Pressure Regulator for pneuMATO 55 Lubejet</p>		33 794 90	



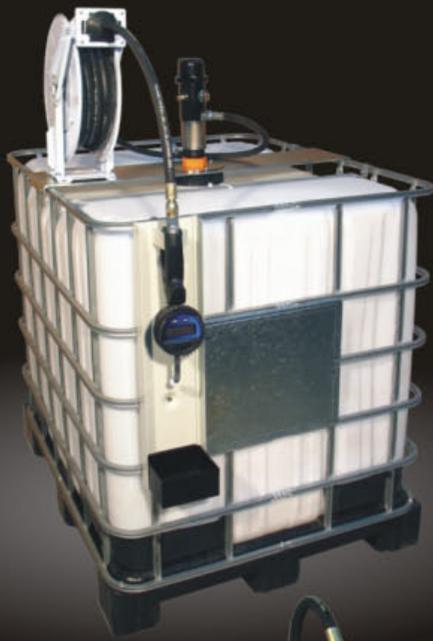
## Syphon Pumps and Lift Pumps

Description	Specifications can be subject to change without notice	Part No.	
<b>Polythene Syphon-Pump Model SP-50</b>	Designed for use with the majority of aggressive fluids Suction tube length 375 mm Bung adaptor for Ø 31 mm / 1" BSP Delivery hose length 0,5 m (approx). Output 50 ml per stroke, therefore approximately 6 litres per minute is possible	34 622 08	
<b>Polythene Syphon-Pump Model SP-150</b>	Designed for use with the majority of aggressive fluids suitable for detergents. Suction tube length 850 mm Bung adaptor 2" BSP Delivery hose length 1,4 m (approx). Output 150 ml per stroke, therefore approximately 20 litres per minute is possible	34 622 22	
<b>UNIVERSAL - Lift Pump LP-S</b>	Universal Plastic Pump for standard drums / barrels. Output: 250 cc per stroke LP-S: Compatible with lubricating oils, diesel and fuel oil. Compatibility with other fluids on request.		
<b>Universal Lift Pump LP-S 25</b>	with universal adaptor for 20-25 Litre drums	34 625 12	
<b>Universal Lift Pump LP-S 200</b>	with bung adaptor R2" for 200 Litre barrels	34 625 29	
<b>UNIVERSAL - Lift Pump LP-C</b>	Universal Plastic Pump for standard drums / barrels. Output: 250 cc per stroke LP-C: Compatible with chemicals, thinners, solvents, anti-freeze, detergents and cleaning fluids. Compatibility with other fluids on request Piston in stainless steel		
<b>Universal Lift Pump LP-C 25</b>	with universal adaptor for 20-25 Litre drums	34 625 50	
<b>Universal Lift Pump LP-C 200</b>	with bung adaptor R2" for 200 Litre barrels	34 625 67	
<b>Delivery hose for Lift Pumps LP-C &amp; LP-S</b>	2.0 m PVC-Delivery hose with spout for LP-C & LP-S	34 626 04	
<b>Universal Adaptor for Lift Pumps LP-C &amp; LP-S</b>	Universal Adaptor for Lift Pumps LP-C & LP-S	34 626 28	
<b>Adaptor 2" BSP for Lift Pumps LP-C + LP-S</b>	Adaptor 2" BSP for Lift Pumps LP-C + LP-S	34 626 11	
<b>2" TriSure-Adaptor (male) to 2" BSP (female)</b>	2" TriSure-Adaptor (male) to 2" BSP (female)	34 705 00	
<b>UNIVERSAL - Lift Pump LPM-200</b>	with rigid steel suction tube for 200 litre 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	34 626 80	

Description	Specifications can be subject to change without notice	Part No.	
<b>Lever Operated Pump LAP 350</b>	<p>Robust piston pump with lever action, non-return valve, zinc plated steel suction tube 1.5 metre PVC delivery hose with spout</p> <p>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</p>	34 635 88	
<b>Cast Iron Rotary Pump RP 100-s</b>	<p>2 chamber vane pump with 3 part steel suction tube suitable for barrels up to 200 Litres. Drum adaptor 2" BSP</p> <p>For diesel, motor, gearbox and hydraulic oils up to SAE 90</p> <p>Output: 250 cc per revolution</p>	34 610 10	
<b>Aluminium Rotary Pump RP 100-d</b>	<p>2 chamber vane pump with 3 part steel suction tube suitable for barrels up to 200 Litres. Drum adaptor 2" BSP</p> <p>For diesel, motor, gearbox and hydraulic oils up to SAE 90</p> <p>Output: 250 cc per revolution</p>	34 610 34	
<b>3 Part Steel Suction Tube for Rotary Pumps RP 100-s and RP 100-d</b>	3 Part Steel Suction Tube	34 612 70	
<b>Hose for Rotary Pump RP 100-s + RP 100-d</b>	Spare hose, 1.1 m, for Rotary Pump with Spout and Securing Hook	34 620 55	
<b>Ball valve with hose tail for Aluminium Rotary Pump RP 100-d</b>	Nozzle for gear oil with ball valve	34 620 62	
<b>Aluminium Rotary Pump RP 100-M with Trolley and Pump Bracket</b>	<p>2 chamber vane pump with metal suction tube set suitable for 50-60 Litre drums, with 1.2 m. delivery hose, ball valve with nozzle for gear oil, Drum adaptor 2"</p> <p>Trolley for 50-60 Litres drums with pump support bracket.</p>	34 610 58	
For diesel, motor, gearbox and hydraulic oils up to SAE 90	Output: 250 cc per revolution		
Aluminium Rotary Pump with trolley RP 100-M			

Description	Specifications can be subject to change without notice	Part No.	
<b>Lever Operated Barrel Pump HP 350</b>			
budget priced barrel pump for 50 to 200 Litre drums, Steel telescopic suction tube 450mm to 860mm, body made of zinc plated steel, 2" and 1 1/2" BSP drum adaptors detachable outlet nozzle		34 635 40	
<b>NBR (Perbunan) Seals</b>			
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	
<b>Lever Operated Barrel Pump HP 350 - V</b>			
other specifications as for HP 350 above but <b>with Viton seals and red handle grip</b>			
suitable for alcohol, anti-freeze, thinners Ensure fluid is compatible with VITON			
Lever Operated Barrel Pump HP 350 - V		34 635 64	
<b>Delivery hose DN16 for HP 350 + HP 350-V</b>			
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	
<b>PVC Hose with hosedetail for HP 350+HP 350-V</b>			
PVC hose 1.5 m. long, hosedetail and hoseclip		34 620 17	
<b>Pump Bracket</b>			
robust pump bracket in zinc plated steel			
Pump bracket for 25-30 Litre oil drums, span 280-320 mm		34 702 10	
Pump bracket for 50-60 Litre oil drums, span 350-390 mm		34 702 34	
<b>Trolley for 25-60 l Oil Containers</b>			
complete with pump fixing bracket, handle			
Trolley for 25-60 Litre Oil Containers		34 700 74	
<b>Trolley for 200 l/kg Oil Drums and Grease Kegs</b>			
black painted, robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve.			
Trolley for 200 Litre oil drum and 200 kg grease keg		34 701 80	

Description	Specifications can be subject to change without notice	Part No.	
<b>Container Hand Pump KHP 200-G</b>			
<b>for 20 - 30 litres rectangular container</b>			
designed for the filling of gearboxes and oil reservoirs, with special pump bracket Output: 200 cc per stroke			
KHP 202-G with 1.5 metre hose, ball valve and nozzle		34 637 24	
<b>Container Hand Pump KHP 202</b>			
<b>for 20 - 30 Litres Plastic Container</b>			
Robust hand pump with 1.5 metre rubber hose and ball valve for 20 - 30 Litre plastic Containers, sturdy pump bracket. Output : 200 cc per stroke			
KHP 202 with 1.5 m hose and ball valve		34 637 62	
<b>Container Hand Pump KHP 350</b>			
<b>for 20 Litres - Plastic Drum ("Superfos")</b>			
Hand pump with 1.5 metre rubber hose and ball valve for 20 Litre plastic Drum ("Superfos"), sturdy pump bracket. Output : 350 cc per stroke			
KHP 350 with 1.5 metre hose and ball valve		34 637 86	
<b>Oil Dispenser 24l with Hand Pump, Mobile</b>			
Oil Dispenser 24l with hand pump, mobile with 2.0 m hose, ball valve and curved spout			
Fluids: for diesel, engine, gearbox and hydraulic oils up to SAE 90		<i>New</i>	
Output: 250 cc / stroke			
Oil Dispenser 24l with Hand Pump, mobile		34 638 61	
<b>Delivery hose DN16 for HP 350 + HP 350-V</b>			
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 86	
<b>Pump Bracket for Container Pumps</b>			
robust pump bracket in zinc plated steel for Container Pumps including foam cuff to prevent overflow			
Pump Bracket for Container Pump KHP 202-G		34 702 58	
Pump Bracket for Container Pump KHP 202		34 702 27	
Pump Bracket for Container Pump KHP 350		34 702 65	



Description	Specifications can be subject to change without notice	Part No.
<b>pneuMATO Pneumatic Oil Pumps</b>		
Pressure Ratios 1:1, 1:3 and 1:5, with 2" BSP drum adaptor without accessories		
Outputs figures valid in case of free delivery		
	<p>It is important that all pneumatic pumps are used with an air management system: see part no. 39 902 20, page 41</p>	
pneuMATO 1 Oil Pump 1:1, 25 L/min		<b>34 000 19</b>
pneuMATO 3 Oil Pump 1:3, 18 L/min		<b>34 000 33</b>
pneuMATO 5 Oil Pump 1:5, 17 L/min		<b>34 000 57</b>
<b>Pneumatic Double Diaphragm Pump DP-60</b>		
Designed for Waste Oil, Lubricating Oil, Anti-Freeze, Water, Diesel and Heating Oil, 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:	Hytrell	
Pneumatic Double Diaphragm Pump DP-60		<b>34 071 24</b>
<b>Pneumatic Double Diaphragm Pump DP-60-T</b>		
For Mounting on 200 L Drum		
Technical Data as described above, but with Steel Suction Tube and 2" Adaptor for 200L Drum		
Pneumatic Double Diaphragm Pump DP-60-T		<b>34 071 62</b>
<b>Pneumatic Double Diaphragm Pump DP-160</b>		
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		<b>34 072 54</b>
<b>Pneumatic Double Diaphragm Pump DP-50 PP</b>		
Designed for Anti-Freeze, Water, Windscreen cleaner and various chemicals. Suitable for Fluids with a particle size of maximum 2.0 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		<b>34 071 17</b>



*New*

Description	Specifications can be subject to change without notice	Part No.	
<b>Oil Dispenser 24l pneumatic, Mobile</b>			
Oil Dispenser 24l pneumatic, mobile including pressure relief valve, 2.0m delivery hose and gun			
Fluids: for diesel, engine, gearbox and hydraulic oils up to SAE 90			<i>New</i>
Maximum inlet pressure: 3 bar Flow rate: approx. 2l/min			
Oil Dispenser 24l pneumatic, mobile			34 001 25
<b>pneuMATO-Pneumatic Oil Pumps Drum Fitting for 50/60 and 200 Litre Oil Drums</b>			
Pneumatic Oil Pump with telescopic suction tube and suction filter, adjustable between 520-800 mm, for variable use to 50/60L or 200L oil barrels, 2.0 m pressure hose DN12 (1/2") with swivel nut for easy and simple installation			
<b>either with</b>			
- Oil control gun with engine oil nozzle - DIGIMET E35 Hose End Meter with engine oil nozzle			
<b>for 50 Litre drums Pump Bracket 34 702 34 is additionally required</b>			
pneuMATO 1 - with oil control gun and engine oil nozzle			34 001 01
pneuMATO 3 - with oil control gun and engine oil nozzle			34 001 70
pneuMATO 3 - with Digimet E35 and engine oil nozzle			34 002 48
<b>pneuMATO Oil Pump System, Mobile</b>			
<b>for 50/60 Litre Oil Drums</b>			
as described above, but with robust, zinc plated trolley complete with barrel fixing bracket			
pneuMATO 1 - mobile with oil control gun and engine oil nozzle			34 003 30
pneuMATO 3 - mobile with oil control gun and engine oil nozzle			34 003 78
pneuMATO 3 - mobile with Digimet E35 and engine oil nozzle			34 004 60
<b>pneuMATO 3 - Pneumatic Oil Pump</b>			
<b>Wall Mounted for 200 Litre Oil Drums</b>			
Oil Pump pneuMATO 1:3 with Wall bracket			
Suction tube with foot valve and suction hose DN 20 (3/4") 2.0 metre,			
<b>for approved unit with air eliminator valve</b>			
Connecting hose 1 m DN12 (1/2") for hose reel			
Hose reel with 10m delivery hose DN12 (1/2")			
<b>either with</b>			
- 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			
pneuMATO 3 - Wall Mounted with Oil control gun			34 007 12
pneuMATO 3 - Wall Mounted with DIGIMET E35			34 007 50
pneuMATO 3 - Wall Mounted with DIGIMET E30 Preset			34 007 81
pneuMATO 3 - Wall Mounted with electronic Meter, approved			34 007 98



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



## Pneumatic Oil Pumps

Description	Specifications can be subject to change without notice	Part No.	
<b>pneuMATO 3 - Oil Pump Systems, Mobile</b>			
<b>for 200L Drum with 4 m delivery hose</b>			
Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Steel suction tube for 200 Litre Drum with foot valve, <b>for approved unit with air eliminator valve,</b> 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			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
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	
<b>pneuMATO 3 - Oil Pump Systems, Mobile</b>			
<b>for 200L Drum with 10 m Hose Reel, DN12</b>			
Oil Pump pneuMATO 1:3 with pressure ratio 1:3, Steel suction tube for 200 Litre Drum with foot valve, <b>for approved unit with air eliminator valve,</b> 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")			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
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	

Description	Specifications can be subject to change without notice	Part No.
<b>pneuMATO-Pneumatic Oil Pump Systems</b>		
<b>for 1000L Tank with 4 m delivery hose</b>		
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3,            Steel suction tube for 1000 Litre Tank with foot valve,  <b>for approved unit with air eliminator valve,</b>            4 m delivery hose DN12 (1/2") with swivel nut            for easy and simple installation</p>		
<b>either with</b>		
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>		
<p>The system is also available with a 700 Litre Tank.            Price upon request</p>		
<b>(Supplied without Tank)</b>		
Lube-Station P-1000-4 with oil control gun		<b>34 025 87</b>
Lube-Station P-1000-4 with DIGIMET E35		<b>34 024 40</b>
Lube-Station P-1000-4 with DIGIMET E30 Preset		<b>34 026 31</b>
Lube-Station P-1000-4-E, with electronic Meter, approved		<b>34 033 00</b>
<b>pneuMATO-Pneumatic Oil Pump Systems</b>		
<b>for 1000L Tank with 8 m delivery hose</b>		
<p>Oil Pump pneMATO 1:3 with pressure ratio 1:3,            Steel suction tube for 1000 Litre Tank with foot valve,  <b>for approved unit with air eliminator valve,</b>            8 m delivery hose DN12 (1/2") with swivel nut            for easy and simple installation</p>		
<b>either with</b>		
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>		
<p>The system is also available with a 700 Litre Tank.            Price upon request</p>		
<b>(Supplied without Tank)</b>		
Lube-Station P-1000-8 with oil control gun		<b>34 026 00</b>
Lube-Station P-1000-8 with DIGIMET E35		<b>34 024 57</b>
Lube-Station P-1000-8 with DIGIMET E30 Preset		<b>34 026 17</b>
Lube-Station P-1000-8-E, with electronic Meter, approved		<b>34 033 17</b>



## Pneumatic Oil Pumps

Description	Specifications can be subject to change without notice	Part No.	
<b>Compact Air Operated Oil Systems</b>			
<b>with 1000L Tank with 4 m delivery hose</b>			
Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Litre Tank with foot valve, <b>for approved unit with air eliminator valve</b> , 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			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
The system is also available with a 700L Tank. Price upon request			
Lube-Tank P-1000T-4 with oil control gun		<b>34 026 55</b>	
Lube-Tank P-1000T-4 with DIGIMET E35		<b>34 025 70</b>	
Lube-Tank P-1000T-4 with DIGIMET E30 Preset		<b>34 026 62</b>	
Lube-Tank P-1000T-4-E, with electronic Meter, approved		<b>34 034 30</b>	
<b>Compact Air Operated Oil Systems</b>			
<b>with 1000L Tank with 8 m delivery hose</b>			
Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Litre Tank with foot valve, <b>for approved unit with air eliminator valve</b> , double skinned 1000l 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			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
The system is also available with a 700L Tank. Price upon request			
Lube-Tank P-1000T-8 with oil control gun		<b>34 026 79</b>	
Lube-Tank P-1000T-8 with DIGIMET E35		<b>34 025 94</b>	
Lube-Tank P-1000T-8 with DIGIMET E30 Preset		<b>34 026 86</b>	
Lube-Tank P-1000T-8-E, with electronic Meter, approved		<b>34 034 78</b>	
<b>Compact Air Operated Oil Systems</b>			
<b>with 1000L Tank with 10m Hose Reel, DN 12</b>			
Oil Pump pneMATO 1:3 with pressure ratio 1:3, Steel suction tube for 1000 Litre Tank with foot valve, <b>for approved unit with air eliminator valve</b> , double skinned 1000l 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")			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- DIGIMET E30 Preset Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
The system is also available with a 700L Tank. Price upon request			
Lube-Tank P-1000T-R with oil control gun		<b>34 026 93</b>	
Lube-Tank P-1000T-R with DIGIMET E35		<b>34 027 30</b>	
Lube-Tank P-1000T-R with DIGIMET E30 Preset		<b>34 027 09</b>	
Lube-Tank P-1000T-R-E, with electronic Meter, approved		<b>34 035 60</b>	

Description	Specifications can be subject to change without notice	Part No.
<b>pneuMATO-Pneumatic Oil Pump Systems</b>		
<b>for 1000L IBC-Container with 4 m delivery hose</b>		
<p>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 Litre IBC-Container with foot valve,  <b>for approved unit with air eliminator valve,</b>            drip tray with holder,            4 m delivery hose DN12 (1/2") with swivel nut</p>		
<p><b>either with</b></p> <ul style="list-style-type: none"> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>		
<b>(Supplied without IBC-Container)</b>		
		
Lube-Station IBC-1000-4 with DIGIMET E35		34 010 09
Lube-Station IBC-1000-4-E, with electronic Meter, approved		34 010 23
<b>pneuMATO-Pneumatic Oil Pump Systems</b>		
<b>for 1000L IBC-Container with 10 m Hose Reel, DN12</b>		
<p>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 Litre IBC-Container with foot valve,  <b>for approved unit with air eliminator valve,</b>            drip tray with holder,            Hose Reel, open with 10 m delivery hose DN12 (1/2")</p>		
<p><b>either with</b></p> <ul style="list-style-type: none"> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>		
<b>(Supplied without IBC-Container)</b>		
		
		
Lube-Station IBC-1000-R with DIGIMET E35		34 011 08
Lube-Station IBC-1000-R-E, with electronic Meter, approved		34 011 22

## Pneumatic Pumps Units for Anti-Freeze

Description	Specifications can be subject to change without notice	Part No.	
<b>pneuMATO 1-AF Pump Systems Unit</b>			
<b>for Anti-Freeze with 4 m delivery hose</b>			
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 Litre Drum		34 040 24	
pneuMATO 1-AF for 1000 Litre Tank		34 040 48	
<b>pneuMATO 1-AF Pump Systems, Mobile</b>			
<b>for Anti-Freeze for 200 Litre Drum</b>			
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 <b>or</b> Hose Reel, open with 10m 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	
<b>pneuMATO 1-AF Compact Air Operated System</b>			
<b>for Anti-Freeze with 1000l Tank</b>			
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 <b>or</b> Hose Reel, open with 10m delivery hose DN 12 (1/2"), <b>1000 Litre oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder,</b> Hose Reel, open with 10 m delivery hose DN12 (1/2") 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	
<b>pneuMATO 1-AF Pump Systems Unit</b>			
<b>for Anti-Freeze for 1000 Litre IBC-Container</b>			
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 Litre IBC-Container with foot valve, 4 m delivery hose DN 12 (1/2") with swivel nut <b>or</b> Hose Reel, open with 10 m delivery hose DN12 (1/2"), drip tray with holder, Hose End Meter DIGIMET E35-AF			
<b>(Supplied without IBC-Container)</b>			
Lube-Station AF-IBC-1000-4 with 4 m delivery hose DN12		34 042 15	
Lube-Station AF-IBC-1000-R with 10m Hose Reel DN12		34 042 46	

Description	Specifications can be subject to change without notice	Part No.	
<b>Steel Suction Tube for Air Operated Oil Pumps</b>			
Thread 3/4" BSP			
Suction tube for 50/60 Litre Drum		35 618 26	
Suction tube for 200 Litre Drum		35 619 25	
Suction tube for 700 Litre Schütz-Tank		35 619 87	
Suction tube for 1000 Litre Schütz-Tank		35 619 49	
Suction tube for 1000 Litre IBC-Container		35 619 63	
<b>Plastic Suction Tube for Air Operated Oil Pumps</b>			
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	
<b>Steel Suction Tube 3/4" BSP</b>			
<b>with air eliminator valve</b>			
for pump installations with PTB / B.O.T. approval			
Suction tube with air eliminator valve for 50/60 Litre Drum		35 619 01	
Suction tube with air eliminator valve for 200 Litre Drum		35 619 18	
Suction tube with air eliminator valve for 700 Litre Schütz-Tank		35 619 70	
Suction tube with air eliminator valve for 1000 Litre Schütz-Tank		35 621 06	
Suction tube with air eliminator valve for 1000 Litre IBC-Container		35 620 90	
<b>2" BSP Right Angle Drum Fitting with Elbow 90°</b>			
1" Male - 3/4" Female			
Right angled drum fitting 2" BSP with elbow 90°		34 704 18	
<b>Steel Suction Tube+2 m.Suct.Hose DN 20 (3/4")</b>			
for wall fitting with 200 Litre drums			
Suction tube with foot valve, 2" BSP Drum Adaptor, 90° Elbow and Suction hose DN 20(3/4"), 2 metres long			
Suction tube and suction hose with foot valve		34 704 56	
<b>Connecting Hose DN20 (3/4") 2.0 m</b>			
with 1" swivel nuts, i.e. connecting pump to suction tube			
Connecting Hose DN20 (3/4") 2.0 m		34 712 00	
<b>Delivery Hose DN12 (1/2")</b>			
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	
<b>Pump Bracket</b>			
Wall bracket with R2" female for 50/60 Litre oil drums and wall fixing			
Wall bracket for wall fixing		34 702 72	
Pump bracket for 50/60 Litre oil drums 350 - 390 mm		34 702 34	

Description	Specifications can be subject to change without notice	Part No.	
<b>Air Management System</b>			
For installation in the air supply to pneumatic pumps, with pressure regulator, pressure gauge, water filter and lubricator			
<b>It is important that all pneumatic pumps are used with an air management system to ascertain the supply of clean, dry and oiled air. Please consult the operation manuals of the pneumatic pumps to see warranty statements.</b>			
Air Management System		39 902 20	
<b>Trolley for 25-60 Litre Oil Containers</b>			
robust, zinc plated trolley complete with barrel fixing bracket			
Trolley for 25-60 Litre Oil Containers		34 700 74	
<b>Trolley for 200L Oil Drums or 200kg Grease Kegs</b>			
black painted, robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve			
Trolley for 200 Litre Oil Drums or 200kg Grease Kegs		34 701 80	
<b>Screw Cap for IBC-Container</b>			
Screw Cap for IBC-Container complete with 2" TriSure-Adaptor (male) to 2" BSP (female)			
Screw Cap for IBC-Container		34 705 24	
<b>2" TriSure-Adaptor (male) to 2" BSP (female)</b>			
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	
<b>Suction Hose DN 20 for</b>			
<b>Double Diaphragm Pump DP-60</b>			
1.5m Suction Hose DN 20, single sided DKR 3/4" with 2" Drum Adaptor with Suction Filter and Foot Valve			
Suction Hose DN20		34 712 62	
<b>Delivery Hose DN 20 for</b>			
<b>Double Diaphragm Pump DP-60</b>			
Delivery Hose DN 20, double sided DKR 3/4"			
Delivery Hose DN20 4.0 m for DP-60		34 713 54	
Delivery Hose DN20 8.0 m for DP-60		34 713 92	
<b>Double Ended Connector</b>			
Designed for DP-60			
Double Ended Connector 3/4"-3/4" AG		39 913 40	
<b>Ball Valve Nozzle Assembly for</b>			
<b>Double Diaphragm Pump DP-60</b>			
Thread 3/4 "			
Ball Valve Nozzle Assembly for DP-60		34 620 48	



Description	Specifications can be subject to change without notice	Part No.
<p><b>Electric Gear Pump EP 100</b></p> <p><b>11 L/min 8 bar</b></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,</p> <p><b>low pressure performance at a low flow rate</b></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><b>34 339 32</b></p>
<p><b>Electric Gear Pump EP 200</b></p> <p><b>11 L/min 16 bar</b></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</p> <p><b>high pressure performance at a low flow rate</b></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><b>34 339 63</b></p>
<p><b>Electric Gear Pump EP 200-DS</b></p> <p><b>11 L/min 16 bar with Pressure Switch</b></p> <p>Pump without accessories, details as for EP 200, but <b>with Pressure Switch</b> 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><b>34 339 87</b></p>

Description	Specifications can be subject to change without notice	Part No.
<p><b>Electric Gear Pump EP 300</b></p> <p><b>22 L/min 8 bar</b></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,</p> <p><b>low pressure performance at a high flow rate</b></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. 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><b>Electric Gear Pump EP 300-DS</b></p> <p><b>22 L/min 8 bar with Pressure Switch</b></p> <p>Pump without accessories, details as for EP 300, but <b>with Pressure Switch</b> 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><b>Electric Gear Pump EP 400</b></p> <p><b>22 l/min 16 bar</b></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,</p> <p><b>high pressure performance at a high flow rate</b></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> <p>Electric Gear Pump EP 400</p>		
<p><b>Electric Gear Pump EP 400-DS</b></p> <p><b>22 L/min 16 bar with Pressure Switch</b></p> <p>Pump without accessories, details as for EP 400, but <b>with Pressure Switch</b> 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	Specifications can be subject to change without notice	Part No.
<b>Electric Gear Pump System EP200-electronic</b>		
<p><b>11 l/min 16 bar</b></p> <p>Pump system with Electronic Control System Pressure Impulse Control</p> <p><b>Patented pump system</b> 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. <b>Additional leakage protection through individually adjustable running time of the pump.</b></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><b>High pressure performance at a low flow rate.</b></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>		<div data-bbox="1102 264 1390 353" style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Patented Pump System</b> </div> <div data-bbox="1023 524 1493 920" style="text-align: center;">  </div> <div data-bbox="1118 1149 1406 1238" style="border: 1px solid black; padding: 5px; text-align: center;"> <b>New with leak protection</b> </div>
<b>Electric Gear Pump System EP200-electronic</b>		<b>34 368 03</b>
<b>Electric Gear Pump System EP400-electronic</b>		
<p><b>22 l/min 16 bar</b></p> <p>Pump system with Electronic Control System Pressure Impulse Control</p> <p><b>Patented pump system</b> 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. <b>Additional leakage protection through individually adjustable running time of the pump.</b></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><b>High pressure performance at a low flow rate.</b></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="1018 1451 1489 1848" style="text-align: center;">  </div>
<b>Electric Gear Pump System EP400-electronic</b>		<b>34 368 10</b>

Description	Specifications can be subject to change without notice	Part No.
<p><b>Electric Gear Pump System EP100</b>  <b>for 200 Litre Drum with 4 m delivery hose DN 12</b>            Oil Pump EP 100, Steel suction tube for 200 Litre Drum with 2" Drum Adaptor and foot valve,            4 m delivery hose DN12 (1/2") with swivel nut</p> <p><b>either with</b></p> <ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> </ul> <p>Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)            Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p> <p>EP100 Lube-Station E-200-4 with Oil control gun</p> <p>EP100 Lube-Station E-200-4 with DIGIMET E35</p>		
<p><b>Electric Gear Pump System EP100</b>  <b>for 1000 Litre Tank with 4 m delivery hose DN 12</b>            as described above,            but with steel suction tube for 1000 Litre Tank</p> <p><b>(Supplied without Tank)</b></p> <p>The system is also available with a 700L Tank. Price on application</p> <p>EP100 Lube-Station E-1000-4 with Oil control gun</p> <p>EP100 Lube-Station E-1000-4 with DIGIMET E35</p>		
<p><b>Electric Gear Pump System EP300</b>  <b>for 200 Litre Drum with 4 m delivery hose DN 20</b>            Oil Pump EP 300, Steel suction tube for 200 Litre Drum with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>            4 m delivery hose DN20 (3/4") with swivel nut</p> <p><b>either with</b></p> <ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul> <p>Output: approx. <b>22 L/min.</b> (SAE30 at free delivery)            Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p> <p>EP300 Lube-Station E-200-4 with Oil control gun</p> <p>EP300 Lube-Station E-200-4 with DIGIMET E35</p> <p>EP300 Lube-Station E-200-4-E, with electronic Meter, approved</p>		
<p><b>Electric Gear Pump System EP300</b>  <b>for 1000 Litre Tank with 4 m delivery hose DN 20</b>            as described above,            but with steel suction tube for 1000 Litre Tank</p> <p><b>(Supplied without Tank)</b></p> <p>The system is also available with a 700L Tank. Price on application</p> <p>EP300 Lube-Station E-1000-4 with Oil control gun</p> <p>EP300 Lube-Station E-1000-4 with DIGIMET E35</p> <p>EP300 Lube-Station E-1000-4-E, with electronic Meter, approved</p>		

Description	Specifications can be subject to change without notice	Part No.	
<b>Electric Gear Pump System EP300-DS</b>			
<b>for 200 Litre Drum with Pressure Switch</b>			
Oil Pump EP 300-DS, Steel suction tube for 200 Litre Drum with 2" Drum Adaptor and foot valve, <b>for approved unit with air eliminator valve</b> , 4 m delivery hose DN20 (3/4") with swivel nut			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
Output: approx. <b>22 L/min.</b> (SAE30 at free delivery)			
Max. Pressure: approx. <b>8 bar</b> , Suction head to 2.5 m			
EP300-DS Lube-Station E-200-4 with Oil control gun		<b>34 342 36</b>	
EP300-DS Lube-Station E-200-4 with DIGIMET E35		<b>34 341 99</b>	
EP300-DS Lube-Station E-200-4-E, with electronic Meter, approved		<b>34 353 70</b>	
<b>Electric Gear Pump System EP300-DS</b>			
<b>for 1000 Litre Tank with Pressure Switch</b>			
as described above, but with steel suction tube for 1000 Litre Tank <b>for approved unit with air eliminator valve</b>			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
<b>(Supplied without Tank)</b>			
The system is also available with a 700L Tank. Price on application			
EP300-DS Lube-Station E-1000-4 with Oil control gun		<b>34 342 50</b>	
EP300-DS Lube-Station E-1000-4 with DIGIMET E35		<b>34 342 12</b>	
EP300-DS Lube-Station E-1000-4-E, with electronic Meter, approved		<b>34 359 50</b>	

Description	Specifications can be subject to change without notice	Part No.
<p><b>Electric Gear Pump System EP100-F, Mobile</b>  <b>for 200 Litre Drum with 4 m delivery hose DN 12</b>            Oil Pump EP 100, Steel suction tube for 200 Litre 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><b>either with</b></p> <ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> </ul> <p>Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)            Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p> <p>EP100-F, mobile E-200-4 with Oil control gun <b>34 338 19</b>            EP100-F, mobile E-200-4 with DIGIMET E35 <b>34 338 33</b></p>		
<p><b>Electric Gear Pump System EP200-F, Mobile</b>  <b>for 200 Litre Drum with 10 m Hose Reel, DN 12</b>            Oil Pump EP 200, Steel suction tube for 200 Litre Drum with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>            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><b>either with</b></p> <ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul> <p>Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)            Max. Pressure: approx. <b>16 bar</b>, Suction head to 2.5 m</p> <p>EP200-F, mobile E-200-R with Oil control gun <b>34 338 57</b>            EP200-F, mobile E-200-R with DIGIMET E35 <b>34 338 71</b>            EP200-F, mobile E-200-R-E, with electronic Meter, approved <b>34 338 95</b></p>		
<p><b>Electric Gear Pump System EP300-F, Mobile</b>  <b>for 200 Litre Drum with 4 m delivery hose DN 20</b>            Oil Pump EP 300, Steel suction tube for 200 L Drum with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>            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><b>either with</b></p> <ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul> <p>Output: approx. <b>22 L/min.</b> (SAE30 at free delivery)            Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p> <p>EP300-F, mobile E-200-4 with Oil control gun <b>34 343 59</b>            EP300-F, mobile E-200-4 with DIGIMET E35 <b>34 343 80</b>            EP300-F, mobile E-200-4-E, with electronic Meter, approved <b>34 366 50</b></p>		

Description	Specifications can be subject to change without notice	Part No.	
<b>Electric Gear Pump System EP100</b>			
<b>with 1000 Litre Tank with 4 m delivery hose DN12</b>			
<p>Oil Pump EP 100, Steel suction tube for 1000 Litre Tank with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>                      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</p>			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
<p>Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)                      Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p>			
EP100 Lube-Tank E-1000-4 with Oil control gun		<b>34 345 26</b>	
EP100 Lube-Tank E-1000-4 with DIGIMET E35		<b>34 345 33</b>	
EP100 Lube-Tank E-1000-4-E, with electronic Meter, approved		<b>34 360 63</b>	
<b>Electric Gear Pump System EP300</b>			
<b>with 1000 Litre Tank with 4 m delivery hose DN20</b>			
<p>Oil Pump EP 300, Steel suction tube for 1000 Litre Tank with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>                      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</p>			
<b>either with</b>			
<ul style="list-style-type: none"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>			
<p>Output: approx. <b>22 L/min.</b> (SAE30 at free delivery)                      Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p>			
EP300 Lube-Tank E-1000-4 with Oil control gun		<b>34 345 57</b>	
EP300 Lube-Tank E-1000-4 with DIGIMET E35		<b>34 345 40</b>	
EP300 Lube-Tank E-1000-4-E, with electronic Meter, approved		<b>34 360 70</b>	

Description	Specifications can be subject to change without notice	Part No.
<b>Compact Electric Oil Pump System EP200</b>		
<b>with 1000 Litre Tank and 10 m Hose Reel, DN12</b>		
<p>Oil Pump EP 200, Steel suction tube for 1000 Litre Tank with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>                      Hose Reel, open with 10 m delivery hose DN12 (1/2")                      1000 Litre oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, pump bracket</p>		
<b>either with</b>		
<ul style="list-style-type: none"> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>		
Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)		
Max. Pressure: approx. <b>16 bar</b> , Suction head to 2.5 m		
EP200 Lube-Tank E-1000-R with DIGIMET E35		<b>34 348 16</b>
EP200 Lube-Tank E-1000-R-E, with electronic Meter, approved		<b>34 362 85</b>
<b>Compact Electric Oil Pump System EP200-DS</b>		
<b>with 1000L Tank, Pressure Switch and Hose Reel</b>		
as described above,		
<b>but with Pressure Switch</b>		
Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)		
Max. Pressure: approx. <b>16 bar</b> , Suction head to 2.5 m		
EP200-DS Lube-Tank E-1000-R with DIGIMET E35		<b>34 348 23</b>
EP200-DS Lube-Tank E-1000-R-E, with electronic Meter, approved		<b>34 364 76</b>
<b>Compact Electric Oil Pump System EP400</b>		
<b>with 1000 Litre Tank and 8 m Hose Reel, DN16</b>		
<p>Oil Pump EP 400, Steel suction tube for 1000 Litre Tank with 2" Drum Adaptor and foot valve,  <b>for approved unit with air eliminator valve,</b>                      Hose Reel, open with 8 m delivery hose DN16 (3/4")                      1000 Litre oil and waste oil tank, transportable with Pallet Style Base, including level indicator, drip tray with holder, pump bracket</p>		
<b>either with</b>		
<ul style="list-style-type: none"> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul>		
Output: approx. <b>22 l/min.</b> (SAE30 at free delivery)		
Max. Pressure: approx. <b>16 bar</b> , Suction head to 2.5 m		
EP400 Lube-Tank E-1000-R with DIGIMET E35		<b>34 348 30</b>
EP400 Lube-Tank E-1000-R-E, with electronic Meter, approved		<b>34 363 60</b>
<b>Compact Electric Oil Pump System EP400-DS</b>		
<b>with 1000l Tank, Pressure Switch and Hose Reel</b>		
as described above,		
<b>but with Pressure Switch</b>		
Output: approx. <b>22 L/min.</b> (SAE30 at free delivery)		
Max. Pressure: approx. <b>16 bar</b> , Suction head to 2.5 m		
EP400-DS Lube-Tank E-1000-R with DIGIMET E35		<b>34 349 60</b>
EP400-DS Lube-Tank E-1000-R-E, with electronic Meter, approved		<b>34 364 90</b>



Description	Part No.	
<p><b>Electric Oil Pump System EP100-IBC</b>  <b>for 1000 Litre IBC-Container with 4 m delivery hose</b>                      Electric Oil Pump EP 100,                      Pump bracket with 2" TriSure-Adaptor (male) to 2" BSP (female)                      Steel suction tube for 1000 Litre IBC-Container with foot valve,  <b>for approved unit with air eliminator valve,</b>                      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"> <li>- Oil control gun with engine oil nozzle</li> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul> <p><b>(Supplied without IBC-Container)</b></p> <p>Output: approx. <b>11 L/min.</b> (SAE30 at free delivery)                      Max. Pressure: approx. <b>8 bar</b>, Suction head to 2.5 m</p>		
<p>EP100-IBC Lube-Station E-1000-4 with Oil control gun</p>	<p><b>34 037 20</b></p>	
<p>EP100-IBC Lube-Station E-1000-4 with DIGIMET E35</p>	<p><b>34 037 51</b></p>	
<p>EP100-IBC Lube-Station E-1000-4-E, with electronic Meter, approved</p>	<p><b>34 037 82</b></p>	
<p><b>Electric Oil Pump System EP400-IBC</b>  <b>for 1000L IBC-Container with 8 m Hose Reel, DN16</b>                      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,  <b>for approved unit with air eliminator valve,</b>                      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"> <li>- DIGIMET E35 Hose End Meter with engine oil nozzle</li> <li>- Electronic Hose End Meter, approved version</li> </ul> <p><b>(Supplied without IBC-Container)</b></p> <p>Output: approx. <b>22 L/min.</b> (SAE30 at free delivery)                      Max. Pressure: approx. <b>16 bar</b>, Suction head to 2.5 m</p>		  
<p>EP400-IBC Lube-Station E-1000-R with DIGIMET E35</p>	<p><b>34 038 05</b></p>	
<p>EP400-IBC Lube-Station E-1000-R-E, with electronic Meter, approved</p>	<p><b>34 039 04</b></p>	

Description	Specifications can be subject to change without notice	Part No.	
<b>Steel Suction Tube for Electric Pumps</b>			
<b>with 2" drum adaptor</b>			
Steel Suction Tube with 2" Drum Adaptor Thread 1"			
Steel Suction Tube for 50/60 Litre Drum		35 620 21	
Steel Suction Tube for 200 Litre Drum		35 620 38	
Steel Suction Tube for 700 Litre Tank		35 620 52	
Steel Suction Tube for 1000 Litre Tank and IBC-Container		35 620 76	
<b>Steel Suction Tube for approved Electric Pumps</b>			  
<b>with Air Eliminator Valve</b>			
Suction Tubes for approved Electric Pump Systems with 2" Drum Adaptor			
Suction tube with air eliminator valve for 50/60 Litre Drum		35 618 95	
Suction tube with air eliminator valve for 200 Litre Drum		35 619 94	
Suction tube with air eliminator valve for 700 Litre Schütz-Tank		35 619 56	
Suction tube with air elimin. valve for 1000L Tank and IBC-Container		35 619 32	
<b>Suction Hose DN 25</b>			
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	
<b>Delivery Hose DN 20</b>			
with both ends 3/4" swivel nuts			
Delivery Hose DN20 3/4" Swivel Nuts 1.5m		34 713 16	
Delivery Hose DN20 3/4" Swivel Nuts 4.0m		34 713 54	
Delivery Hose DN20 3/4" Swivel Nuts 8.0m		34 713 92	
<b>Trolley for 200L Oil Drums or 200kg Grease Kegs</b>			
black painted, robust all steel construction, 2 wheels, 1 swivel castor and holster for control valve			
Trolley for 200 Litre Oil Drums or 200kg Grease Kegs		34 701 80	

Description	Specifications can be subject to change without notice	Part No.	
<b>Pumps Brackets for Electric Pumps</b>			
<b>and Hose Reels</b>			
for 700 und 1000 Litre Oil and Waste Oil Tanks			
Pump Bracket for Schütz-Tank	700/1000 Litre	34 703 26	
Pump Bracket for Roth - Tank	700/1000 Litre	34 703 33	
Pump Bracket for Nau + Dehoust - Tank	700/1000 Litre	34 703 40	
Pump Bracket for 1000 Litre IBC-Container		34 703 19	
<b>Wall Bracket for Electric Pumps</b>			
for safe mounting of electric pumps			
Wall Bracket for Electric Pumps		34 702 96	
<b>Carrying Handle for EP300, EP400 and AEP100</b>			
Carrying Handle for electric gear pumps			
Carrying Handle for EP300, EP400 and AEP100		35 590 14	
<b>Drip Tray with Holder</b>			
<b>for Oil Control Gun or Hose End Meter</b>			
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 Litre IBC-Container		34 708 07	
<b>Screw Cap for IBC-Container</b>			
Screw Cap for IBC-Container complete with 2" TriSure-Adaptor (male) to 2" BSP (female)			
Screw Cap for IBC-Container		34 705 24	
<b>2" TriSure-Adaptor (male) to 2" BSP (female)</b>			
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	



Description	Specifications can be subject to change without notice	Part No.
<b>Electric Vane Pump EP 60</b>		
Self Priming Vane Pump with Integral Bypass Pressure Regulator, 2m 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 2.5m, Electric Detail : 230V, 50 Hz, 1.6 KW, IP55 Connections: R 1" female		
Electric Vane Pump EP 60		34 310 20
<b>In Line Flow Meter Digimet M100</b>		
Volumetric measurement principle, Mechanical Meter, Calibratable, Flow Rates of between 10-100 Litres per minute, Maximum Operating Pressure 10 bar, Threads R1" Female, Accuracy +/- 1% after calibration, delivery counter 0-999L 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
<b>In Line Flow Meter Digimet E100</b>		
Electronic In Line Flow Meter with Oval Gears, Calibratable, Flow Rates of 10-100 l/min, maximum Operating Pressure 30 bar, Threads R1" Female, Accuracy +/- 0.5% after calibration, Delivery Counter 0.00 to 999,99L resettable, 8 Digit Totaliser. Aluminium Body, also suitable for Lubricating Oils.		
In Line Flow Meter Digimet E100		35 410 64
<b>Meter Mounting Kit for EP 60</b>		
Double Ended Connector with plastic seal G1"		
Meter Mounting Kit for EP 60		35 420 78
<b>Suction Hose DN25 with 2" Drum Adaptor</b>		
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
<b>Steel Suction Tube with 2" Drum Adaptor</b>		
Steel Suction Tube for 200 Litre Drum		35 620 38
Steel Suction Tube for 700 Litre Tank		35 620 52
Steel Suction Tube for 1000 Litre Tank		35 620 76
<b>Suction Hose DN25</b>		
Suction Hose with R1" Swivel Nuts at each end		
Suction Hose 500mm R1" Connections		34 712 24
<b>Delivery Hose DN25</b>		
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
<b>Automatic Pistol AZ for Vegetable Oil</b>		
for Flow Rates up to 80 L/min, with Swivel, R1" Male Thread designed for Vegetable Oil and Products to 500 cSt.		
Automatic Pistol AZ for Vegetable Oil, Flow Rate up to 60 L/min		34 393 92
Automatic Pistol AZ for Vegetable Oil, Flow Rate up to 80 L/min		34 394 22

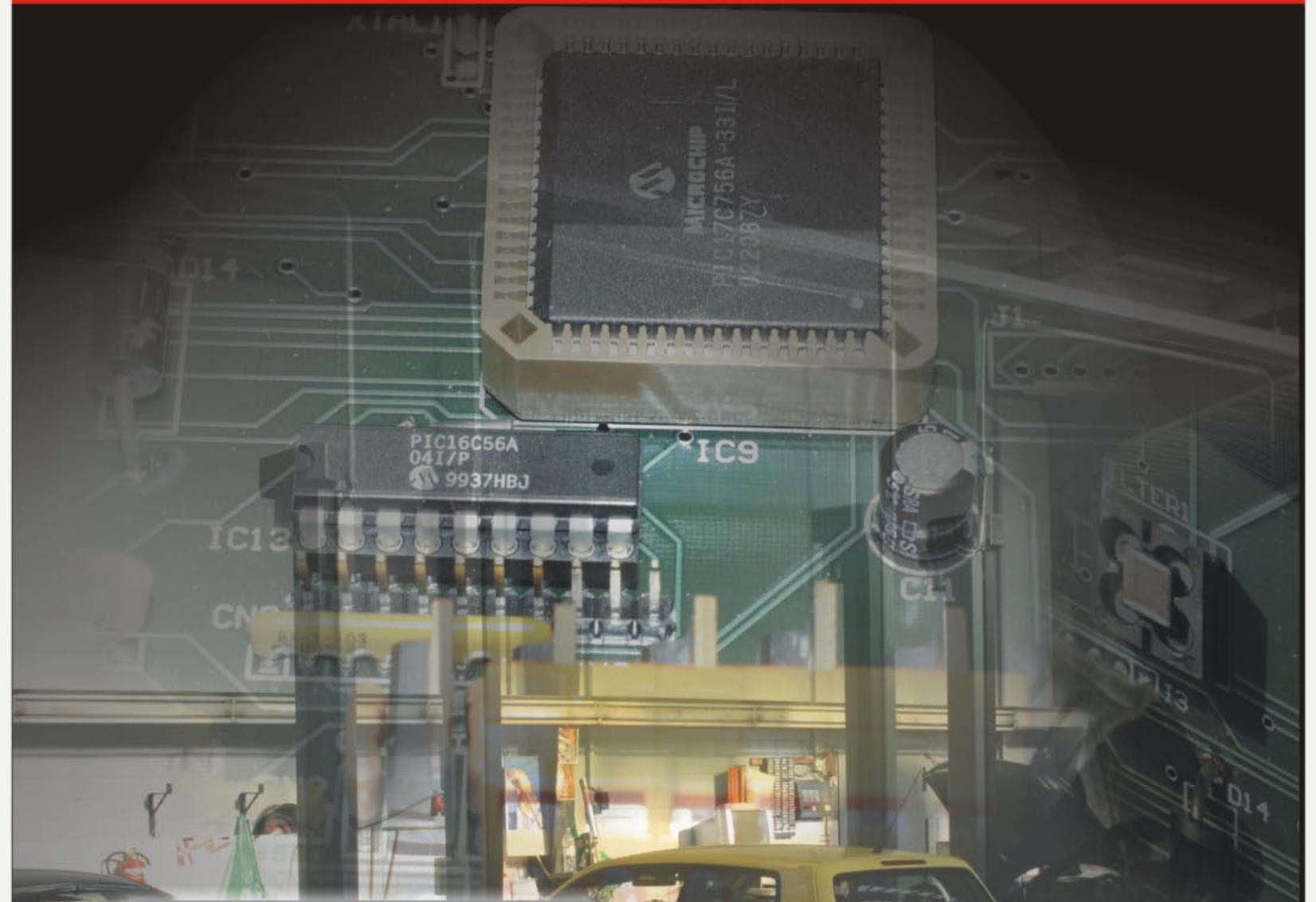


Description	Specifications can be subject to change without notice	Part No.	
<b>Oil Control Gun with Protector and Swivel</b>			
Swivel and 2 Double Ended Connectors 1/2"-1/2" (male) & 1/2"-3/4" (male) included max. working pressure 100 bar			
Oil Control Gun without Nozzle		35 400 36	
Control Gun with non-drip nozzle for engine oil		35 401 73	
Control Gun for gear oil without non-drip nozzle		35 402 27	
Control Gun for gear oil with non-drip nozzle		35 402 03	
Control Gun with hose and non-drip nozzle for engine oil		35 403 33	
<b>Electronic Line Meter DIGIMET E35</b>			
Resettable with LCD Display. For details and technical data see below			
DIGIMET E35 - Line Meter 1/2" inlets		35 410 02	
DIGIMET E35 - Line Meter 1/2" outlets		35 410 19	
DIGIMET E35 - Line Meter 3/4" outlets		35 410 33	
<b>DIGIMET E35 Hose End Meter</b>			
with LCD display, Swivel, with Nozzle and Control 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	Specifications can be subject to change without notice	Part No.	
<b>DIGIMET E30 for Preset Delivery</b>			
Preset delivery from 0.1 to 99.9 Litres The control 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	
<b>Electronic Hose End Meter, with Swivel</b>			
<b>for approved installations</b>			
Electronic Hose End Meter, 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, with calibration certificate			
Electronic Hose End Meter for approved installations, without Nozzle		35 414 77	
Electronic Hose End Meter for approved installations, with non-drip nozzle for engine oil		35 415 07	
Electronic Hose End Meter for approved installations, for gear oil with non-drip nozzle		35 415 14	
Electronic Hose End Meter for approved installations, with hose and non-drip nozzle for engine oil		35 415 21	

Description	Specifications can be subject to change without notice	Part No.
<b>DIGIMET E35-AF Hose End Meter</b>		
<b>for Anti-Freeze and water based fluids</b>		
with LCD display, Swivel, with Nozzle and Control 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		
<b>Suitable for Anti-Freeze, water based fluids, Brake fluids and other fluids on request</b>		
DIGIMET E35-AF Hose End Meter with hose and non-drip nozzle		35 412 31
<b>Electronic Line Meter DIGIMET E35-AF</b>		
Resettable with LCD Display, 5-digit, 1/2" inlets For technical data see DIGIMET E35-AF Hose End Meter		
Electronic Line Meter DIGIMET E35-AF		35 410 71
<b>DIGIMET E35-WS Hose End Meter</b>		
<b>for Windscreen cleaner and AdBlue</b>		
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		<i>New</i>
<b>Especially suitable for Windscreen cleaner and AdBlue</b>		
DIGIMET E35-WS Hose End Meter with non-drip nozzle		35 412 48
<b>Accessories for Oil control Gun and Hose Meter</b>		
Nozzle with non-drip nozzle for engine oil		35 402 58
Nozzle for gear oil without non-drip nozzle		35 402 72
Nozzle for gear oil with non-drip nozzle		35 402 65
Flexible Hose with non-drip nozzle for engine oil		35 402 96
Sight glass for approved Hose End Meter		35 412 93
Straight Swivel, 1/2" female / male		35 490 08
Double Ended Connector 1/2" - 1/2" male		39 912 03
Double Ended Connector 1/2" - 3/4" male		39 912 34
Rubber protector for Hose End Meter and Line Meter		35 412 62





Description	Part No.	Image
Specifications can be subject to change without notice		
<b>FLUICON - Programmable Keypad</b>		
<b>without Printer</b>		
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	<b>Please consult our Technical Department before Installation</b>	
FLUICON - Programmable Keypad, approved version		<b>35 800 87</b>
FLUICON - Programmable Keypad	<b>35 800 70</b>	
<b>FLUICON - Programmable Keypad with Integral Ticket Printer</b>		
<b>Ticket Printer</b>		
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	<b>35 801 17</b>	
FLUICON-Keypad with Integral Ticket Printer	<b>35 801 00</b>	
<b>FLUICON Fluid Management Software V 5.1</b>		
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	<b>35 803 60</b>	
<b>Power Supply 230V AC - 24V DC for FLUICON</b>		
Input 110 - 230V AC Output 24V DC		
Power Supply 230V AC - 24V DC for FLUICON	<b>35 802 30</b>	
<b>USB Converter RS232/485</b>		
<b>for connecting FLUICON Keypad to a PC</b>		
for long distance connections		
USB Converter RS232/485 for connecting FLUICON Keypad to PC	<b>35 804 38</b>	
<b>Solenoid Valve 24V DC for FLUICON System</b>		
<b>for lubricating oils, diesel and light fuel oil</b>		
Connecting threads: 1/2" female, Inlet/Outlet 90° Working pressure: max. 207 bar (3,000 psi), max.flow 35 L/min		
Solenoid Valve 24V DC for FLUICON System	<b>35 805 20</b>	
<b>Solenoid Valve AF-24V DC for FLUICON System</b>		
<b>for Anti-Freeze and hydrous fluids</b>		
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	<b>35 805 44</b>	
<b>Solenoid Valve HP-24V DC for FLUICON System</b>		
<b>for Grease</b>		
Connecting threads: R1/4" female, Inlet/Outlet 90° Working pressure: max. 400 bar		
Solenoid Valve HP-24V DC for FLUICON System	<b>35 805 75</b>	

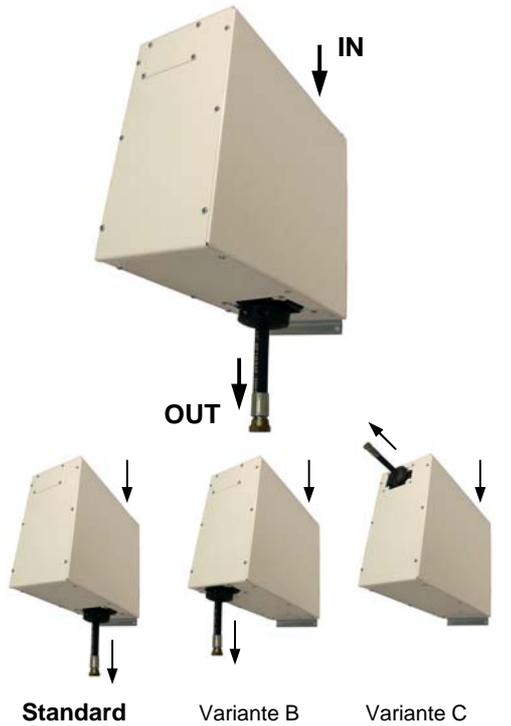
Description	Specifications can be subject to change without notice	Part No.	
<b>Pulse Meter for FLUICON System</b>			
<b>for lubricating oils, diesel and light fuel oil</b>			
Ausgang: 1 Kanal, 1x100 Impulse per Liter Gewindeanschlüsse: R1/2" Innengewinde Genauigkeit: +/- 0,5%, Pmax 80 bar, 0,5 - 40 l/min.			
<b>Suitable for Engine, Gearbox and Hydraulic Oils, as well as Diesel and Light Fuel Oil</b>			
Pulse Meter for FLUICON System		35 806 29	
<b>Pulse Meter for FLUICON System, approved</b>			
<b>without Display for lubricating oils</b>			
Output: 2x100 = 200 Pulses per Litre (2 channels) Connecting threads 1/2" female Accuracy +/- 0,3%, Pmax 70 bar (1015 psi), 0.5 - 35 l/min			
<b>Suitable for Engine, Gearbox and Hydraulic Oils</b>			
Pulse Meter for FLUICON System without display, approved		35 806 67	
<b>Pulse Meter for FLUICON System, approved</b>			
<b>with Display for lubricating oils</b>			
Output: 2x100 = 200 Pulses per Litre (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			
<b>Suitable for Engine, Gearbox and Hydraulic Oils</b>			
Pulse Meter for FLUICON System with display, approved		35 806 50	
<b>Pulse Meter AF for FLUICON-System</b>			
<b>for Anti-Freeze and hydrous fluids</b>			
Output: 100 Pulses per Litre (1 channel) Connecting threads 1/2" female Accuracy +/- 0,5%, Pmax 100 bar (1,450 psi), 1 - 35 l/min			
<b>Suitable for Anti-Freeze, hydrous fluids, brake fluids and other fluids on request</b>			
Pulse Meter AF for FLUICON-System		35 806 36	
<b>Pulse Meter DIGIMET E5-P</b>			
<b>for Grease</b>			
Output: 1400 Pulses per Litre (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	
<b>Remote-Display-Panel LED for FLUICON-System</b>			
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	



## Hose Reels, Open and Accessories

Description	Specifications can be subject to change without notice	Part No.	
<b>Hose Reel, Open</b>			
<b>with Swivel and Hose Stop, max 60 bar (870 psi)</b>			
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 <b>model DN 12 (1/2")</b> Hose: 1/2" swivel nuts, swivel 1/2" male			
Connecting threads on <b>model DN 16 (3/4")</b> Hose: 3/4" swivel nuts, swivel 3/4" male			
Hose Reel, open without hose for max.15m hose DN12 (1/2")		<b>35 204 10</b>	
Hose Reel, open without hose for max.12m hose DN16 (3/4")		<b>35 204 34</b>	
Hose Reel, open with 10m hose DN 12 (1/2")		<b>35 210 04</b>	
Hose Reel, open with 15m hose DN 12 (1/2")		<b>35 210 11</b>	
Hose Reel, open with 8 m hose DN 16 (3/4")		<b>35 210 35</b>	
Hose Reel, open with 12 m hose DN 16 (3/4")		<b>35 210 59</b>	
<b>Hose Reel for Grease, open with Swivel and Hose Stop, max. 500 bar (7,350 psi)</b>			
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		<b>35 307 30</b>	
Hose Reel for Grease, open with 10 m Hose DN 6 (1/4")		<b>35 310 03</b>	
Hose Reel for Grease, open with 15 m Hose DN 6 (1/4")		<b>35 315 15</b>	
<b>Swivels</b>			
Swivel 1/2" or 3/4" for Engine, Gearbox and Hydraulic Oils, as well as diesel, light fuel oil and Anti-Freeze, max. 60 bar (870 psi)			
Swivel for grease 1/4", max. 500 bar (7,350 psi)			
Swivel for Hose Reel DN 12 - 1/2" outlets		<b>35 219 98</b>	
Swivel for Hose Reel DN 16 - 3/4" outlets		<b>35 220 01</b>	
Swivel for Hose Reel for Grease, 1/4" inlet/outlet		<b>35 319 97</b>	
<b>Wall Bracket for open Hose Reels</b>			
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		<b>35 321 23</b>	

Description	Specifications can be subject to change without notice	Part No.	
<b>Hose Reel, Cased</b>			
<b>with Hose Stop, max 60 bar (870 psi)</b>			
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			
<b>Modification of three different types possible.</b>			
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	
<b>Hose Reel, Cased for Grease</b>			
<b>with Hose Stop, max 500 bar (7,350 psi)</b>			
for wall, ceiling and floor mounting suitable for use in higg 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	
<b>Wall Bracket for cased Hose Reels</b>			
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	
<b>Mounting Installation Kit for cased Hose Reels</b>			
mit diesem Montage-Set können die geschlossenen Schlauchaufroller einfach in Reihe an der Wand oder der Decke montiert werden.			
Montage-Set für 2 geschlossene Schlauchaufroller		35 324 20	
Montage-Set für 3 geschlossene Schlauchaufroller		35 324 37	



## Hose Reel for Compressed Air, Aluminum Hose Retainer

Description	Specifications can be subject to change without notice	Part No.	
<b>Hose Reel for Compressed Air, Cased</b>			
<p>Cased Hose Reel with Swivel Bracket for wall mounting                      Portable, can be detached from bracket                      With Carry Handle                      11 Metres Hose 8x12 with hose stop                      1.5 Metres Inlet Hose 1/4" Connecting thread: 1/4"                      Maximum working pressure: 20 bar (290 psi)</p>			
<p>Wall Bracket for Air Hose Reel</p>		35 322 60	
<p>Cased Hose Reel for compressed air</p>		34 024 02	
<b>Aluminum Hose Retainer</b>			
<p>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</p>			
<b>Dimensions:</b>			
<p>Aluminum Hose Holder small                      A: 186 mm B: 75 mm C: 85 mm D: 57 mm</p>			
<p>Aluminum Hose Holder medium                      A: 248 mm B: 96 mm C: 118 mm D: 97 mm</p>			
<p>Aluminum Hose Holder big                      A: 336 mm B: 124 mm C: 152 mm D: 132 mm</p>			
<p>Aluminum Hose Holder oversize                      A: 358 mm B: 124 mm C: 152 mm D: 132 mm</p>			
<p>Aluminum Hose Holder small</p>		35 198 10	
<p>Aluminum Hose Holder medium</p>		35 198 27	
<p>Aluminum Hose Holder big</p>		35 198 34	
<p>Aluminum Hose Holder oversize</p>		34 198 41	

Description	Specifications can be subject to change without notice	Part No.
<p><b>Waste Oil Drainer 75l</b>  <b>with Air Pressure Discharge</b>            Mobile waste oil drainer, Reservoir capacity 75l, 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><i>New</i></p>	
<p>Waste Oil Drainer 75l mobile with air pressure discharge</p>		<p>35 541 87</p>
<p><b>Waste Oil Drainer and Vacuum Extraction Unit</b>  <b>w/o Inspection Chamber, with Air Pr. Discharge</b>            Fully mobile waste oil drainer and vacuum extraction unit, with 2 fixed wheels and 2 swivel castors, Reservoir capacity 75l with air pressure gauge, Tool Tray,            2m suction hose with Snap-on Coupling system for the included suction probes.            2m 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><i>New</i></p>	
<p>Waste Oil Drainer and Vacuum Extraction w/o Inspection Chamber</p>		<p>35 543 47</p>
<p><b>Waste Oil Drainer and Vacuum Extraction Unit</b>  <b>with Inspection Chamber, with Air Pr. Discharge</b>            Fully mobile waste oil drainer and vacuum extraction unit, with 2 fixed wheels and 2 swivel castors, Reservoir capacity 75l with air pressure gauge, Inspection Chamber capacity 9l, Tool Tray,            2m suction hose with Snap-on Coupling system for the included suction probes.            2m 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><i>New</i></p>	
<p>Waste Oil Drainer and Vacuum Extraction with Inspection Chamber</p>		<p>35 543 78</p>

Description	Specifications can be subject to change without notice	Part No.	
<b>Waste Oil Drainer 75l, Mobile</b>			
<b>with parallel arms</b>			
<p>Fully mobile waste oil drainer and vacuum extraction unit with parallel arms, 2 fixed wheels and 2 swivel castors, Reservoir capacity 75l and sump capacity of 14l, incl. air pressure gauge, Tool Tray, 2m suction hose with Snap-on Coupling system for the included suction probes. 2m 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>			<i>New</i>
Waste Oil Drainer 75l, mobile, with parallel arms		35 544 46	
<b>Electric Gear Pump AEP 100 for Waste Oil</b>			
<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 metre Delivery hose, Elbow with 2" Drum Adaptor and Snap-on Coupling.</p>			
Electric Gear Pump System AEP 100		35 505 23	
Electric Gear Pump AEP100 with Suction Filter		35 505 09	
<b>Carrying Handle for AEP 100</b>			
Carrying Handle for AEP 100		35 590 14	
<b>Suction Probes and Adaptors for Waste Oil Drainer</b>			
Flexible Suction Probe, dia. = 5mm length = 730		35 548 04	
Flexible Suction Probe, dia. = 6mm length = 730		35 548 11	
Flexible Suction Probe, dia. = 7mm length = 1035		35 548 28	
Flexible Suction Probe, dia. = 8mm length = 730		35 548 35	
Rigid Suction Probe, dia. = 5mm length = 720		35 549 03	
Rigid Suction Probe, dia. = 6mm length = 720		35 549 10	
Suction Adaptor for VW		35 547 05	
Suction Adaptor for BMW		35 547 12	
Suction Adaptor for Citroen		35 547 29	

Description	Specifications can be subject to change without notice	Part No.
<b>Waste Oil Collecting Funnel, 370 / 600 mm</b>		
<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>	<i>New</i>	
<p>Waste-oil collection funnel, 370 / 600 mm</p>	<b>35 549 58</b>	
<b>Plastic Funnel with Flap Lid</b>		
<p>Plastic Funnel with stainless steel strainer and lockable flap lid Suitable for waste oil and chemical disposal Material: PP Diameter: 250mm</p> <p>Thread: R2" and 2" TriSure, male</p>		
<p>Funnel FSC-PP-250 (ø 250mm) with Flap Lid</p>	<b>33 517 00</b>	
<b>Liquid Extraction and Transfer Unit, Static</b>		
<p>The extraction and transfer unit with 6l 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 &lt;21° C (Gasoline, aviation fuel, etc.)</p> <p>Accessories: 1.5m 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>	<i>New</i>	
<p>Liquid extraction and discharge unit 6 l, static</p>	<b>35 554 12</b>	
<b>Liquid Extraction and Transfer Unit, Static</b>		
<p>The extraction and discharge unit with 18l 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 &lt;21° C (Gasoline, aviation fuel, etc.)</p> <p>Accessories: 1.5m 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>	<i>New</i>	
<p>Liquid extraction and discharge unit 18 l, mobile</p>	<b>35 554 43</b>	

Description	Specifications can be subject to change without notice	Part No.	
<b>Oil and Waste Oil Tank</b>			
<b>Double Skinned, Transportable with Pallet Style Base</b>			
<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 Litre) 1135 x 720 x 1640 mm (1,000 Litre)</p>			
New Oil and Waste Oil Tank, 700 Litre		35 507 14	
New Oil and Waste Oil Tank, 1000 Litre		35 510 18	
<b>Safety Drum Stand (German TÜV/GS approved)</b>			
<p>Drum stand with galvanised mesh, for maximum of two 200 Litre barrels, sump capacity 210 Litre Maximum loading: 500 kg Weight: 61 kg (approx).</p>			
Drum Stand for 2x 200 Litre oil drums, 1200 x 800 x 325mm		35 510 70	
<b>Overfill Level Alarm</b>			
<p>With integrated visual and acoustic alarms. Switch to acknowledge alarm system. Approved for lubricating and waste oils.</p>			
<p>Control unit with integral warning lamp, acoustic alarm, acknowledgement switch. Connections for external warning lamp and acoustic alarm. 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	
<b>Limit Controller</b>			
<b>as per TRbF 511 (6/82)</b>			
<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 metres</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	
<b>Tank Filler Point</b>			
<p>Tank filler point with screw cap 90° elbow, 2" connection.</p>			
Tank Filler Point		35 698 08	
<b>Tank Air Vent 2"</b>			
with 2" vent pipe and vent cover			
Tank Air Vent 2"		35 698 46	



Description	Specifications can be subject to change without notice	Part No.	
<b>Universal Electric Drum Pump AP 30L</b>			
<b>not self priming</b>			
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, 2,5m reinforced delivery hose, suction filter, filler nozzle and hose clips. <b>Not suitable for water or other fluids!</b>			
Suitable for: Light heating oil and diesel			
Technical Data: AP 30L/230: 230 V AC/50HZ, 0.20kW / 0.9A, approx. 30 Litre/min. AP 30L/12: 12 V DC, 0.11kW / 9.2A, approx. 25 Litre/min. AP 30L/24: 24 V DC, 0.125kW / 5.2A, approx. 25 Litre/min.			
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	
<b>Self Priming Pump 12 or 24 Volt</b>			
Self priming electric vane pump 3/4" (female) for 12 or 24V DC, IP 54, 1bar, with clips for battery terminals, suitable for diesel and light heating oil. Contact us for compatibility with other fluids.			
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)			
Pump EP12		34 304 05	
Pump EP24		34 304 29	
<b>Electric Pump Kit EP 12 / EP 24</b>			
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 1,5m Plastic suction hose 3/4" x 19			
Technical data: EP 12: 12 V DC, 120 W, 16A approx. 36 Litre/min. (free delivery) EP 24: 24 V DC, 120 W, 8A approx. 40 Litre/min. (free delivery)			
Electric Pump Kit EP 12 (12 V Electric pump)		34 304 12	
Electric Pump Kit EP 24 (24 V Electric pump)		34 304 36	
<b>Drum Adaptor Kit</b>			
for EP 12 / EP 24, 2" BSP Drum adaptor (for vertical mounting of pump)			
Drum Adaptor Kit for EP 12 EP 24		34 339 18	
<b>Universal DRILL - PUMP</b>			
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.			
Max. drive speed: 2,000 to 2,500 l/min. Max.output 60 Litre/min., Suction head: 2.0 m, Hose connection 1"			
<b>Axle Ø 8 mm</b>			
Universal DRILL - PUMP		34 305 80	

Description	Specifications can be subject to change without notice	Part No.
<b>Pump EP 55, Self Priming</b>		
<p>Self priming vane pump with integral by-pass pressure regulator, <b>anti syphon valve</b>, mains cable, nozzle holster, 2" BSP bung adaptor, Output 55 Litres/min free delivery, Max. pressure 2 bar</p> <p>230 V, 50 Hz, 4 A, IP 55, Motor 0.46 KW with thermal cut-out suitable for diesel, light fuel oil (with a flash point higher than 55°)</p>		
EP 55 Pump without accessories (threads 1" female)		34 315 01
EP 55 Pump with bung adaptor and nozzle holster		34 315 18
<b>Tank Kits EP 55-S</b>		
<p>Complete tank kit comprising: Pump EP 55 (as above), 1.5 m reinforced suction hose DN 20 (3/4") with suction filter and foot valve, delivery hose DN 20 (3/4")</p> <p><b>Suction and delivery hose with swivel nuts for easy and safe fitting</b> Nozzle with swivel</p>		
Tank Kit EP 55 - S with 4m delivery hose		34 319 45
Tank Kit EP 55 - S with 8m delivery hose		34 319 83
<b>Tank Kit EP 55-AZ</b>		
<p>Complete tank kit comprising: Pump EP 55 (as above), 1.5 m reinforced suction hose DN 20 (3/4") with suction filter and foot valve, delivery hose DN 20 (3/4")</p> <p><b>Suction and delivery hose with swivel nuts for easy and safe fitting</b> approved <b>automatic Shut Off Nozzle AZ</b> with swivel</p>		
<b>(Supplied without Tank)</b>		
Tank Kit EP 55-AZ with 4m delivery hose		34 320 41
Tank Kit EP 55-AZ with 8m delivery hose		34 320 89
<b>Tank Kit EP 55-AZ with Meter</b>		
<p>Complete tank kit comprising: Pump EP 55 (as above), 1.5 m reinforced suction hose DN 20 (3/4") with suction filter and foot valve, delivery hose DN 20 (3/4")</p> <p><b>Suction and delivery hose with swivel nuts for easy and safe fitting</b> approved <b>automatic Shut Off Nozzle AZ</b> with swivel, <b>flow meter DIGIMET M80 mechanical</b>, resettable dispense 0-999 Litres, 6 digit totaliser.</p>		
<b>(Supplied without Tank)</b>		
Tank Kit EP 55-AZ with meter, 4 m delivery hose		34 320 58
Tank Kit EP 55-AZ with meter, 8 m delivery hose		34 320 96

Description	Specifications can be subject to change without notice	Part No.		
<b>Automatic Shut Off Nozzle - AZ</b>				
German PTB approved, for flow rates up to 60 litres / min, with swivel Thread 3/4" male				
Automatic shut off nozzle AZ/60L for EP 55			34 393 54	
<b>Trigger Nozzle S deluxe</b>				
Standard trigger nozzle (non automatic) with heavy duty body with swivel thread 3/4" male for diesel and petrol				
Trigger nozzle S deluxe			34 393 30	
<b>In Line Flow Meter DIGIMET M80</b>				
resettable 0-999 l., 6 digit totaliser, volumetric measurement, mechanical, calibratable, flow rates of 10-80 litres/min, max. working pressure 6 bar, accuracy ±1% (at 16-80 Litre/min), 1" threads (3 inlets, 2 outlets), robust casing of reinforced PA, NBR seals <b>Can also be used for engine oils, gear oils and other fluids at low pressures</b>				
Digimet M80 Flange mounted for EP55				35 408 07
Digimet M80 for EP12, EP24				35 408 45
<b>Meter mounting kit</b>				
Meter mounting kit for EP55, EP12 and EP24				35 420 16
Meter mounting kit for EP140, EP12 PLUS and EP24 PLUS				35 420 23
<b>Delivery Hose DN 20</b>				
for EP55, EP12 and EP24, 3/4" swivel nuts 3/4"				
Delivery hose DN 20 (3/4") 1.5 metres long				34 713 16
Delivery hose DN 20 (3/4") 4.0 metres long				34 713 54
Delivery hose DN 20 (3/4") 8.0 metres long			34 713 92	
<b>Suction Hose</b>				
for EP55, EP12 and EP24, with 3/4" swivel nut with Suction Filter and Foot Valve				
Suction hose DN 20 ( 3/4") 1.5 m long			34 712 62	
<b>Drip Tray with Holder</b>				
<b>for Oil Control Gun or Hose End Meter</b>				
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 1000l IBC-Container			34 708 07	

Description	Specifications can be subject to change without notice	Part No.	
<p><b>Compact Tank Mounted Kit EP55-AZ-B</b>  <b>with Mechanical Flow Meter</b>            Compact, electric, tank mounted kit for diesel and light fuel oil, self priming vane pump with integral by-pass pressure regulator, 1.5 metres mains cable On/Off Switch, Mechanical in line flow meter, resettable, dispense and totaliser displays, compact metal case for wall mounting or on tank, self closing, approved automatic shut-off nozzle            1.6m suction hose with filter, 4m delivery hose and holster for nozzle.            Output: 50 Litres/min approx. free delivery            Max. pressure: 2 bar (30 psi) approx.            Electrical detail: 230V, 50Hz, 2.1A, IP55, 0.25kW</p>	34 318 15		
<p><b>Electric Vane Pump EP 60</b>            Self Priming Vane Pump with            Integral Bypass Pressure Regulator, 2m Supply Cable            Output: 60 Litres/min approx. free delivery            Max. pressure: 6 bar / 87 psi approx.            Electrical detail: 230V, 50Hz, IP55, 1.6 kW            Threads: inlet and outlet 1" BSP (male)            Suction height: 2.5 m</p>	34 310 20		
<p><b>Electric Vane Pump EP140</b>  <b>for Diesel and Light Fuel Oil</b>            Self priming electric vane pump with integral by-pass pressure regulator, 3m mains cable, On/Off switch            Output: 80 Litres/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		
<p><b>Electric Vane Pump EP12 PLUS</b>  <b>for Diesel and Light Fuel Oil</b>            Self priming electric vane pump with integral by-pass pressure regulator, 3m cable and clips for battery terminals            Output: 80 Litres/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		
<p><b>Electric Vane Pump EP24 PLUS</b>  <b>for Diesel and Light Fuel Oil</b>            Self priming electric vane pump with integral by-pass pressure regulator, 3m cable and clips for battery terminals            As above specification, but with 24V DC</p>	34 381 28		
<p><b>Delivery Hose DN 25 (1")</b>            for EP140 and EP12/24 PLUS, 1" swivel nuts</p>	34 715 14		
<p>Delivery hose DN 25 (1") - 4.0 metres long</p>	34 715 14		
<p>Delivery hose DN 25 (1") - 8.0 metres long</p>	34 715 76		
<p><b>Suction Hose DN 25 (1")</b>            1" swivel nut, suction filter and foot valve            Suction hose DN 25 / 1" - 2.0 m with suction filter</p>	34 712 86		
<p><b>Automatic Shut-off Nozzle AZ</b>            for flow rates up to 80 Litres/minute with swivel (approved version on request.) Thread 1" male            Automatic shut-off nozzle AZ/80L for EP140</p>	34 393 78		

Description	Specifications can be subject to change without notice	Part No.	
<b>Pump EP 55, Self Priming</b>			
Self priming vane pump with integral by-pass pressure regulator, <b>anti syphon valve</b> , mains cable, nozzle holster, 2" BSP bung adaptor, Output 55 litres/min free delivery Max. pressure 2 bar (30 psi) approx. 230 V, 50 Hz, 4 A, IP 55, Motor 0.46 KW with thermal cut-out, suitable for diesel, light fuel oil (with a flash point higher than 55°C/130°F)			
EP 55 Pump without accessories (threads 1" female)		<b>34 315 01</b>	
EP 55 Pump with bung adaptor and nozzle holster		<b>34 315 18</b>	
<b>Electric Pump EP 12 / EP 24</b>			
Self priming vane pump, threads 3/4" female, for 12 or 24V DC, IP54, approx. 1 bar, suitable for Bio-Diesel, diesel, light fuel oil (for other fluids please contact us), Clips for battery terminals			
Pump EP12 - 12 V DC, 120W, 16 A, approx. 36 L/min. (free delivery)		<b>34 304 05</b>	
Pump EP24 - 24 V DC, 120W, 8 A, approx. 40 L/min. (free delivery)		<b>34 304 29</b>	
<b>Drum Adaptor Kit</b>			
for connecting pumps EP 12 / EP 24 to 2" BSP drum threads (for vertical mounting of pumps)			
Drum adaptor kit for vertical mounting of EP 12 EP 24		<b>34 339 18</b>	
<b>In Line Flow Meter DIGIMET M80, VITON</b>			
resettable, volumetric measurement, mechanical, calibratable, flow rates of 10-80 Litres/min, max. working pressure 6 bar (87 psi), accuracy ±1% (at 16-80 L/min), 1" threads (3 inlets, 2 outlets) resettable dispense display 0-999 L, 6 digit totaliser, robust casing of reinforced PA, <b>VITON seals</b>			
Digimet M80, VITON, Flange mounted for EP55		<b>35 408 76</b>	
Digimet M80, VITON, for EP12 and EP24		<b>35 408 14</b>	
<b>Meter Fitting Kit for EP55, EP12 und EP24</b>			
Meter Fitting Kit		<b>35 420 16</b>	
<b>Delivery Hose DN 20 (3/4")</b>			
for EP55, EP12 and EP24, 3/4" swivel nuts			
Delivery hose DN 20 (3/4") 4.0 metres long		<b>34 713 54</b>	
Delivery hose DN 20 (3/4") 8.0 metres long		<b>34 713 92</b>	
<b>Double Ended Connector with <u>one cone seat</u></b>			
Double ended connector 3/4" x 3/4" male		<b>39 913 40</b>	
<b>Suction Hose for Bio-Diesel</b>			
3/4" swivel nut with suction filter and foot valve for EP55, EP12 and EP24			
Suction hose 1.5 m long for Bio-Diesel		<b>34 712 79</b>	
<b>Automatic Shut-off Nozzle AZ</b>			
with German PTB approval, for flow rates up to 60 Litres/min, with swivel, 3/4" inlet.			
Automatic shut-off nozzle - AZ		<b>34 393 54</b>	
<b>Trigger Nozzle - S deluxe</b>			
Standard trigger nozzle (without automatic shut-off) with heavy duty body, with swivel, inlet thread 3/4" male			
Trigger nozzle - S deluxe		<b>34 393 30</b>	

Description	Specifications can be subject to change without notice	Part No.
<b>Lever Operated Barrel Pump HP 350-V-EX</b>		
Lever Operated Barrel Pump designed for drums from 50 Litres to 200 Litres capacity, with Grounding Clamp, Steel Telescopic Suction Tube 450mm to 860mm, Body of Zinc Plated Steel, 2" and 1 1/2" Drum Adaptor, Removable, Angled Spout. <b>Seals: VITON</b>		 
<b>Suitable for: Petrol and 2-Stroke Mixture</b>		
Lever Operated Barrel Pump HP 350-V-EX	<b>34 636 32</b>	
<b>Aluminium Rotary Pump RP 100-EX</b>		
Complete with 1.5 metres delivery hose, ball valve and nozzle for gear oil  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 Litres, 2" bung adaptor. Output 250cc/ per revolution		 
<b>Suitable for: petrol and 2 stroke mixture</b>		
Aluminium Rotary Pump RP 100-EX	<b>34 611 26</b>	
<b>Aluminium Rotary Pump RP 100-EX</b>		
<b>With Meter DIGIMET M80-VITON</b>		
Complete with 1.5 metres delivery hose, ball valve and nozzle for gear oil  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 Litres, 2" bung adaptor.		 
<b>Suitable for: petrol and 2 stroke mixture</b>		
Aluminium Rotary Pump RP 100-EX with Digimet M80 Viton	<b>34 611 02</b>	
<b>Delivery Hose EX DN20 (3/4") 1.5 m long</b>		
Delivery hose DN20 (3/4"), 3/4" male ends, conductive and petrol resistant		
Delivery Hose EX DN20 (3/4") 1.5 m long	<b>34 620 24</b>	
<b>Suction Hose EX DN25 (1") for EP 130</b>		
Angle formed, conductive and petrol resistant for 200 Litre drums. Threads: 3/4" male		
Suction Hose EX, DN25 (1") for EP 130	<b>34 331 30</b>	
<b>Hose End Controls EX</b>		
Ball Valve 1/2" female with reducing connector 3/4" female to 1/2" male with nozzle for gear oil		
Hose End Controls EX ball valve with gear oil nozzle	<b>34 620 48</b>	

Description	Specifications can be subject to change without notice	Part No.	
<b>Electric Tank Kit EP130 EEX-D</b> <b>for diesel or petrol</b> Suitable for: Diesel, Fuel Oil, Petrol and 2 Stroke Fuel (for products with a flash point <21°C) Kit includes: Self priming explosion proof vane pump with integral by-pass valve and 1.5m spiral cable with grounding point, tank bracket for 200 litre barrels, In-line flow meter DIGIMET M80 – VITON 3m delivery hose DN20 3/4" male ends, angle formed Suction hose DN25 (1"), both conductive and petrol resistant, Standard or automatic shut-off nozzle  Technical Data: Output: 50 Litres/min approx. free delivery Max. pressure: 1.7 bar (25 psi) approx. Electrical detail: 230 V, 50 HZ, 0.18 KW Fuse required for electrical supply: 10 A  Tank Kit EP130 EEX-D-S with standard nozzle Tank kit EP130 EEX-D-AZ, approved automatic nozzle			
		34 329 42	
		34 329 66	
<b>Electric Vane Pump EP130 EEX-D</b> <b>for Diesel and Petrol</b> Self priming, explosion proof vane pump with integral by-pass pressure regulator, thermal cut-out, 3m mains cable.  Technical datas as above described, thread R 3/4" (female) Electric Vane Pump EP130 EEX-D			
		34 313 03	
<b>In Line Flow Meter DIGIMET M80 - VITON</b> resettable, volumetric measurement, mechanical, calibratable, flow rates of 10-80 Litres/min, max. working pressure 6 bar (87 psi), accuracy ±1% (at 16-80 L/min), 1" threads (3 inlets, 2 outlets) resettable dispense display 0-999 L, 6 digit totaliser, robust casing of reinforced PA, <b>VITON seals</b> <b>Suitable for Petrol and 2 Stroke Fuel</b> Digimet M80 EX - VITON			
		35 408 14	
<b>Meter Fitting Kit for Ex-Pumps</b> Meter Fitting Kit for Ex-Pumps			
		35 420 30	
<b>Double ended Connector, Brass, with Cone Seats at both ends</b> Double Ended Connector 1/4" x 1/4" male Double Ended Connector 1/2" x 1/2" male Double Ended Connector 1/4" x 3/8" male			
		39 914 49	
		39 912 03	
		39 914 87	
<b>Double Ended Connector, Brass, with Cone Seat at one end</b> Double Ended Connector 3/8" x 1/2" male Double Ended Connector 1/2" x 3/4" male Double Ended Connector 3/4" x 3/4" male Double Ended Connector 3/4" x 1" male Double Ended Connector 1" x 1" male Double Ended Connector 1" x 1 1/4" male			
		39 913 88	
		39 912 34	
		39 913 40	
		39 913 57	
		39 910 12	
		39 914 18	
<b>Sleef and Reduc. Connector, Steel zinc plated</b> Sleef M10x1 female hexagon size 14 x 13 Reducing Connector M10x1 male x 1/8" female Reducing connector 1/8" male x M10x1 female Reducing connector M10x1 male x 1/4" male Reducing connector 1/4" male x M15x1 male			
		39 910 67	
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