

Lubrication Equipment - Fluid Handling Products

# mato

Product Catalogue 2023

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MATO GmbH & Co. KG, Main Production Facility and Administration Headquarters, Mühlheim a.M., Germany

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## GLOBAL PRESENCE



## QUALITY



## CUSTOMER FOCUS

## INNOVATION

### **High-Quality Lubrication Equipment for High-Quality Lubricants**

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. 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.

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.

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**Lube**  
**Shuttle**



## Lube-Shuttle® System Side-Lever Grease-Gun

### Description

Images and specifications can be subject to change without notice

### Part No.

### Lube-Shuttle® Side-Lever Grease-Gun, galvanized

Side-lever grease gun for Lube-Shuttle® cartridges, high quality version with zinc plated all-steel pumphead and cartridge protection tube, packed in environmentally friendly display carton with user instructions and safety advise. Working pressure more than 400 bar (5.800 psi), maximum pressure capability approx. 800 bar (11.600 psi), TÜV, DLG, BLT approved



- Tool free cartridge opening with screw-cap, re-usable
- Fast and clean loading and unloading without opening gun
- Type and quantity of grease visible at a glance
- Optimum use of all grease in cartridge
- Environmentally friendly
- Refillable using Lube-Shuttle filler pumps with refill adaptor (part no. 3115050)

Lube-Shuttle® without accessories, galvanized M10x1	30 020 60
Lube-Shuttle® without accessories, galvanized 1/8"	30 010 70
Lube-Shuttle® with rigid tube E4024, galvanized M10x1	30 120 90
Lube Shuttle® with rigid tube E4024, galvanized 1/8"	30 110 00

**with 300mm high pressure nylon hose PH-30C,**  
multiple braid, burst pressure 1.000 bar (14.450 psi), Ø-9mm,  
and 4-jaw hydraulic coupler

Lube-Shuttle® with hose PH-30C, galvanized M10x1	30 320 50
Lube Shuttle® with hose PH-30C, galvanized 1/8"	30 310 60

**with 300mm safety rubber hose RH-30C,**  
Steel wire braided, burst pressure 1.650 bar (23.900 psi),  
Ø-13mm, and 4-jaw hydraulic coupler

Lube Shuttle® with hose RH-30C, galvanized M10x1	30 220 20
Lube Shuttle® with hose RH-30C, galvanized 1/8"	30 210 30

### Lube-Shuttle® Side-Lever Grease-Gun, painted

Type and accessories as described above,  
**but silver painted**

Lube-Shuttle® without accessories, painted M10x1	30 026 02
Lube-Shuttle® without accessories, painted 1/8"	30 016 05
Lube-Shuttle® with rigid tube E4024, painted M10x1	30 126 49
Lube Shuttle® with rigid tube E4024, painted 1/8"	30 119 01
Lube-Shuttle® with hose PH-30C, painted M10x1	30 326 09
Lube Shuttle® with hose PH-30C, painted 1/8"	30 316 02
Lube Shuttle® with hose RH-30C, painted M10x1	30 229 07
Lube Shuttle® with hose RH-30C, painted 1/8"	30 219 00

### Lube-Shuttle® Promo-Set

Lube-Shuttle® Promo-Set in display-carton,  
includes galvanized Lube-Shuttle® side-lever grease-gun,  
either with rigid tube E4024, nylon hose or high pressure safety  
rubber hose, each with 4-jaw hydraulic safety coupler,  
and **two** Lube-Shuttle® cartridges MULTI basic 2M

Lube-Shuttle® Promo-Set with rigid tube E4024, M10x1	30 112 39
Lube-Shuttle® Promo-Set with rigid tube E4024, R1/8"	30 112 22
Lube-Shuttle® Promo-Set with hose PH-30C, M10x1	30 112 91
Lube-Shuttle® Promo-Set with hose PH-30C, R1/8"	30 112 77
Lube-Shuttle® Promo-Set with hose RH-30C, M10x1	30 113 38
Lube-Shuttle® Promo-Set with hose RH-30C, R1/8"	30 113 21



For more information on our  
range of hoses, please see  
page 26



## Lube-Shuttle® System TG One-Hand Grease Gun

Description	Images and specifications can be subject to change without notice	Part No.
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### Lube-Shuttle® System TG One-Hand Grease Gun

One-hand grease-gun with galvanized steel barrel for Lube-Shuttle® system cartridges, ergonomically engineered heavy-duty design, delivery rigid tube can be fitted either horizontally or vertically, thereby ensuring optimal access to even difficult to reach lubrication spots! Packed in environmentally friendly display carton with user instructions and safety advise.

Pressure capability of approx. 300 bar (4.350 psi)  
All details of features and advantages of the MATO Lube-Shuttle® grease-gun system remains.

#### without accessories

Lube Shuttle® TG without accessories, thread M10x1	30 060 20
Lube Shuttle® TG without accessories, thread R1/8"	30 050 30

#### Lube Shuttle® TG with rigid tube

Lube Shuttle® TG with rigid tube, thread M10x1	30 160 50
Lube Shuttle® TG with rigid tube, thread R1/8"	30 150 60

#### 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

Lube Shuttle® TG with hose PH-30C, Thread M10x1	30 360 10
Lube Shuttle® TG with hose PH-30C, Thread R1/8"	30 350 20

#### with 300mm safety rubber hose RH-30C,

steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø-13mm, with 4-jaw hydraulic coupler

Lube Shuttle® TG with hose RH-30C, thread M10x1	30 260 80
Lube Shuttle® TG with hose RH-30C, thread R1/8"	30 250 90

### Lube-Shuttle® TG Promo-Set

Lube-Shuttle® Promo-Set in display-carton, includes Lube-Shuttle® TG one-hand grease-gun, either with rigid tube E4024, nylon hose or high pressure safety rubber hose, each with 4-jaw hydraulic safety coupler, and two Lube-Shuttle® cartridges MULTI basic 2M

#### with rigid tube and 4-jaw hydraulic coupler

Lube-Shuttle® Promo-Set TG with rigid tube E4024, M10x1	30 116 42
Lube-Shuttle® Promo-Set TG with rigid tube E4024, R1/8"	30 116 59

#### with 300mm high pressure nylon hose PH-30C,

multiple braid, burst pressure 1.000 bar (14.450 psi), Ø-9mm, and 4-jaw hydraulic coupler

Lube-Shuttle® Promo-Set TG with PH-30C, M10x1	30 117 03
Lube-Shuttle® Promo-Set TG with PH-30C, R1/8"	30 117 10

#### with 300mm safety rubber hose RH-30C,

steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø-13mm, and 4-jaw hydraulic coupler

Lube-Shuttle® Promo-Set TG with RH-30C, M10x1	30 118 02
Lube-Shuttle® Promo-Set TG with RH-30C, R1/8"	30 118 19



For more information on our range of hoses, please refer to page 26



## Lube-Shuttle® Lubrication Kit, Air Operated Grease Applicators and Dispenser

Description	Images and specifications can be subject to change without notice	Part No.
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### Lube-Shuttle® Lubrication Kit

Kit includes:

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® lubrication kit **30 333 30**

### Lube-Shuttle® Grease Spray Unit LubeJet-eco

This air 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. Eliminates wasteful consumption of grease in surface coating, offers wide range of applications.

Lube-Shuttle® grease spray unit LubeJet-eco **33 780 80**

### Spray Lances Set for Lube-Shuttle® LubeJet-eco

Spray lances set for LubeJet-eco with safety quick-coupler incl. three straight spraying lances 500/750 and 1200 mm and one bent lance 170/55 mm. Lances are made of stainless steel (1.4301) 8mm

Spray lances Set for Lube-Shuttle® LubeJet-eco **33 782 95**

### Lube-Shuttle® Air Operated Grease Gun DF-LS

One-hand air operated grease gun for Lube-Shuttle® cartridges, **designed for grease up to NLGI class 3, single shot system**, output approx. 1 ccm per stroke, pressure ratio 1:60, max. pressure 480 bar (6.950 psi), air pressure 3 to 8 bar

Lube-Shuttle® DF-LS with rigid tube E4024, M10x1 **30 371 16**

Lube-Shuttle® DF-LS with rigid tube E4024, R1/8" **30 371 09**

Lube-Shuttle® DF-LS with hose RH-30C, M10x1 **30 373 14**

Lube-Shuttle® DF-LS with hose RH-30C, R1/8" **30 373 07**

### Lube-Shuttle® Dispenser Lube-Shot 400

Designed to apply grease to all open surfaces, such as uncaged roller bearings. The dispenser will replace traditional, messy methods of application with open cartridges and brushes. The use of this dispenser will permit clean and uncontaminated greasing of open bearings. Lube-Shot 400 with nozzle, screw cap and an adaptor nozzle for the Lube-Shuttle® system-cartridge.

Lube-Shuttle® dispenser Lube-Shot 400 **30 001 10**

### Nozzle-Set Lube-Shot 400

Nozzle with closure cap for the Lube-Shuttle® system cartridge

Nozzle-Set Lube-Shot 400 **30 009 05**





## Cartridges Empty, Accessories and Filling Units for Lube-Shuttle® System-Cartridges

Description	Images and specifications can be subject to change without notice	Part No.
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### Lube-Shuttle® Cartridges Empty

Empty Lube-Shuttle® cartridges

follower plate inserted and screw cap separated

MATO recommends empty cartridges of NMBP, France:  
[www.mbp-plastics.com](http://www.mbp-plastics.com)



Customized printing on empty cartridges available upon request

Lube-Shuttle® cartridges, empty white

31 198 05

Lube-Shuttle® cartridges, empty transparent with red follower

31 001 00

### Lube-Shuttle® Cartridge Screw Caps

24 screw caps, packed in poly bag,

replacements, or for sealing cartridges after filling



Lube-Shuttle® cartridge screw caps

31 100 00

### Lube-Shuttle® Cartridge Adaptor

Lube-Shuttle® cartridge adaptor,

easy method to adapt Lube-Shuttle® cartridges to different thread sizes in third party grease guns



Lube-Shuttle® cartridge adaptor (Fuchs/KAJO to 1" Lube-Shuttle)

31 090 04

Lube-Shuttle® cartridge adaptor (Lincoln/SKF to 1" Lube-Shuttle)

31 091 03

### Lube-Shuttle® Refill-Adaptor Set

Lube-Shuttle cartridge refill adaptor for use

with manual grease pail pump (i.e. MATO ecoFILL).

Simple, economic and clean refilling of empty cartridges.



Refill-Adaptor set Lube-Shuttle®

31 150 50

### Pneumatic Filler Pump pneuMATO-fill

Filler pump with high output for clean and quick filling of

Lube-Shuttle® cartridges (using refill-adaptor part no. 31 150 50)

or filling standard grease guns with filling nipple.

(without Refill-Adaptor-Set)



pneuMATO-fill-10-d for 10 kg pails, inner-Ø 215-230 mm

33 710 50

pneuMATO-fill-15-d for 15 kg pails, inner-Ø 255-282 mm

33 715 48

pneuMATO-fill-20-d for 18/20 kg pails, inner-Ø 265-285 mm\*

33 720 88

pneuMATO-fill-20-d for 18/20 kg pails, inner-Ø 285-305 mm

33 720 64

pneuMATO-fill-25-d for 25 kg pails, inner-Ø 300-335 mm

33 725 76

pneuMATO-fill-50-d for 50 kg pails, inner-Ø 355-387 mm

33 750 65

pneuMATO-fill-200-d for 200 kg drums, inner-Ø 550-590 mm

33 700 60

## Lube-Shuttle® System-Cartridges

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Lube-Shuttle® Booster-Pack MULTI basic 2M

Lithium multi-purpose grease, mineral oil base, for universal application. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion.

##### Basic data:

Base viscosity: 110 mm<sup>2</sup> / s (40°C)  
 Temperature range: -30 to +120°C (short term to +130°C)  
 According to DIN 51502: K2K-30 NLGI Class : 2  
 Offers good corrosion protection, resistance to oxidation, high mechanical stability and high pressure capabilities.



Grease cartridges 400 g Lube-Shuttle® MULTI basic 2M

31 200 23

#### Lube-Shuttle® Booster-Pack MULTI PLUS EP-2M

Lithium multi-purpose grease, mineral oil base, with Extreme Pressure additives. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion. Compared to MULTI basic, has a higher mechanical stability.

##### Basic data:

Base viscosity: 200 mm<sup>2</sup> / s (40°C)  
 Temperature range: -30 to +120°C (short term to +130°C)  
 According to DIN 51502: KP2K-30 NLGI Class: 2  
 Offers good corrosion protection, resistance to oxidation, very high mechanical stability and high pressure capabilities.



Grease cartridges 400 g Lube-Shuttle® MULTI PLUS EP-2M

31 200 30

#### Lube-Shuttle® Booster-Pack GRAPHITE 2M GR

Graphite multi-purpose grease with Lithium soap, mineral oil base with extreme pressure and anti-wear additives. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion.

##### Basic data:

Base viscosity: 110 mm<sup>2</sup> / s (40°C)  
 Temperature range: -30 to +130°C (short term to +150°C)  
 According to DIN 51502: KPF2K-30 NLGI Class: 2  
 Good corrosion and oxidation protection properties, high mechanical stability, excellent high pressure characteristics.



Grease cartridges 400 g Lube-Shuttle® GRAPHITE 2M GR

31 200 92

#### Lube-Shuttle® Booster-Pack HIGH TEMP EP-2L HT

Lithium complex high temperature grease, mineral oil base with extreme pressure and anti-wear additives. Includes anti-oxidants and corrosion inhibitors as well as polymers to improve adhesion. Good corrosion and oxidation protection properties, outstanding mechanical stability, good high pressure characteristics.

##### Basic data:

Base viscosity: 215 mm<sup>2</sup> / s (40°C)  
 Temperature range: -30 to +140°C (short term to +220°C)  
 According to DIN 51502: KP2-3N-30 NLGI Class: 2-3



Grease cartridges 400 g Lube-Shuttle® HIGH TEMP EP-2L HAT

31 201 22

#### Lube-Shuttle® Booster-Pack PROTECT EP-2L WR

Semi-synthetic Calcium base grease with extreme pressure and anti-wear additives, anti-oxidants and corrosion inhibitors. This grease, of the highest quality, combines excellent water resistance and a high adhesion factor.

##### Basic data:

Base viscosity: 1370 mm<sup>2</sup> / s (40°C)  
 Temperature range: -30 to +120°C (short term to +130°C)  
 According to DIN 51502: KP2K-30 NLGI Class: 2  
 Excellent water resistance and adhesion properties, extr. pressure, excellent corrosion protection and outstanding mechanical stability.



Grease cartridges 400 g Lube-Shuttle® PROTECT EP-2L WR

31 201 60



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## Side Lever Grease Guns

### Description

Images and specifications can be subject to change without notice

### Part No.

#### MATO All Steel Grease Gun E503

Business class model, according to DIN 1283, short stroke action, metered delivery, permanent spring load system.

Working pressure more than 400 bar (5.800 psi), max. pressure capability approx. 800 bar (11.600 psi), suits for 400 g cartridges or 500 g bulk fill.

**packed in poly bag**

TÜV, DLG, BLT approved



**E503 without accessories**, thread M10x1 **30 520 03**

**E503 without accessories**, thread R1/8" **30 510 06**

**E503 with rigid tube E4024**, thread M10x1 **30 521 02**

**E503 with rigid tube E4024**, thread R1/8" **30 511 05**

**E503 with 300 mm high pressure nylon hose PH-30C**, multiple braid, burst pressure 1.000 bar (14.450 psi), Ø - 9 mm, with 4-jaw hydraulic coupler

**E503 with hose PH-30C**, thread M10x1 **30 522 01**

**E503 with hose PH-30C**, thread R1/8" **30 512 04**

**E503 with 300 mm with safety rubber hose RH-30C**, steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø - 13 mm, with 4-jaw hydraulic coupler

**E503 with hose RH-30C**, thread M10x1 **30 523 00**

**E503 with hose RH-30C**, thread R1/8" **30 513 03**



For more information on our range of hoses, please see page 26



#### MATO All Steel Grease Gun E500

First-class model, according to DIN 1283, short stroke action, metered delivery, permanent spring load system, combined filler nipple / air venting valve, ergonomic hand grip.

Working pressure more than 400 bar (5.800 psi), max. pressure capability approx. 800 bar (11.600 psi), suits for 400 g cartridges or 500 g bulk fill,

**packed in environmentally friendly display carton** with user instructions and safety advise. TÜV, DLG, BLT approved



**E500 without accessories**, thread M10x1 **30 420 04**

**E500 without accessories**, thread R1/8" **30 410 07**

**E500 with steel tube E4024**, thread M10x1 **30 421 03**

**E500 with steel tube E4024**, thread R1/8" **30 411 06**

**E500 with 300 mm high pressure nylon hose PH-30C**, multiple braid, burst pressure 1.000 bar (14.450 psi), Ø - 9 mm, with 4-jaw hydraulic coupler

**E500 with hose PH-30C**, thread M10x1 **30 422 02**

**E500 with hose PH-30C**, thread R1/8" **30 412 05**

**E500 with 300mm safety 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 R1/8" **30 413 04**



For more information on our range of hoses, please see page 26



#### MATO All Steel Grease Gun E600

First-class model, short stroke action, metered delivery, permanent spring load system, combined filler nipple/air venting valve, ergonomic hand grip, for 500 g cartridges or 600 g bulk fill, packed in plain carton

**E600M without accessories**, thread M10 x 1 **30 426 08**

**E600R without accessories**, thread R1/8" **30 416 01**

#### MATO Grease Gun with Pressure Gauge

see model E503, thread R1/8", short stroke action, metered delivery and permanent spring load system, additionally equipped with pressure gauge ( 0-400 bar / 0-5.800 psi) and hand-grip

MATO grease gun with pressure gauge, without accessories **30 526 90**





## Lubrication Kit, Oil Guns and One-Hand Guns

Description	Images and 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>MATO All Steel Grease gun E500 with bracket</b>		
Grease Gun E500, zinc plated, with bracket for wall/surface mounting, side lever retraction by spring, unit <b>packed in poly bag</b>		
MATO All Steel Grease gun E500 with bracket		30 425 09
<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.		
<b>4-jaw hydraulic connector features a backlash valve.</b>		
<b>E476M without accessories</b> , thread M10x1		30 700 52
<b>E476R without accessories</b> , thread R1/8"		30 700 76
<b>E476M with rigid tube E4024</b> , thread M10x1		30 701 20
<b>E476R with rigid tube E4024</b> , thread R1/8"		30 701 44
<b>E476M with hose RH-30C</b> , thread M10x1		30 702 36
<b>E476R with hose RH-30C</b> , thread R1/8"		30 702 50
<b>Suction and Filling Gun S400/1</b>		
Suction and filling gun with double inner piston and flexible plastic suction hose (300 mm)		
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 (500 mm)		
Double action filling gun SFP 500		34 600 20
<b>Injection Gun for Concrete Restoration</b>		
Injection gun, painted, with sealed container capacity 600 ccm, thread M10x1. Effortless high pressure filling of concrete cracks via epoxy and PU resin injection packers, <b>packed in poly bag</b>		
Injection Gun for Concrete Restoration		30 620 64
<b>Injection Gun for Concrete Restoration with Cap</b>		
Injection gun, zinc plated, hand grip and barrel with cap, capacity 550 ccm, thread M10x1. Effortless high pressure filling of concrete cracks via epoxy and PU resin injection packers, <b>packed in poly bag</b>		
Injection Gun for Concrete Restoration with Cap		30 620 88



**New**

## One-Hand Guns, Air Operated Grease Gun and Grease Cartridges

### Description

Images and specifications can be subject to change without notice

### Part No.

#### One-Hand Grease Gun Kit TG-500

suits 400 g cartridges or 500 g bulk fill, equipped with combined air release/filling valve (for use with pail mounted filler pumps), pressure capability approx. 300 bar, zinc plated, packed in environmentally friendly display carton with user instructions and safety advise. New ergonomically engineered heavy-duty design, delivery rigid tube can be fitted either horizontally or vertically, thereby ensuring optimal access to even difficult to reach lubrication spots.

**TG-500-S with rigid tube**, thread M10x1 **32 101 06**

**TG-500-S with rigid tube**, thread R1/8" **32 101 20**

**with 300 mm high pressure nylon hose PH-30C**,

multiple braid, burst pressure 1,000 bar / 14,450 psi, Ø - 9 mm, with 4-jaw hydraulic coupler

**TG-500-F with hose PH-30C**, thread M10x1 **32 103 04**

**TG-500-F with hose PH-30C**, thread R1/8" **32 103 28**

**with 300 mm safety rubber hose RH-30C**,

steel wire braided, burst pressure 1,650 bar / 23,900 psi, Ø - 13mm with 4-jaw hydraulic coupler

**TG 500-F with hose RH-30C**, thread M10x1 **32 102 05**

**TG 500-F with hose RH-30C**, thread R1/8" **32 102 29**

#### MATO-One Hand Air Operated Grease Gun DF

For use with standard grease cartridges 400 g, filler pump or bulk fill, for greases up to NLGI 2, DIN 51818.

Single shot system (1 ccm per stroke), pressure ratio 60:1, air pressure from 3 to max. 8 bar, maximum working pressure 480 bar (6.950 psi)

**DF 500 with rigid tube E4024**, thread M10x1 **34 101 55**

**DF 500 with rigid tube E4024**, thread R1/8" **34 100 01**

**DF 501 with safety rubber hose RH-30C**, thread M10x1 **34 101 79**

**DF 501 with safety rubber hose RH-30C**, thread R1/8" **34 100 56**

#### MATO-One Hand Air Operated Oil Gun DFO

Technical data see above, but with oil tight inner piston. Accessory-set includes hydraulic connector with backlash valve.

**DFO 500 with rigid tube E4024**, thread R 1/8" **34 101 00**

**DFO 501 with safety rubber hose RH-30C**, thread R 1/8" **34 101 24**

#### Pull-Off-Grease Cartridges 400g - DIN 1284

Pull-Off grease cartridges, according to DIN 1284  
Diameter: max. 53,5 mm  
Length: 235 mm

For specification of grease  
Multi basic 2M, MULTI PLUS EP-2M und GRAPHITE 2M GR  
please see page 10



MATO recommends empty cartridges of NMBP-France:  
[www.mbp-plastics.com](http://www.mbp-plastics.com)



Pull-Off grease cartridges 400 g	MULTI basic 2M	K2K-30	<b>31 000 18</b>
Pull-Off grease cartridges 400 g	MULTI PLUS EP-2M	KP2K-30	<b>31 001 24</b>
Pull-Off grease cartridges 400 g	GRAPHITE 2M GR	KPF2K-30	<b>31 002 09</b>

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## Grease guns suitable for 500g screw-cap cartridges

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Side-Lever Grease Gun LS 500

Side-lever grease gun for **500 g screw-neck cartridges**, high quality version **with painted all-steel pumphead** and cartridge protection tube, based on the vacuum principle of established grease-gun system Lube-Shuttle®. Ergonomic hand grip, packed in display-carton with user instructions and safety advise. Working pressure more than 400 bar (5.800 psi), maximum pressure capability 800 bar (11.600 psi)

MATO LS 500 achieves **higher pressure at less effort** in comparison to the two-lever grease guns on the market.

#### Advantages:

- Tool free cartridge opening with screw-cap, re-usable
- Fast and clean loading and unloading without opening gun
- Type and cartridge filling level visible at a glance
- Optimum use of all grease in cartridge
- Environmentally friendly
- Refillable using Lube-Shuttle filler pumps with re-fill adaptor (part no. 31 151 04)

#### without accessories

LS500 without accessories, thread M10x1	30 025 03
LS500 without accessories, thread R1/8"	30 015 51

#### with rigid tube and 4-jaw hydraulic coupler

LS500 with rigid tube E4024, thread M10x1	30 125 02
LS500 with rigid tube E4024, thread R1/8"	30 115 05

#### with 300mm high pressure nylon hose PH-30C,

multiple braid, burst pressure 1.000 bar (14.450 psi), Ø-9mm, and 4-jaw hydraulic coupler

LS500 with hose PH-30C, thread M10x1	30 325 00
LS500 with hose PH-30C, thread R1/8"	30 315 03

#### with 300mm safety rubber hose RH-30C,

steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø-13mm, and 4-jaw hydraulic coupler

LS500 with hose RH-30C, thread M10x1	30 225 01
LS500 with hose RH-30C, thread R1/8"	30 215 04

#### One-Hand Gun TG-LS500

One-hand grease gun for **500g screw-cap cartridges** equipped with cartridge-adaptor TG-LS500, ergonomically designed pistol grip, (horizontal or vertical hose/pipe connection) packed in carton-box.

Pressure capability of approx. 300 bar (4.350 psi)

#### without accessories

TG-LS500 without accessories, thread M10x1	30 080 00
TG-LS500 without accessories, thread R1/8"	30 070 03

#### Lube Shuttle® TG with rigid tube

TG-LS500 with rigid tube, thread M10x11	30 100 10
TG-LS500 with rigid tube, thread R1/8"	30 090 07

#### with 300mm high pressure nylon hose PH-30C,

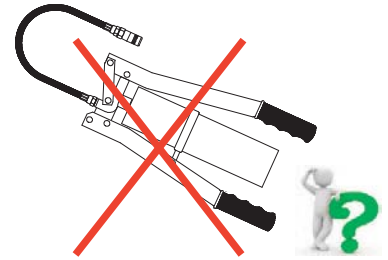
multiple braid, burst pressure 1.000 bar (14.450 psi), Ø-9mm, with 4-jaw hydraulic coupler

TG-LS500 with hose PH-30C, thread M10x1	30 103 00
TG-LS500 with hose PH-30C, thread R1/8"	30 101 19

#### with 300mm safety rubber hose RH-30C,

steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø-13mm, with 4-jaw hydraulic coupler

TG-LS500 with hose RH-30C, thread M10x1	30 107 06
TG-LS500 with hose RH-30C, thread R1/8"	30 105 08



For more information on our range of hoses please see page 26



For more information on our range of hoses please see page 26





Accessories and Filling Units for 500g screw-cap cartridges

Description	Images and specifications can be subject to change without notice	Part No.
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LS500 Refill-Adapter Set

LS500 cartridge refill adaptor for use with  
MATO ecoFILL and pneuMATO-fill pail/drum mounted filler pumps.

Simple and clean refilling of empty 500 g screw-top cartridges !



Refill-Adapter LS500 31 151 04

Cartridge Adapter TG-LS500

Cartridge adapter serves to make the 400g Lube-Shuttle® versions  
of one-hand grease gun TG-LS suitable for  
the 500 g screw-cap cartridges



Cartridge Adapter TG-LS500 31 093 01

Cartridge Adapter for Accu-Greaser 18 V

Cartridge adapter serves to make the 400g Lube-Shuttle® versions  
of Accu-Greaser 18 V suitable for  
the 500 g screw-cap cartridges



Cartridge Adaptor for Accu-Greaser 18V 31 094 00

500 g screw-cap cartridges MULTI basic 2M

Lithium multi-purpose grease , mineral oil base, for universal  
application. Includes anti-oxidants and corrosion inhibitors as well as  
polymers to improve adhesion.

Basic data:

Base viscosity: 110 mm<sup>2</sup> / s (40°C)  
Temperature range: -30 to +120°C (short term to +130°C)  
According to DIN 51502: K2K-30 NLGI Class : 2  
Offers good corrosion protection, resistance to oxidation,  
high mechanical stability and high pressure capabilities.



500 g screw cap cartridges MULTI basic 2M 31 010 15

# mato



## Battery Operated Grease-Gun 18 V Li-Ion AMPShare - Powered by BOSCH

### Description

Images and specifications can be subject to change without notice

Part No. EUR / Unit



### Accu-Greaser 18 V Basic-S

Battery operated grease-gun 18V Li-Ion,  
suitable for 400 g pull-off cartridge according to DIN 1284.

The version features a powerfull drive unit that reaches peak pressure rates well above 700 bar. The greaser drive unit is equipped with an electric overload protection.

- max. flow rate approx. 120 ccm/min.
- LED lightbeam
- grease barrel for 400 g pull-off cartridges or 500 ccm bulk grease, cartridge not included
- filling-/ and air venting nipple
- high-pressure safety rubber-hose (1.650 bar b.p. ), lenght 750 mm, incl. 4-jaw hydraulic safety-coupler R1/8"
- carry-along case with cavities for spare battery and spare cartridge

Basic version does neither include AMPShare battery pack,  
nor AMPShare charger

Accu-Greaser 18 V Basic-S

34 240 08

### Accu-Greaser 18 V Basic-LS

Battery operated grease-gun 18V Li-Ion,  
suitable for 400 g Lube-Shuttle® cartridge,  
for item description please see above. Version comes with  
cartridge protection tube for 400 g Lube-Shuttle® cartridge  
and plug to replace filling-/air venting nipple (vacuum principle).

Accu-Greaser 18 V Basic-LS

34 241 07

### Accu-Greaser 18 V Basic-SP

Battery operated grease-gun 18V Li-Ion,  
suitable for 500 g screw-cap cartridges,  
for item description please see above. Version comes with  
protection tube for 500 g screw-cap cartridges and plug  
instead of filling-/ air venting nipple (vacuum principle).

Accu-Greaser 18 V Basic-SP

34 242 06

### Accu-Greaser 18 V Basic-S-LS

Battery operated grease-gun 18V Li-Ion, suitable for  
- 400 g pull-off cartridges according to DIN 1284 AND  
- 400 g Lube-Shuttle® cartridges,  
for item description see above. Version comes with  
grease barrel for 400 g pull-off cartridge  
AND cartridge protection tube for 400 g Lube-Shuttle® cartridge  
and plug to replace filling-/air venting nipple.

The filling and venting nipple must be replaced by the plug  
when using screw-cap cartridges (vacuum principle) !

Accu-Greaser 18 V Basic-S-LS

34 243 05

### Accu-Greaser 18 V Basic-S-LSP

Battery operated grease-gun 18V Li-Ion, suitable for  
- 400 g pull-off cartridges according to DIN 1284 AND  
- 400 g Lube-Shuttle® cartridges AND  
- 500 g screw-neck cartridges (LS 500),  
for item description see above. Version comes with  
grease barrel for 400 g pull-off cartridge  
AND cartridge protection tube for 400 g Lube-Shuttle® cartridge  
AND adaptor for 500 g screw-cap cartridges  
and plug to replace filling-/air venting nipple.

The filling and venting nipple must be replaced by the plug  
when using screw-cap cartridges (vacuum principle) !

Accu-Greaser 18 V Basic-S-LSP

34 244 04

### Basic-Line

- battery pack not included
- charger not included





## Battery Operated Grease-Gun 18 V Li-Ion AMPShare - Powered by BOSCH

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Accu-Greaser 18 V Premium-S

Battery operated grease-gun 18V Li-Ion,  
suitable for 400 g pull-off cartridge according to DIN 1284.

The version features a powerfull drive unit that reaches peak pressure rates well above 700 bar. The greaser drive unit is equipped with an electric overload protection.

- max. flow rate approx. 120 ccm/min.
- LED lightbeam
- grease barrel for 400 g pull-off cartridges or 500 ccm bulk grease, cartridge not included
- filling-/ and air venting nipple
- high-pressure safety rubber-hose (1.650 bar b.p. ), lenght 750 mm, incl. 4-jaw hydraulic safety-coupler R1/8"
- carry-along case with cavities for spare battery and spare cartridge

Premium version includes AMPShare battery pack GBA 18V 2.0 Ah and AMPShare charger GAL 18V-40

Accu-Greaser 18 V Premium-S

34 240 15

#### Accu-Greaser 18 V Premium-LS

Battery operated grease-gun 18V Li-Ion,  
suitable for 400 g Lube-Shuttle® cartridge,  
for item description please see above. Version comes with cartridge protection tube for 400 g Lube-Shuttle® cartridge and plug to replace filling-/air venting nipple (vacuum principle).

Accu-Greaser 18 V Premium-LS

34 241 14

#### Accu-Greaser 18 V Premium-SP

Battery operated grease-gun 18V Li-Ion,  
suitable for 500 g screw-cap cartridges,  
for item description please see above. Version comes with protection tube for 500 g screw-cap cartridges and plug instead of filling-/ air venting nipple (vacuum principle).

Accu-Greaser 18 V Premium-SP

34 242 13

#### Accu-Greaser 18 V Premium-S-LS

Battery operated grease-gun 18V Li-Ion, suitable for  
- 400 g pull-off cartridges according to DIN 1284 AND  
- 400 g Lube-Shuttle® cartridges,  
for item description see above. Version comes with grease barrel for 400 g pull-off cartridge AND cartridge protection tube for 400 g Lube-Shuttle® cartridge and plug to replace filling-/air venting nipple.

The filling and venting nipple must be replaced by the plug when using screw-cap cartridges (vacuum principle) !

Accu-Greaser 18 V Premium-S-LS

34 243 12

#### Accu-Greaser 18 V Premium-S-LSP

Battery operated grease-gun 18V Li-Ion, suitable for  
- 400 g pull-off cartridges according to DIN 1284 AND  
- 400 g Lube-Shuttle® cartridges AND  
- 500 g screw-neck cartridges (LS 500),  
for item description see above. Version comes with grease barrel for 400 g pull-off cartridge AND cartridge protection tube for 400 g Lube-Shuttle® cartridge AND adaptor for 500 g screw-neck cartridges and plug to replace filling-/air venting nipple.

The filling and venting nipple must be replaced by the plug when using screw-cap cartridges (vacuum principle) !

Accu-Greaser 18 V Premium-S-LSP

34 244 11



### Premium-Line

- AMPShare battery GBA 18 V 2.0 Ah
- AMPShare charger GAL 18V-40





## Battery Operated Grease-Gun 18 V Li-Ion AMPShare - Powered by BOSCH

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Accu-Greaser 18 V Professional-S

Battery operated grease-gun 18V Li-Ion,  
suitable for 400 g pull-off cartridge according to DIN 1284.

The version features a powerfull drive unit that reaches peak pressure rates well above 700 bar. The greaser drive unit is equipped with an electric overload protection.

- max. flow rate approx. 120 ccm/min.
- LED lightbeam, **shoulder strap**
- grease barrel for 400 g pull-off cartridges or 500 ccm bulk grease, cartridge not included
- filling-/ and air venting nipple
- high-pressure safety rubber-hose (1.650 bar b.p. ), lenght 750 mm, incl. 4-jaw hydraulic safety-coupler R1/8"
- carry-along case with cavities for spare battery and spare cartridge

Version includes AMPShare battery pack GBA 18 V 4.0 Ah  
and AMPShare charger GAL 18V-40

Accu-Greaser 18 V Professional-S

34 240 22

#### Accu-Greaser 18 V Professional-LS

Battery operated grease-gun 18V Li-Ion,  
**suitable for 400 g Lube-Shuttle® cartridge,**  
for item description please see above. Version comes with  
cartridge protection tube for 400 g Lube-Shuttle® cartridge  
and plug to replace filling-/air venting nipple (vacuum principle).

Accu-Greaser 18 V Professional-LS

34 241 21

#### Accu-Greaser 18 V Professional-SP

Battery operated grease-gun 18V Li-Ion,  
**suitable for 500 g screw-cap cartridges,**  
for item description please see above. Version comes with  
protection tube for 500 g screw-cap cartridges and plug  
instead of filling-/ air venting nipple (vacuum principle).

Accu-Greaser 18 V Professional-SP

34 242 20

#### Accu-Greaser 18 V Professional-S-LS

Battery operated grease-gun 18V Li-Ion, **suitable for**  
**- 400 g pull-off cartridges according to DIN 1284 AND**  
**- 400 g Lube-Shuttle® cartridges,**  
for item description see above. Version comes with  
grease barrel for 400 g pull-off cartridge  
AND cartridge protection tube for 400 g Lube-Shuttle® cartridge  
and plug to replace filling-/air venting nipple.

**The filling and venting nipple must be replaced by the plug  
when using screw-cap cartridges (vacuum principle) !**

Accu-Greaser 18 V Professional-S-LS

34 243 29

#### Accu-Greaser 18 V Professional-S-LSP

Battery operated grease-gun 18V Li-Ion, **suitable for**  
**- 400 g pull-off cartridges according to DIN 1284 AND**  
**- 400 g Lube-Shuttle® cartridges AND**  
**- 500 g screw-neck cartridges (LS 500),**  
for item description see above. Version comes with  
grease barrel for 400 g pull-off cartridge  
AND cartridge protection tube for 400 g Lube-Shuttle® cartridge  
AND adaptor for 500 g screw-cap cartridges  
and plug to replace filling-/air venting nipple.

**The filling and venting nipple must be replaced by the plug  
when using screw-cap cartridges (vacuum principle) !**

Accu-Greaser 18 V Professional-S-LSP

34 244 28



Powered by



### Professional-Line

- AMPShare battery GBA 18 V 4.0 Ah
- AMPShare charger GAL 18V-40
- shoulder strap



## Accessories for Battery Grease-Gun AMPShare - Powered by BOSCH

Description	Images and specifications can be subject to change without notice	Part No.
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### AMPShare battery pack GBA 18 V - 2.0 Ah

**BOSCH Li-Ion AMPShare battery pack GBA 18 V DC / 2.0 Ah**  
with LED charge status indicator  
Charging time: approx. 80% in 24 min. / 100% in 35 min.

COOLPACK 1.0 technology cools the battery faster and helps to provide longer lifetime.

18V batteries and chargers are compatible with Bosch 18V power tools and cordless products from AMPShare™ alliance brands.

AMPShare battery pack GBA 18 V - 2.0 Ah **34 289 38**

### AMPShare battery pack GBA 18 V - 4.0 Ah

**BOSCH Li-Ion AMPShare battery pack GBA 18 V DC / 4.0 Ah**  
with LED charge status indicator  
Charging time: approx. 80% in 48 min. / 100% in 65 min.

COOLPACK 1.0 technology cools the battery faster and helps to provide longer lifetime

18V batteries and chargers are compatible with Bosch 18V power tools and cordless products from AMPShare™ alliance brands

AMPShare battery pack GBA 18 V - 4.0 Ah **34 290 27**

### AMPShare charger GAL 18V-40

**BOSCH AMPShare charger GAL 18V-40**  
with overcharge protection,  
220-240 V AC / 50-60 Hz, On/Off-LED,  
cable 2,0 m with EU flat-plug

18V batteries and chargers are compatible with Bosch 18V power tools and cordless products from AMPShare™ alliance brands

AMPShare charger GAL 18V-40 **34 288 77**

### Shoulder Strap for Accu-Greaser 18 V

Simple, fast and secure shoulder strap ensuring easy and comfortable operation of the battery driven grease gun

Shoulder strap for Accu-Greaser 18 V **34 259 99**

### High Pressure Rubber Hose

#### for Accu-Greaser 18 V

High pressure safety hose ø 13mm,  
burst pressure 1,650 bar (double steel wire braided)

RH-75 750mm thread R 1/8", without coupler **32 585 80**

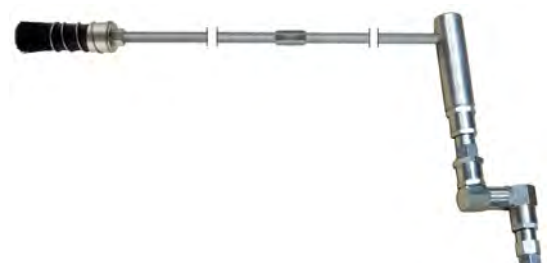
RH-75C 750mm thread R 1/8", with coupler **32 589 48**

### Lance with lubricating brush

The lance assembly includes a lubricating brush, a high-pressure handle and a z-swivel joint. It comes with separate 400/800 mm pipe segments that can be bolted by a hex-nut. The unit can directly be tied to the 750 mm high-pressure Accu-Greaser rubber hose. The lance is equipped with a PA6 nylon brush (R1/8"), with a Ø 25 mm brush, to lubricate surfaces like open gears, chains, linear and glide rails, train-tracks, etc.

For spare brush see page 54

Lance with lubricating brush and handle **33 795 37**



mato



## Grease Gun Couplers

Description	Images and specifications can be subject to change without notice	Part No.
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### Hydraulic Safety-Coupler safeLOCK

Hydraulic safety-coupler safeLOCK

- with hardened 4-jaws made of tool steel
  - with high-performance hydraulic-gasket
  - with integrated linear-swivel
  - uncoupling at more than 600 bar is possible
  - no spurt / mess when uncoupling
  - outer diameter according to DIN 1283
- Hydraulic safety-coupler safeLOCK M10x1  
Hydraulic safety-coupler safeLOCK R1/8"



32 455 04

32 456 03



32 455 11

32 456 10

### Hydraulic Safety-Coupler safeLOCK-L

safeLOCK - L for grease fittings with difficult access,  
technical data as above, but with a shaft length of 81 mm

Hydraulic Safety-Coupler safeLOCK-L M10x1



32 457 02

Hydraulic Safety-Coupler safeLOCK-L R1/8"

32 458 01

### MATO 4-Jaw Hydraulic Coupler

Heavy duty quality coupler, DIN 1283, for grease fittings  
DIN 71412, with machined and hardened jaws for optimal  
sealing and long lifetime, hexagon 15 mm

4-jaw hydraulic coupler, M10 x 1



32 438 07

4-jaw hydraulic coupler, R1/8"

32 438 21

4-jaw hydraulic coupler, M10 x 1



32 438 14

4-jaw hydraulic coupler, R1/8"

32 438 38

4-jaw hydraulic coupler, M10 x 1



32 438 45

4-jaw hydraulic coupler, R1/8"

32 438 52

### MATO 4-Jaw Hydraulic Coupler

#### with backlash Valve

High quality hydraulic coupler, DIN 1283, for use with grease  
fittings DIN 71412. Machined and hardened jaws for optimum  
leak proof operation, hexagon 15mm. **Integral backlash valve**  
permits high pressure performance, even with soft greases and  
oils of lower viscosity.

4-jaw hydraulic coupler with backlash valve, M10x1

32 440 02

4-jaw hydraulic coupler with backlash valve, R1/8"

32 440 40

### MATO Hook-on Couplers f. Button Head Fittings

Hook-on coupler SK-10M10 (M10 x 1 / 10 mm)

32 410 01

Hook-on coupler SK-10R8 (R1/8" / 10 mm)

32 410 25

Hook-on coupler SK-16M10 (M10 x 1 / 16 mm)

32 416 05

Hook-on coupler SK-16R8 (R1/8" / 16 mm)

32 416 29

Hook-on coupler SK-22M10 (M10 x 1 / 22 mm)

32 422 06

Hook-on coupler SK-22R8 (R1/8" / 22 mm)

32 422 20

### MATO Grease Gun Couplers

Conical coupler for D-Grease fittings, M10 x 1

32 400 42

Conical couplers for D-Grease fittings, R1/8"

32 400 28

Pointed coupler, M10x1, 2-part

e.g. for

32 400 80

Pointed coupler, R1/8", 2-part

Chainsaws

32 400 66

Universal coupler for K+H Grease fittings, M10 x 1

32 401 41

Universal coupler for K+H Grease fittings, R 1/8"

32 401 03

# safeLOCK





## Delivery Tubes and Injectors

Description	Images and specifications can be subject to change without notice	Part No.
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### Delivery Tubes with Snap-on Coupling

For safe connection of a grease applicator to our hydraulic safety-coupler safeLOCK or to a 4-jaw hydraulic connector by grease connector and sliding connector

Delivery tube with snap-on coupling F12 with universal connector **32 405 30**

Delivery tube with snap-on coupling F14 with universal connector **32 405 54**

Delivery tube with snap-on coupling F17 with hook-on connector SK 10 **32 405 61**

Delivery tube with snap-on coupling F15 with hook-on connector SK 16 **32 405 78**

Delivery tube with snap-on coupling F16 with hook-on connector SK 22 **32 405 85**

Delivery tube with snap-on coupling for driveshafts, tube Ø 8 mm **32 405 92**

### Lube Injector

For injection of oil or grease e.g. into bearings or oil seals

For coupling to our hydraulic safety-coupler safeLOCK or our MATO 4-jaw hydraulic connector

Lube Injector-S with grease fitting **32 408 20**

Lube Injector-D with snap-on coupling **32 408 44**

### E4014 Angled Delivery Tube 150 mm

with universal connector

Delivery tube with universal connector, thread M10 x 1 **32 404 48**

Delivery tube with universal connector, thread R1/8" **32 404 24**

### E4012 Angled Delivery Tube 150 mm

with universal connector

Delivery tube with universal connector, thread M10 x 1 **32 403 49**

Delivery tube with universal connector, thread R1/8" **32 403 25**

### E4024 Angled Delivery Tube 150 mm

with 4-jaw hydraulic connector

Delivery tube with 4-jaw hydraulic connector, thread M10 x 1 **32 402 02**

Delivery tube with 4-jaw hydraulic connector, thread R1/8" **32 402 19**

### Angled Delivery Tube 150 mm

with non-return valve

Item prevents leakage of oil and grease with low viscosity

Delivery tube with 4-jaw hydraulic connector, thread M10x1 **32 402 64**

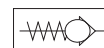
Delivery tube with 4-jaw hydraulic connector, thread R1/8" **32 402 71**

### Delivery Tube Straight 150 mm

with 4-jaw hydraulic connector

Delivery tube with 4-jaw hydraulic connector, thread M10 x 1 **32 406 46**

Delivery tube with 4-jaw hydraulic connector, thread R1/8" **32 406 53**



## High Pressure Hoses

Description	Images and specifications can be subject to change without notice	Part No.
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### MATO High Pressure Nylon Hoses

Multiple braid, h.p. nylon hose  $\varnothing$  9 mm, burst pressure 1.000 bar (14.450 psi), hex. end fittings for safe connection to grease gun

**burst pressure 1.000 bar**

PH-30 <b>300 mm</b> thread M10 x 1 DIN 1283	<b>32 530 04</b>
PH-30 <b>300 mm</b> thread R1/8"	<b>32 530 11</b>
PH-50 <b>500 mm</b> thread M10 x 1 DIN 1283	<b>32 550 08</b>
PH-50 <b>500 mm</b> thread R1/8"	<b>32 550 15</b>

### MATO High Pressure Nylon Hoses

#### with 4-jaw hydraulic connector

Nylon hose as seen above, but includes 4-jaw hydraulic coupler (machined and hardened jaws).

PH-30C <b>300 mm</b> thread M10 x 1 DIN 1283	<b>32 540 01</b>
PH-30C <b>300 mm</b> thread R1/8"	<b>32 540 18</b>
PH-50C <b>500 mm</b> thread M10 x 1 DIN 1283	<b>32 552 06</b>
PH-50C <b>500 mm</b> thread R1/8"	<b>32 552 13</b>

### MATO High Pressure Rubber Hoses

High pressure safety rubber hose  $\varnothing$  13 mm, burst pressure 1.650 bar (23.900 psi), steel wire reinforced, hexagonal end fittings for safe connection to grease gun

RH-30 <b>300 mm</b> thread M10 x 1 DIN 1283	<b>32 560 05</b>
RH-30 <b>300 mm</b> thread R1/8"	<b>32 560 12</b>
RH-50 <b>500 mm</b> thread M10 x 1 DIN 1283	<b>32 570 02</b>
RH-50 <b>500 mm</b> thread R1/8"	<b>32 570 19</b>
RH-100 <b>1 m</b> thread M10 x 1 DIN 1283	<b>32 588 70</b>
RH-100 <b>1 m</b> thread R1/8"	<b>32 589 00</b>

### MATO High Pressure Rubber Hoses

#### with 4-jaw hydraulic coupler

High pressure rubber hose  $\varnothing$  13 mm as seen above, but includes 4-jaw hydraulic coupler (machined and hardened jaws).

RH-30C <b>300 mm</b> thread M10x1 DIN 1283	<b>32 562 03</b>
RH-30C <b>300 mm</b> thread R1/8"	<b>32 562 10</b>
RH-50C <b>500 mm</b> thread M10x1 DIN 1283	<b>32 580 09</b>
RH-50C <b>500 mm</b> thread R1/8"	<b>32 580 16</b>
RH-100C <b>1 m</b> thread M10x1 DIN 1283	<b>32 590 20</b>
RH-100C <b>1 m</b> thread R1/8"	<b>32 590 44</b>

### MATO High Pressure Rubber Hoses 300 mm

#### with hook-on coupler for button head fittings

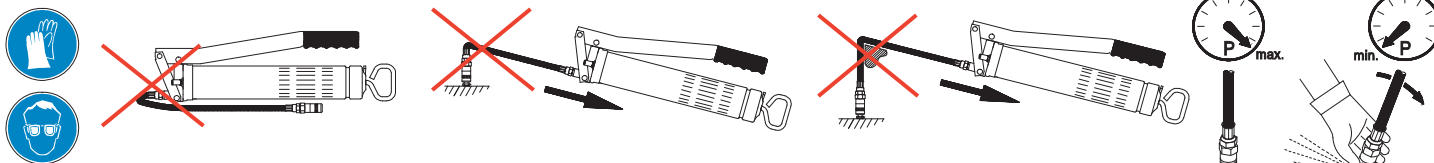
RH-30SK16 300 mm with hook-on coupler, SK-16 M10x1	<b>32 566 78</b>
RH-30SK16 300 mm with hook-on coupler, SK-16 R1/8"	<b>32 566 92</b>

### MATO High Pressure Rubber Hose 300 mm

#### with snap-on coupler and 4-jaw hydr. coupler

RH-30C with 4-jaw hydraulic coupler	<b>32 540 49</b>
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#### Important Safety Advice:



Do never point parts which are under high pressure at individuals, animals or other objects !

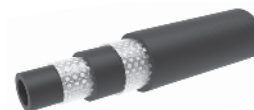
MATO quality lubrication equipment can reach hydraulic pressure rates of up to 1.000 bar (14.450 psi). For safety reasons we strongly recommend the use of our high pressure rubber hose assemblies (double steel wire reinforced) with a burst pressure of 1.650 bar (23.800 psi). Do not bend or twist hoses 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 !**

1.000 bar  
14.450 psi



1.650 bar  
23.900 psi



## Lubrication Accessories

Description	Images and specifications can be subject to change without notice	Part No.
<b>MATO Swivel Joint</b>		
Straight swivel, thread M10 x 1		32 425 10
Straight swivel, thread R1/8"		32 425 34
<b>Angled Adaptor eco</b>		
<b>for 4-jaw hydraulic coupler</b>		
For simple and secure conversion of direction of a 4-jaw hydraulic coupler to a 90 degree angle.		
Lubricate even in confined spaces.		
Angled adaptor eco, thread M10x1		32 450 09
Angled adaptor eco, thread R1/8"		32 450 30
<b>Angled Adaptor deluxe with Straight Swivel</b>		
<b>for 4-jaw hydraulic coupler</b>		
The straight swivel always warrants the correct working position of the 4-jaw hydraulic coupler.		
Angled adaptor deluxe, thread M10x1		32 451 08
Angled adaptor deluxe, thread R1/8"		32 451 46
<b>MATO Filler Nipple / Air Venting Valve</b>		
MATO - combined filler nipple / air venting valve and plug screw for side lever and one handgrease guns, Accu-Greaser and one-hand air operated grease gun		
MATO combined filler nipple/air venting valve ø 9mm DIN 1283		30 990 60
MATO conical filler nipple (Suisse type)		30 991 07
MATO giant filler nipple, ø 15 mm		30 992 06
Plug screw M10x1		30 991 21
<b>Pressure Relief Valve for Grease Guns</b>		
Ideal for use in confined spaces where disconnection of the grease gun coupler is difficult. After the relief valve is opened and the pressure is reduced, the 4-jaw hydraulic coupler can be detached from the grease fitting with ease		
<b>- safe method of disconnection from the grease fitting</b>		
<b>- extended lifetime 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 a steel indicator-ball to show grease movement.		
<b>Please note the flow direction!</b>		
Flow indicator for grease guns, thread M10x1		35 416 68
Flow indicator for grease guns, thread R1/8"		35 416 82
<b>MATO Spring for one hand grease gun</b>		
Spring for one-hand grease guns TG 500, TG Lube-Shuttle® and LS-TG 500		
Spring for TG500 und TG Lube-Shuttle®		30 920 16
<b>Fixing Clip for Grease Guns</b>		
Fixing clip for grease guns and other devices with a tube of 56 mm dia.		
Suitable for universal attachment to the workplace.		
Fixing Clip for Grease Guns		32 460 75
<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 diameter of 56 mm.		
Suitable for universal attachment on magnetic surfaces		
Fixing Clip for Grease Guns with magnetic bracket		32 460 44



## Lubrication Accessories in PoS-Design Retail Packaging

Description	Images and specifications can be subject to change without notice	Part No.
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### MATO High Pressure Nylon Hoses

Multiple braid, h.p. nylon hose  $\varnothing$  9 mm, burst pressure 1.000 bar (14.450 psi), hex. end fittings for safe connection to grease gun  
**burst pressure 1.000 bar**



PoS-design retail package with paper-headcard

PH-30 300 mm thread M10 x 1 DIN 1283	32 531 03
PH-30 300 mm thread R1/8"	32 531 27

### MATO High Pressure Nylon Hoses

#### with 4-jaw hydraulic coupler

Nylon hose as seen above, but includes 4-jaw hydraulic coupler (machined and hardened jaws).



PH-30C 300 mm thread M10 x 1 DIN 1283	32 542 16
PH-30C 300 mm thread R1/8"	32 542 30

### MATO High Pressure Rubber Hoses

High pressure safety rubber hose  $\varnothing$  13 mm, **burst pressure 1.650 bar (23.900 psi), steel wire reinforced**, hexagonal end fittings for safe connection to grease gun



PoS-design retail package with paper-headcard

RH-30 300 mm thread M10 x 1 DIN 1283	32 565 31
RH-30 300 mm thread R1/8"	32 565 48

### MATO High Pressure Rubber Hoses

#### with 4-jaw hydraulic coupler

High pressure rubber hose  $\varnothing$  13 mm as seen above, but includes 4-jaw hydraulic coupler (machined and hardened jaws).



RH-30C 300 mm thread M10x1 DIN 1283	32 565 79
RH-30C 300 mm thread R1/8"	32 565 86

### Grease Gun Accessories Set, 5 pcs.

Includes:

- high pressure nylon hose PH-30,
- safety rubber hose RH-30,
- 4-jaw hydraulic coupler,
- angled delivery tube 150 mm,
- universal coupler for H- und K-Grease fittings,
- pointed coupler for D-fittings

Grease gun accessories set with PH-30C, thread M10x1	32 600 40
Grease gun accessories set with PH-30C, thread R1/8"	32 600 64
Grease gun accessories set with RH-30C, thread M10x1	32 601 49
Grease gun accessories set with RH-30C, thread R1/8"	32 601 63

### E4024 Angled Delivery Tube 150 mm

#### with 4-jaw hydraulic connector

PoS-design retail package with paper-headcard



Delivery tube with 4-jaw hydraulic connector, thread M10 x 1	32 426 02
Delivery tube with 4-jaw hydraulic connector, thread R1/8"	32 426 26

### Delivery Tube, Straight 150 mm

#### with 4-jaw hydraulic connector

PoS-design retail package with paper-headcard



Delivery tube with 4-jaw hydraulic connector, thread M10 x 1	32 427 01
Delivery tube with 4-jaw hydraulic connector, thread R1/8"	32 427 25





## Lubrication Accessories in PoS-Design Retail Packaging

Description	Images and specifications can be subject to change without notice	Part No.
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### Lubrication Accessories Kit

This lubrication accessories kit is a professional supplement to your lubrication equipment. By means of a **quick-coupler** the accessories can rapidly be at- and detached to and from the outlet of your grease applicator.

A quick on-site adaption to the different shapes of greasing points and fittings.

The kit includes

- rigid pipe with conical- and universal coupler
- hook on couplers sizes SK10, SK16, SK22
- Lube injector D
- extension F4020 for drive-shafts
- ISO 7241 B coupler for centralised lubrication reservoirs
- 300 mm safety rubber hose with safeLOCK coupler
- spare 4-jaw coupler, pointed coupler
- a cavity for a spare 400 gr. grease cartridge (cartridge not included)

**New**



Lubrication Accessories Kit **32 470 03**

### MATO 4-Jaw Hydraulic Coupler

Heavy duty quality coupler, DIN 1283, for grease fittings  
DIN 71412, with machined and hardened jaws for optimal sealing and long lifetime, hexagon 15 mm



#### PoS-design retail blister-pack

4-jaw hydraulic coupler-set, 2 pcs, M10 x 1 **32 443 23**  
4-jaw hydraulic coupler-set, 2 pcs., R1/8" **32 443 30**

### MATO Hook-on Couplers f. Button Head Fittings

Hook-on couplers made of steel with metallic seal  
for maximum load and durability



#### PoS-design retail blister-pack

Hook-on coupler-set, 2 pcs, SK-10M10 (M10 x 1 / 10 mm) **32 410 18**  
Hook-on coupler-set, 2 pcs, SK-10R8 (R1/8" / 10 mm) **32 410 32**  
  
Hook-on coupler-set, 2 pcs, SK-16M10 (M10 x 1 / 16 mm) **32 416 12**  
Hook-on coupler-set, 2 pcs, SK-16R8 (R1/8" / 16 mm) **32 416 43**

### MATO Grease Gun Couplers



#### PoS-design retail blister-pack

Conical coupler-set, 2 pcs, for D-Grease fittings, M10 x 1 **32 400 35**  
Conical couplers-set, 2 pcs, for D-Grease fittings, R1/8" **32 400 11**  
  
Pointed coupler-set, 2 pcs, M10x1 **32 399 09**  
Pointed coupler-set, 2 pcs, R1/8" **32 399 23**  
  
Universal coupler-set, 2 pcs, for K+H Grease fittings, M10 x 1 **32 398 00**  
Universal coupler-set, 2 pcs, for K+H Grease fittings, R 1/8" **32 398 24**

### MATO Grease Gun Coupler Set, 4 pcs

Grease Gun Coupler Set includes:

- 4-Jaw Hydraulic Coupler
- Conical coupler
- Pointed coupler
- Universal coupler

Grease Gun Coupler Set, 4 pcs M10x1 **32 448 04**  
Grease Gun Coupler Set, 4 pcs R1/8" **32 448 28**



Push Type Guns for Grease or Oil

Description	Images and specifications can be subject to change without notice	Part No.
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High Pressure Push Type Grease Guns

High pressure push type grease guns, compact size, supplied **with universal and conical couplers**, red protection cap.

PT 40C-2 black powder coated, **with telescopic tube**  
PG 150-2 black powder coated, **with rigid tube**

	PT 40	PG 150
Capacity ccm:	40	150
Max. press. bar/psi:	100	150
ø approx. mm:	32	40
Length mm:	180/230	240
	260	250

High pressure push type gun PT 40C-2, 40 ccm, thread M10x1 **32 604 08**  
High pressure push type gun PG 150-2, 150 ccm, thread M10x1 **32 615 66**

High Pressure Push Gun for Oil/Fluid Grease

Special push type gun for oil, petroleum, aerosols and oil containing additives, black powder coated with rigid tube and piston, pressure capability to 150 bar (2.200 psi). Output 0.5 ccm per stroke with universal and conical coupler with yellow protection cap

Technical specification see PG 150-2

Push type gun PO 150-2 for oil, 150 ccm, M10x1 **32 615 80**

High Pressure Push Type Grease Guns

High pressure push type grease guns, compact size, supplied **with universal and conical coupler**, red protection cap **and telescopic tube**

	PT 80	PT 150	PT 300
Capacity ccm:	80	150	300
Max. press. bar/psi:	200	200	200
ø approx. mm:	37	37	47
Length mm:	150/220	220/350	260/430
Weight g:	290	420	605

Thread: M10x1  
High pressure push type grease gun PT 80 -2, M10x1 **32 608 04**  
High pressure push type grease gun PT 150 -2, M10x1 **32 615 04**  
High pressure push type grease gun PT 300 -2, M10x1 **32 630 03**

Filler Unit for Push Type Grease Guns "PT"

Filler unit for series of push type guns "PT" (with telescopic tube) suitable for use with MATO grease filler pump "eco-FILL"



Filler unit for push type grease guns "PT" **32 650 07**

Push Type Grease Gun, Drip Feed Lubricator

Description	Images and specifications can be subject to change without notice	Part No.
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Push Type Grease Guns PT65 mm

Push-type grease gun PT 65, **with telescopic extension pipe**,  
incl. 1 x 50 g grease bag, packed in plastic bag with headcard.

body made of synthetic material, diameter 31 mm,  
black screw cap,  
filling volume max. 65 ccm,  
pressure ratio 50 bar,  
yield per stroke approx. 0,5 ccm  
max extension 210 – 300 mm  
incl. M10 x 1 universal and pointed coupler with seal-cap



Push type grease gun PT65 plastic incl. 50 g grease bag **32 605 07**

Grease Bag 50 g MULTI basic 2M

Lithium multi- purpose grease , mineral oil base, for universal  
application. Includes anti-oxidants and corrosion inhibitors, and  
polymers to improve adhesion.

Basic data:

Base viscosity: 110 mm² / s (40°C)  
Temperature range: -30 to +120°C (short term to +130°C)  
According to DIN 51502: K2K-30 NLGI Class : 2

Offers good corrosion protection, resistance to oxidation,  
high mechanical stability and high pressure capabilities.



Grease bag 50 g MULTI basic 2M **31 004 38**

Drip Feed Lubricator "Unikum"

Adjustable drip rate, with shut-off valve.  
Reservoirs in plexiglas (types 1-6) and glass (types 7-9)

Replacement reservoirs available upon request



Size 1	1/4"	20 ccm, reservoir diameter	32 mm	<b>32 700 18</b>
Size 2	1/4"	38 ccm, reservoir diameter	40 mm	<b>32 700 25</b>
Size 3	3/8"	70 ccm, reservoir diameter	50 mm	<b>32 700 32</b>
Size 4	3/8"	125 ccm, reservoir diameter	60 mm	<b>32 700 49</b>
Size 5	1/2"	200 ccm, reservoir diameter	70 mm	<b>32 700 56</b>
Size 6	1/2"	315 ccm, reservoir diameter	80 mm	<b>32 700 63</b>
Size 7	3/4"	450 ccm, reservoir diameter	90 mm	<b>32 700 70</b>
Size 8	3/4"	750 ccm, reservoir diameter	100 mm	<b>32 700 87</b>
Size 9	3/4"	875 ccm, reservoir diameter	120 mm	<b>32 700 94</b>

## Grease Nipples in Blister Pack, Stainless Steel Grease Nipples

Description	Images and specifications can be subject to change without notice	Part No.
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### Hydraulic Grease Nipples DIN 71412A MPQ

Quality steel, zinc plated, surface hardened, passivated, packed in sturdy blister pack.

H 1 M 6	AF 7	10	32 800 55
H 1 M 8 x 1	AF 9	10	32 800 93
H 1 M 8 x 1,25	AF 9	10	32 801 16
H 1 M 10 x 1	AF 11	10	32 801 30
H 1 M 10 x 1,5	AF 11	10	32 801 78
H 1 R 1/8"	AF 11	10	32 800 79
H 1 R 1/4"	AF 14	5	32 801 54

### Hydraulic Grease Nipples DIN 71412B

H 2 M 6	AF 9	10	32 820 66
H 2 M 8 x 1	AF 9	10	32 820 80
H 2 M 8 x 1,25	AF 9	10	32 821 27
H 2 M 10 x 1	AF 11	10	32 821 58
H 2 M 10 x 1,5	AF 11	10	32 821 72
H 2 R 1/8"	AF 11	10	32 821 65
H 2 R 1/4"	AF 14	5	32 821 96

### Hydraulic Grease Nipples DIN 71412C

H 3 M 6	AF 9	10	32 835 99
H 3 M 8 x 1	AF 9	10	32 839 33
H 3 M 8 x 1,25	AF 9	10	32 839 95
H 3 M 10 x 1	AF 11	10	32 830 32
H 3 M 10 x 1,5	AF 11	10	32 839 57
H 3 R 1/8"	AF 11	10	32 839 88
H 3 R 1/4"	AF 14	5	32 840 08

### Button-Head Grease Nipple M DIN 3404

M 1 M 8 x 1	AF 17	head-Ø 16 mm	5	32 848 00
M 1 M 10 x 1	AF 17	head-Ø 16 mm	5	32 840 39
M 1 R 1/8"	AF 17	head-Ø 16 mm	5	32 848 86
M 1 R 1/4"	AF 17	head-Ø 16 mm	5	32 849 09
M 4 M 8 x 1	AF 11	head-Ø 10 mm	5	32 848 79
M 4 M 10 x 1	AF 11	head-Ø 10 mm	5	32 840 46

### Plastic Covers for Grease Nipples

Plastic covers for grease nipples according to DIN 71412

Plastic covers <b>red</b> for grease nipples	100	32 861 25
Plastic covers <b>yellow</b> for grease nipples	100	32 861 01

### Grease Nipple Selection MINI

Selection MINI contains 90 pcs. grease nipples, composed of:

H1 20 x M6x1 / 20 x M8x1 / 20 x M10x1

H2 10 x M6x1 / 10 x M8x1 / 10 x M10x1

Grease nipple selection MINI	1	32 800 31
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### Grease Nipple Selection MIDI

Selection MIDI contains 130 pcs. grease nipples, composed of:

H1 10 x M6x1 / 20 x M8x1 / 20 x R1/8" / 20 x M10x1 / 5 x R1/4" / 10 x H1a 6mm / 10 x H1a 8mm

H2 2 x M8x1 / 5 x M10x1 / 5 x R1/8" / 5 x R1/4"

H3 3 x M8x1 / 5 x M10x1 / 5 x R1/8" / 5 x R1/4"

Grease nipple selection MIDI	1	32 800 00
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### Grease Nipple Selection MAXI

Selection MAXI contains 440 pcs. grease nipples, composed of:

H1 80 x M6x1 / 50 x M8x1 / 40 x M10x1 / 40 x R1/8" / 10 x R1/4"

H2 30 x M6x1 / 30 x M8x1 / 20 x M10x1 / 20 x R1/8" / 10 x R1/4"

H3 25 x M6x1 / 25 x M8x1 / 20 x M10x1 / 20 x R1/8" / 10 x R1/4"

M1 10 x M10x1

Grease nipple selection MAXI	1	32 800 24
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Hydraulic grease nipples, zinc plated and surface hardened





## Stainless Steel Hydraulic Grease Nipples

Description	Images and specifications can be subject to change without notice		Part No.
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### Stainless Steel Hydraulic Grease Nipples MPQ

#### DIN 71412A

In **small size** packaging

Material body: 1.4305 / AISI 303 / V2A

H 1 M 6	AF 7	20	<b>32 817 00</b>
H 1 M 8 x 1	AF 9	10	<b>32 819 08</b>
H 1 M 8 x 1,25	AF 9	10	<b>32 819 46</b>
H 1 M 10 x 1	AF11	10	<b>32 812 05</b>
H 1 R 1/8"	AF11	10	<b>32 819 77</b>
H 1 R 1/4"	AF14	5	<b>32 814 96</b>

### Stainless Steel Hydraulic Grease Nipples

#### DIN 71412B

In **small size** packaging

Material body: 1.4305 / AISI 303 / V2A

H 2 M 6	AF 9	20	<b>32 827 07</b>
H 2 M 8 x 1	AF 9	10	<b>32 829 05</b>
H 2 M 10 x 1	AF11	10	<b>32 821 03</b>
H 2 R 1/8"	AF11	10	<b>32 829 67</b>
H 2 R 1/4"	AF14	5	<b>32 825 09</b>

### Stainless Steel Hydraulic Grease Nipples

#### DIN 71412C

In **small size** packaging

Material body: 1.4305 / AISI 303 / V2A

H 3 M 6	AF 9	20	<b>32 837 04</b>
H 3 M 8 x 1	AF 9	10	<b>32 839 02</b>
H 3 M 10 x 1	AF11	10	<b>32 831 00</b>
H 3 R 1/8"	AF11	10	<b>32 839 64</b>
H 3 R 1/4"	AF14	5	<b>32 835 06</b>

### Stainless Steel Hydraulic Grease Nipples

#### DIN 71412A

In **bulk size** packaging

Material body: 1.4305 / AISI 303 / V2A"

H 1 M 6	AF 7	1.000	<b>32 817 17</b>
H 1 M 8 x 1	AF 9	250	<b>32 819 15</b>
H 1 M 8 x 1,25	AF 9	250	<b>32 819 39</b>
H 1 M 10 x 1	AF11	200	<b>32 812 12</b>
H 1 R 1/8"	AF11	200	<b>32 819 84</b>
H 1 R 1/4"	AF14	100	<b>32 815 19</b>

### Stainless Steel Hydraulic Grease Nipples

#### DIN 71412B

In **bulk size** packaging

Material body: 1.4305 / AISI 303 / V2A

H 2 M 6	AF 9	200	<b>32 827 14</b>
H 2 M 8 x 1	AF 9	125	<b>32 829 12</b>
H 2 M 10 x 1	AF11	100	<b>32 821 10</b>
H 2 R 1/8"	AF11	100	<b>32 829 74</b>
H 2 R 1/4"	AF14	50	<b>32 825 16</b>

### Stainless Steel Hydraulic Grease Nipples

#### DIN 71412C

In **bulk size** packaging

Material body: 1.4305 / AISI 303 / V2A

H 3 M 6	AF 9	200	<b>32 837 11</b>
H 3 M 8 x 1	AF 9	125	<b>32 839 19</b>
H 3 M 10 x 1	AF11	100	<b>32 831 17</b>
H 3 R 1/8"	AF11	100	<b>32 839 71</b>
H 3 R 1/4"	AF14	50	<b>32 835 13</b>

Stainless Steel Nipples  
1.4305 / AISI 303 / V2A















## Grease Nipples in Small Pack Quantities











Description	Images and specifications can be subject to change without notice			Part No.
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### Hydraulic Grease Nipples DIN 71412A MPQ











Quality steel, surface hardened,  
galvanized 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>
H 1 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 6 mm		drive fit	200	<b>32 816 87</b>
H 1a 8 mm		drive fit	100	<b>32 818 85</b>











### Hydraulic Grease Nipples DIN 71412B

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 6 mm		AF 9 drive fit	100	<b>32 826 84</b>
H 2a 8 mm		AF 9 drive fit	100	<b>32 828 82</b>







### Hydraulic Grease Nipples DIN 71412C

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 6 mm		AF 9 drive fit	100	<b>32 836 81</b>
H 3a 8 mm		AF 9 drive fit	100	<b>32 838 89</b>

### Button-Head Grease Nipple M DIN 3404

M 1 M 6 x 1		AF17 head-Ø 16 mm	50	<b>32 847 25</b>
M 1 M 8 x 1		AF17 head-Ø 16 mm	50	<b>32 848 17</b>
M 1 M 10 x 1		AF17 head-Ø 16 mm	50	<b>32 840 15</b>
M 1 R 1/8"		AF17 head-Ø 16 mm	50	<b>32 848 31</b>
M 1 R 1/4"		AF17 head-Ø 16 mm	50	<b>32 844 04</b>
M 4 M 8 x 1		AF11 head-Ø 16 mm	100	<b>32 848 55</b>
M 4 M 10 x 1		AF11 head-Ø 16 mm	100	<b>32 840 53</b>
M 22 M 16 x 1,5		AF22 head-Ø 16 mm	50	<b>32 841 07</b>
M 22 R 1/4"		AF22 head-Ø 16 mm	50	<b>32 841 21</b>
M 22 R 3/8"		AF22 head-Ø 16 mm	50	<b>32 841 45</b>

### Flush Type Grease Nipple D DIN 3405

D 1 M 6		AF 7	200	<b>32 856 09</b>
D 1 M 8x1		AF 9	100	<b>32 858 08</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 6 mm		drive fit	200	<b>32 856 47</b>
D 1a 8 mm		drive fit	100	<b>32 858 45</b>















## Grease Nipples in Bulk Pack Quantities











Description	Images and specifications can be subject to change without notice			Part No.
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### Hydraulic Grease Nipples DIN 71412A MPQ











Quality steel, surface hardened,  
galvanized and passivated.

H 1 M 6		AF 7	5000	<b>32 816 18</b>
H 1 M 8 x 1		AF 9	3000	<b>32 818 16</b>
H 1 M 8 x 1,25		AF 9	3000	<b>32 818 30</b>
H 1 M 10 x 1		AF11	2000	<b>32 811 13</b>
H 1 M 10 x 1,5		AF11	1000	<b>32 811 75</b>
H 1 R 1/8"		AF11	2000	<b>32 818 78</b>
H 1 R 1/4"		AF14	1000	<b>32 814 10</b>
H 1 SFG 6 x 1		AF 7 self tapp.thread	5000	<b>32 816 63</b>
H 1 SFG 8 x 1		AF 9 self tapp.thread	3000	<b>32 818 54</b>
H 1 SFG 10 x 1		AF11 self tapp.thread	2000	<b>32 811 37</b>
H 1a 6 mm		drive fit	5000	<b>32 816 94</b>
H 1a 8 mm		drive fit	3000	<b>32 818 92</b>











### Hydraulic Grease Nipples DIN 71412B

H 2 M 6		AF 9	2000	<b>32 826 15</b>
H 2 M 8 x 1		AF 9	2000	<b>32 828 13</b>
H 2 M 8 x 1,25		AF 9	2000	<b>32 828 37</b>
H 2 M 10 x 1		AF11	500	<b>32 820 11</b>
H 2 M 10 x 1,5		AF11	500	<b>32 820 28</b>
H 2 R 1/8"		AF11	500	<b>32 828 75</b>
H 2 R 1/4"		AF14	300	<b>32 824 17</b>
H 2 SFG 6 x 1		AF 9 self tapp.thread	1500	<b>32 826 60</b>
H 2a 6 mm		AF 9 drive fit	1500	<b>32 826 91</b>
H 2a 8 mm		AF 9 drive fit	1500	<b>32 828 99</b>





### Hydraulic Grease Nipples DIN 71412C

H 3 M 6		AF 9	2000	<b>32 836 12</b>
H 3 M 8 x 1		AF 9	2000	<b>32 838 10</b>
H 3 M 8 x 1,25		AF 9	2000	<b>32 838 34</b>
H 3 M 10 x 1		AF11	500	<b>32 830 18</b>
H 3 M 10 x 1,5		AF11	500	<b>32 830 25</b>
H 3 R 1/8"		AF11	500	<b>32 838 72</b>
H 3 R 1/4"		AF14	300	<b>32 834 14</b>
H 3 SFG 6 x 1		AF 9 self tapp.thread	1500	<b>32 836 67</b>
H 3a 6 mm		AF 9 drive fit	1500	<b>32 836 98</b>
H 3a 8 mm		AF 9 drive fit	1500	<b>32 838 96</b>

### Button-Head Grease Nipple M DIN 3404

M 1 M 6 x 1		AF17 head-Ø 16 mm	500	<b>32 847 32</b>
M 1 M 8 x 1		AF17 head-Ø 16 mm	500	<b>32 848 24</b>
M 1 M 10 x 1		AF17 head-Ø 16 mm	500	<b>32 840 22</b>
M 1 R 1/8"		AF17 head-Ø 16 mm	500	<b>32 848 48</b>
M 1 R 1/4"		AF17 head-Ø 16 mm	500	<b>32 844 11</b>
M 4 M 8 x 1		AF11 head-Ø 10 mm	2000	<b>32 848 62</b>
M 4 M 10 x 1		AF11 head-Ø 10 mm	500	<b>32 840 60</b>
M 22 M 16 x 1,5		AF22 head-Ø 22 mm	1000	<b>32 841 14</b>
M 22 R 1/4"		AF22 head-Ø 22 mm	1000	<b>32 841 38</b>
M 22 R 3/8"		AF22 head-Ø 22 mm	1000	<b>32 841 52</b>

### Flush Type Grease Nipple D DIN 3405

D 1 M 6		AF 7	500	<b>32 856 16</b>
D 1 M 8x1		AF 9	500	<b>32 858 14</b>
D 1 M 10 x 1		AF11	500	<b>32 850 29</b>
D 1 R 1/8"		AF11	500	<b>32 858 38</b>
D 1a 6 mm		drive fit	1000	<b>32 856 54</b>
D 1a 8 mm		drive fit	500	<b>32 858 52</b>



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## Metal Oil Cans, Premium Oilers and Fluid Atomizers

Description	Images and specifications can be subject to change without notice	Part No.
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### Metal Oil Cans with Rigid and Flexible Spout

#### with metal pump mechanism

Steel body, red paint finish, brass pump mechanism, exchangeable spouts (rigid and flexible)



Metal oil can, approx. 300 ccm (flexible and rigid spout)

**33 024 50**

Metal oil can, approx. 500 ccm (flexible and rigid spout)

**33 045 60**



### PREMIUM Oiler HDPE

#### with Swivel Suction Pipe

High-grade oiler for professional use in all maintenance and service areas.  
Containers made of HDPE, fluid level is visible.

High-quality nickel-plated double pump mechanism with angled, rotating swivel.

**Oiling** is possible in **any position**.



**New Design  
2023**

PREMIUM oiler HDPE 300 ccm

**33 080 70**

PREMIUM oiler HDPE 500 ccm

**33 081 00**



### PREMIUM Oiler INOX

#### with Swivel Suction Pipe

High-grade oiler for professional use in all maintenance and service areas.  
Containers made of **stainless steel**.

High-quality nickel-plated double pump mechanism with angled, rotating swivel.

**Oiling** is possible in **any position**.



**New Design  
2023**

PREMIUM oiler INOX 300 ccm

**33 090 60**

PREMIUM oiler INOX 500 ccm

**33 091 07**



### PREMIUM Fluid Atomizer HDPE

#### with Swivel Suction Pipe

High-grade atomizer for professional use in all maintenance and service areas.  
Containers made of HDPE, fluid level is visible.

High-quality nickel-plated double pump mechanism with angled, rotating swivel.

**Atomizing** thin oils, petroleum and other fluids is possible in **any position**.



**New Design  
2023**

PREMIUM fluid atomizer HDPE 300 ccm

**33 084 45**

PREMIUM fluid atomizer HDPE 500 ccm

**33 085 06**



### PREMIUM Fluid Atomizer INOX

#### with Swivel Suction Pipe

High-grade atomizer for professional use in all maintenance and service areas.  
Containers made of **stainless steel**.

High-quality nickel-plated double pump mechanism with angled, rotating swivel.

**Atomizing** thin oils, petroleum and other fluids is possible in **any position**.



**New Design  
2023**

PREMIUM fluid atomizer INOX 300 ccm

**33 094 28**

PREMIUM fluid atomizer INOX 500 ccm

**33 095 03**



Pump Sprayer, Plastic-Oil Measures and Oilers

Description	Images and specifications can be subject to change without notice	Part No.
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Pump Sprayer 750 ml

Made of polythene, suitable for various chemicals, i.e. detergents, solvents and cleaning agents, spray head with adjustable and lockable nozzle

Pump sprayer 750 ml with plastic nozzle	33 096 40
Pump sprayer 750 ml with brass nozzle	33 098 17

Industrial Pump Sprayer

Industrial pump sprayer made of polythene with pressure relief valve, suitable for various chemicals e.g. detergents, solvents and cleaning agents, spray head with adjustable and lockable brass nozzle, equipped with **VITON seals**.

Industrial pump sprayer 1 litre	33 098 00
Industrial pump sprayer 2 litre	33 098 48

Oil Spray Can

Transparent polythene container (SK-PE)

Type SK-PE 125 with cap	capacity: 125 ccm	33 412 51
Type SK-PE 250 with cap	capacity: 250 ccm	33 425 00
Type SK-PE 250 with cap	capacity: 250 ccm	33 450 06

Oil Dispenser

Transparent oiler made of polyethylene

Mini oiler 75 ccm with spout and cap	33 410 08
Plastic oiler 250 ccm with spout and cap	33 410 77
Mini oiler 75 ccm with brass outlet and pipe	33 410 22

Universal Sprayer

Spray flask for various fluids, e.g. distilled water, made of polyethylene, angled plastic spout

Universal sprayer UNI-PE 500	500 ccm	33 405 20
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Plastic-Oil Measures, Jugs and Funnels

Description	Images and specifications can be subject to change without notice		Part No.
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<b>Plastic Oil Measuring Jug, Graduated</b>	<b>MPQ</b>
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Transparent polypropylene with handle  
spout and scale in ml.  
**Pack quantities (MPQ) subject to change without notice.**

Typ J-PP	25	0,25 litre	24	<b>33 300 64</b>
Typ J-PP	50	0,50 litre	24	<b>33 300 02</b>
Typ J-PP	100	1,00 litre	15	<b>33 300 19</b>
Typ J-PP	200	2,00 litre	7	<b>33 300 26</b>
Typ J-PP	300	3,00 litre	5	<b>33 300 33</b>
Typ J-PP	500	5,00 litre	8	<b>33 300 57</b>

<b>Plastic Oil Measuring Jugs Set</b>
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Plastic oil measuring jugs set, type J-PP  
packed in sealed plastic bag

Type J-PP	0,5 + 1,0 + 2,0 litre in sealed plastic bag	12	<b>33 300 71</b>
Type J-PP	1,0 + 2,0 + 5,0 litre in sealed plastic bag	8	<b>33 300 88</b>

<b>Polythene Oil Measure</b>
------------------------------

**with dust protection lid and flexible spout**

Made of high grade polythene, white, heavy duty with  
dust protection screw cap and flexible,  
removeable spout with cap.  
Fluids are protected against the ingress of pollutants  
and the cap prevents drips or spillages.

Typ J-PE 1000	1,00 litre	5	<b>33 200 10</b>
Typ J-PE 2000	2,00 litre	6	<b>33 200 27</b>
Typ J-PE 5000	5,00 litre	4	<b>33 200 58</b>

<b>Polythene Oil Measure Set</b>
----------------------------------

**with dust protection lid and flexible spout**

Plastic oil measuring set, type J-PE,  
1,0 + 2,0 + 5,0 litre,  
packed in sealed plastic bag and cardboard box.

Polythene oil measure set Typ J-PE	1	<b>33 200 72</b>
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<b>Plastic Funnel with Strainer</b>
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Plastic funnel made of heavy duty polythene  
**with screw-on flexible spout**

Plastic funnel F-HDPE 190	6	<b>33 518 09</b>
Plastic funnel F-HDPE 240	4	<b>33 522 02</b>

<b>Flexible Spout</b>
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Flexible spout for PE-oil-measure type J-PE  
and for plastic funnel with strainer type F-HDPE

Flexible spout for type J-PE 1000+2000 and type F-HDPE 190	1	<b>33 201 02</b>
Flexible spout for type J-PE 5000 and type F-HDPE 240	1	<b>33 201 26</b>



## Plastic Funnels

Description	Images and specifications can be subject to change without notice		Part No.
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### Plastic Funnel without Strainer MPQ

Standard range with all popular sizes  
for use in all industries.  
Material: PP

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>

### Plastic Funnel with Strainer

Item as described above,  
with removable strainer.

Plastic funnel FS-PP 160 with strainer	ø 160 mm	10	<b>33 516 18</b>
Plastic funnel FS-PP 235 with strainer	ø 235 mm	6	<b>33 524 17</b>

### Plastic Funnel Set

Plastic funnel set F-PP,  
oil, petrol and acid-resistant with suspension eye.

A 6-piece set includes one removable strainer  
for a Ø 160 mm funnel

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>

### Plastic Funnel with Detachable Spout

Plastic Funnel, red, with strainer and flexible screw-on  
detachable spout.

Plastic funnel FS-PP-F160 (ø 160 mm), with spout	10	<b>33 516 70</b>
Plastic funnel FS-PP-F235 (ø 235 mm), with spout	6	<b>33 523 01</b>

### Flexible Spout for Plastic Funnel

Flexible spout for plastic funnel

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>

### Oil Can Funnel

Useful oil can funnel with Ø 115 mm,  
made of polyethylene

Oil can funnel F-OC with Ø 115 mm	10	<b>33 516 94</b>
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### Plastic Funnel with Flap Lid

Plastic funnel with stainless steel strainer  
and lockable flap lid.  
Suitable for waste oil and chemical disposal  
Material: PP  
Diameter: 250 mm

Thread: R2" and 2" TriSure, male

Funnel FSC-PP-250 (ø 250 mm) with flap lid	1	<b>33 517 00</b>
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## Tin Plate Oil Measures and Funnels

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



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## Manual Filler Pumps for Grease Guns and Accessories

Description	Images and specifications can be subject to change without notice	Part No.
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### Grease Gun Filler Pump ecoFILL-standard

Grease transfer pump includes a standard pail/drum lid (three radial thumb screws) and a follower plate.

Economic & clean filling of grease guns.

**Suitable for grease NLGI 000 - 2**

**(Grease gun not included)**

ecoFILL 5-s for 5 kg pails, inner-Ø 165 - 200 mm	<b>33 805 02</b>
ecoFILL 10-s for 10 kg pails, inner-Ø 215 - 230 mm	<b>33 810 04</b>
ecoFILL 15-s for 15 kg pails, inner-Ø 255 - 282 mm	<b>33 815 16</b>
ecoFILL 18-s for 18/20 kg pails, inner-Ø 265 - 285 mm*	<b>33 818 06</b>
ecoFILL 20-s for 18/20 kg pails, inner-Ø 285 - 305 mm	<b>33 818 13</b>
ecoFILL 25-s for 25 kg pails, inner-Ø 300 - 335 mm	<b>33 825 06</b>
ecoFILL 50-s for 50 kg pails, inner-Ø 355 - 387 mm	<b>33 850 02</b>
ecoFILL200-s for 200 kg drums, inner-Ø 550 - 590 mm	<b>33 854 08</b>

### Grease Gun Filler Pump ecoFILL-deluxe

Grease transfer pump includes a self-centering pail lid (special mechanism supports exact centred position of the pump) and a follower plate.

The most efficient and professional method of filling grease guns.

**Suitable for grease NLGI 000 - 2**

**(Grease gun not included)**

ecoFILL 10-d for 10 kg pails, inner-Ø 215 - 230 mm	<b>33 810 28</b>
ecoFILL 15-d for 15 kg pails, inner-Ø 255 - 282 mm	<b>33 815 30</b>
ecoFILL 18-d for 18/20 kg pails, inner-Ø 265 - 285 mm*	<b>33 818 20</b>
ecoFILL 20-d for 18/20 kg pails, inner-Ø 285 - 305 mm	<b>33 820 32</b>
ecoFILL 25-d for 25 kg pails, inner-Ø 300 - 335 mm	<b>33 825 20</b>
ecoFILL 50-d for 50 kg pails, inner-Ø 355 - 387 mm	<b>33 850 26</b>

### Grease Gun Filler Pump ecoFILL-deluxe "JOKEY"

#### for 18/20 kg JOKEY plastic pail

Item as described above,

includes self-centering pail lid with special claws to fit and secure grip on the JOKEY pail (Jet 2000).

**(Grease gun not included)**

ecoFILL 18-d for 18/20 kg JOKEY plastic-pail	<b>33 817 07</b>
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### Wheel Bearing Packer for ecoFILL Pump

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	<b>33 790 70</b>
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### Angled Filler Tube for ecoFILL Pump

Angled filler pipe to fit to ecoFILL transfer pumps. Connects to filler nipple/air venting valve Ø 9 mm, in accordance with DIN 1283, R 1/4" male thread.

Angled filler tube for ecoFILL, thread R 1/4"	<b>33 901 50</b>
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## Manual Filler Guns and Accessories for Centralized Lubrication Systems

Description	Images and specifications can be subject to change without notice	Part No.
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### MATO Filler Gun FP500

MATO Filler Gun FP500, painted  
**fits for 400 g Pull-Off-Cartridges**  
 or 500 g bulk fill, without connecting plug

MATO Filler Gun FP500 **34 602 28**



### MATO Filler Gun FP500-S

MATO Filler Gun FP500-S, painted  
**fits for 400 g Pull-Off-Cartridges**  
 or 500 g bulk fill, **with** connecting plug (spigot type)

MATO Filler Gun FP500-S **34 602 42**

### MATO Filler Gun FP600-S

MATO Filler Gun FP500-S, painted  
**fits for 400 and 500 g Pull-Off-Cartridges**  
 or 600 g bulk fill, **with** connecting plug (spigot type)



MATO Filler Gun FP600-S **34 602 59**

### MATO Filler Gun FP600-S-LS

MATO Filler Gun FP600-S-LS, painted  
**fits for 400 g Lube-Shuttle@-, 400, 500 and 550 g Pull-Off Cartridges** or 600 g bulk fill, **with** connecting plug (spigot type)



MATO Filler Gun FP600-S-LS **34 602 80**

### MATO Filler Gun Lube-Shot 500-S

MATO Filler Gun Lube-Shot 500-S  
**fits for 400 g Pull-Off-Cartridges**  
 or 500 g bulk fill, **with** connecting plug (spigot type)



MATO Filler Gun Lube-Shot 500-S **34 604 02**

### Connector plug M26 x 1,5 including protective cap

Connector plug (spigot type) M26 x 1,5, with protective cap, for MATO filler guns. Fits the standard fill-connectors of centralised lubrication system grease reservoirs. The version with 1/4" female thread can be used to, e.g., re-fill single-point-lubricators.

Connector plug M26 x 1,5 including protective cap **33 902 66**

Connector plug M26 x 1,5 incl. protective cap and 1/4" female thread **33 903 34**



### Connection unit for Centralized Lubrication Systems

Fill-connector for centralized lubrication system grease reservoirs. Fits the standard spigot type filler guns, incl. sealing and screwable protective cap

Connection unit for Centralized Lubrication Systems M20 x 1,5 **33 902 73**

Connection unit for Centralized Lubrication Systems M22 x 1,5 **33 902 97**

Connection unit for Centralized Lubrication Systems 3/4"-16 UNF **33 903 03**





## Manual Filler Pumps for Centralised Lubrication Systems

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Filler Pump centraFILL-standard

Grease transfer pump for the filling of centralised lubrication system grease reservoirs, includes a standard pail/drum lid (three radial thumb screws), a follower plate and PVC hose, length 2,0 m, with quick release coupling according to ISO-Norm 7241B DN6/1/4".

**Suitable for grease NLGI 000 - 2**

centraFILL 5-s for 5 kg pails, inner-Ø 165 - 200 mm	<b>33 805 40</b>
centraFILL 10-s for 10 kg pails, inner-Ø 215 - 230 mm	<b>33 810 42</b>
centraFILL 15-s for 15 kg pails, inner-Ø 255 - 282 mm	<b>33 815 54</b>
centraFILL 18-s for 18/20 kg pails, inner-Ø 265 - 285 mm*	<b>33 818 44</b>
centraFILL 20-s for 18/20 kg pails, inner-Ø 285 - 305 mm	<b>33 818 51</b>
centraFILL 25-s for 25 kg pails, inner-Ø 300 - 335 mm	<b>33 825 44</b>
centraFILL 50-s for 50 kg pails, inner-Ø 355 - 387 mm	<b>33 850 40</b>

#### Filler Pump centraFILL-deluxe

Grease transfer pump for the filling of centralised lubrication system grease reservoirs, includes a self-centering pail lid (special mechanism supports exact centred position of the pump), a follower plate and a PVC hose, length 2,0 m, with quick release coupling according to ISO-Norm 7241B DN6/1/4".

**Suitable for grease NLGI 000 - 2**

centraFILL 10-d for 10 kg pails, inner-Ø 215-230 mm	<b>33 810 66</b>
centraFILL 15-d for 15 kg pails, inner-Ø 255-282 mm	<b>33 815 78</b>
centraFILL 18-d for 18/20 kg pails, inner-Ø 265-285 mm*	<b>33 818 68</b>
centraFILL 20-d for 18/20 kg pails, inner-Ø 285-305 mm	<b>33 818 75</b>
centraFILL 25-d for 25 kg pails, inner-Ø 300-335 mm	<b>33 825 68</b>
centraFILL 50-d for 50 kg pails, inner-Ø 355 - 387 mm	<b>33 850 64</b>

#### Filler Pump centraFILL-deluxe "JOKEY"

##### for 18/20 kg JOKEY plastic pail

Item as described above, includes self-centering pail lid with special claws to fit and secure grip on the JOKEY pail (Jet 2000).

centraFILL 18-d for 18/20 kg JOKEY plastic pail	<b>33 817 38</b>
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#### Filler Pump centraFILL-M mobile

Item as described above, but mounted to a trolley for grease pails up to 50 kg. Dust cover in basic version, without screws or self-centering mechanism, rests on upper pail edge.

centraFILL 15-M for 15 kg pails, inner-Ø 255-282 mm	<b>33 816 08</b>
centraFILL 18-M for 18/20 kg pails, inner-Ø 265-285 mm*	<b>33 819 05</b>
centraFILL 20-M for 18/20 kg pails, inner-Ø 285-305 mm	<b>33 819 12</b>
centraFILL 25-M for 25 kg pails, inner-Ø 300-335 mm	<b>33 826 05</b>
centraFILL 50-M for 50 kg pails, inner-Ø 355-387 mm	<b>33 851 01</b>



## Pneumatic Filler Pumps and Accessories

### Description

Images and specifications can be subject to change without notice

### Part No.

### Pneumatic Filler Pump pneuMATO-fill

Pneumatic grease transfer pump, suitable for high viscosity oils, i.e. tacky chain lubricants, and for Grease NLGI 000 -2

**Please note: pump not suitable for high pressure applications !**

#### Technical data :

Output at 8 bar (115 psi) air pressure: approx. **4.000 g per min.**

(Multi purpose grease NLGI 2 at 20° C).

Pressure capability approx. 24 bar (330 psi), pump gear ratio 1:3, outlet thread 1/2"

Pump for 10-25 kg grease pails, suction tube 525 mm

**33 725 45**

Pump for 50 kg grease pails, suction tube 790 mm

**33 750 41**

Pump for 200 kg grease drums, suction tube 940 mm

**33 720 26**

Pump for 1000 l tank, suction tube 1490 mm

**33 720 40**

### Pneumatic Filler Pump pneuMATO-fill, stationary

Grease pump as described above, for the filling of centralised lubrication system reservoirs, equipped with QR coupler.

The assembly consists of a pneumatic pump, 2 m hose DN12(1/2") with quick release coupling (ISO-Norm 7241B DN6 / 1/4"), follower plate and self centering pail lid.

#### Technical data see above

pneuMATO-fill-10-d for 10 kg pails, inner-Ø 215-230 mm

**33 710 12**

pneuMATO-fill-15-d for 15 kg pails, inner-Ø 255-282 mm

**33 715 24**

pneuMATO-fill-18-d for 18/20 kg pails, inner-Ø 265-285 mm\*

**33 720 71**

pneuMATO-fill-20-d for 18/20 kg pails, inner-Ø 285-305 mm

**33 720 57**

pneuMATO-fill-25-d for 25 kg pails, inner-Ø 300-335 mm

**33 725 21**

pneuMATO-fill-50-d for 50 kg pails, inner-Ø 355-387 mm

**33 750 10**

pneuMATO-fill-200-d for 200 kg drums, inner-Ø 550-590 mm

**33 720 02**

### Pneumatic Filler Pump pneuMATO-fill, stationary

#### for 18/20 kg JOKEY plastic pail

Item as described above, includes self-centering pail lid with special claws to fit and secure grip on the JOKEY pail (Jet 2000).

pneuMATO-fill-18-d for 18/20 kg JOKEY plastic pail

**33 721 18**

### Pneumatic Filler Pump pneuMATO-fill, mobile

Item as described above, but mounted to a trolley for grease pails up to 50 kg. Dust cover in basic version, without screws or self-centering mechanism, rests on upper pail edge.

#### Technical data see above

pneuMATO-fill-15-m for 15 kg pails, inner-Ø 255-282 mm

**33 715 93**

pneuMATO-fill-18-m for 18/20 kg pails, inner-Ø 265-285 mm\*

**33 720 95**

pneuMATO-fill-20-m for 18/20 kg pails, inner-Ø 285-305 mm

**33 721 01**

pneuMATO-fill-25-m for 25 kg pails, inner-Ø 300-335 mm

**33 725 90**

pneuMATO-fill-50-m for 50 kg pails, inner-Ø 355-387 mm

**33 750 89**

### DIGIMET E35

#### Electronic Inline Flow Meter

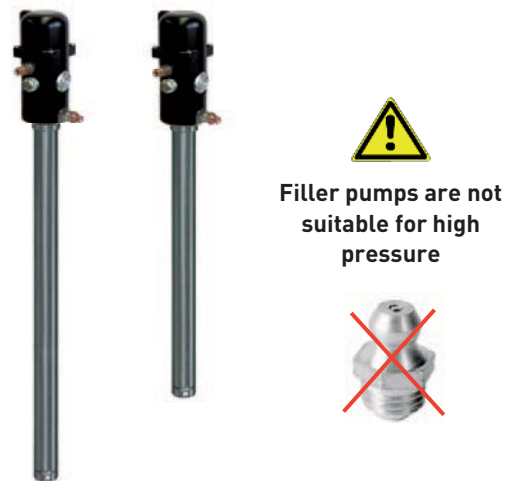
Can be fitted to pneuMATO-fill equipment.

After calibration, the dispensed grease volume is displayed.

Ideal for controlling the filling of Lube-Shuttle cartridges, thread 1/2" male / 1/2" swivel nuts.

DIGIMET E35 inline flow meter

**35 410 19**



It is important that all pneumatic pumps are operated with an air management system: see part no. 39 902 20, page 53



## Grease Follower Plates and Pail/Drum Covers

### Description

Images and specifications can be subject to change without notice

### Part No.

### Grease Follower Plates

for eco-/centraFILL, Bucket-Greaser, pneuMATO 55, pneuMATO 75 and pneuMATO-fill, suitable for suction tube Ø 40 mm

**Recommended pail size by ELGI:**  
(European Lubricating Grease Institute)  
18 kg Keg \*

	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 18	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>

### Adaptor Set, 5 Units, for Suction Tubes Ø 40 mm

Diameter reducers to adapt suction tubes-Ø 26, 28, 30, 32 and 35 mm to MATO lid and follower plate 40 mm hole-diameter

Adaptor-set, 5 units, diameter reducers

**33 791 55**

### Pail Lid

Designed for mobile units of pail mounted grease transfer and greasing equipment, fits manual and pneumatic grease pumps. Powder coated steel.

Cover M 10-18	310 mm for pails with outer Ø 225-305 mm	<b>33 962 20</b>
Cover M 20-25	365 mm for pails with outer Ø 280-360 mm	<b>33 962 44</b>
Cover M 50	435 mm for pails with outer Ø 350-430 mm	<b>33 962 68</b>

### Pail/Drum Lid - S

Standard lid for static pail mounted grease transfer and greasing equipment, fits manual and pneumatic grease pumps, suction tube Ø 40 mm, equipped with 3 thumb screws.

Lid S 5	220 mm for pails with outer Ø 188-210 mm	<b>33 960 08</b>
Lid S 10-18	310 mm for pails with outer Ø 225-300 mm	<b>33 960 22</b>
Lid S 20-25	365 mm for pails with outer Ø 280-355 mm	<b>33 960 46</b>
Lid S 50	435 mm for pails with outer Ø 350-425 mm	<b>33 960 60</b>
Lid S 200	675 mm for drums with outer Ø 570-625 mm	<b>33 960 84</b>

### Self-Centering Pail Lid- D

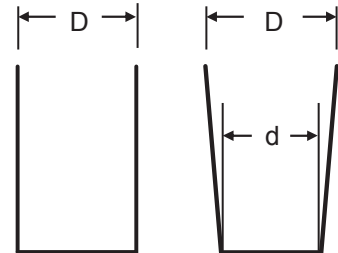
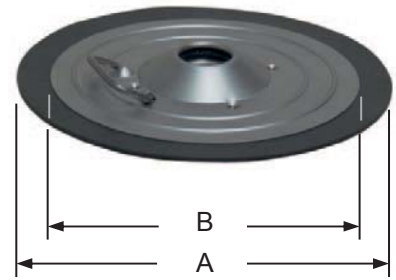
Deluxe lid for static pail mounted grease transfer and greasing equipment, fits manual and pneumatic grease pumps, suction tube Ø 40 mm, equipped with self centering mechanism.

Lid D 10-15	310 mm for pails with outer Ø 225-295 mm	<b>33 961 38</b>
Lid D 18-25	365 mm for pails with outer Ø 280-350 mm	<b>33 961 52</b>
Lid D 50	435 mm for pails with outer Ø 350-420 mm	<b>33 961 76</b>

### Special Self Centering Pail Lid - D

Deluxe lid for static pail mounted grease transfer and greasing equipment, fits manual and pneumatic grease pumps, suction tube Ø 40 mm, equipped with self centering mechanism. Suitable for: **JOKEY Jet 2000 / JOKEY Jet 125 / Polipa 20L / ROPAC)**

Pail lid D 18/20	365 mm for JOKEY - Jet 2000	<b>33 961 45</b>
Pail lid D 10/15	310 mm for JOKEY - Jet 125	<b>33 961 14</b>
Pail lid D 18/20	365 mm for POLIPA 20 L	<b>33 961 90</b>
Pail lid D 18/20	365 mm for ROPAC	<b>33 961 21</b>

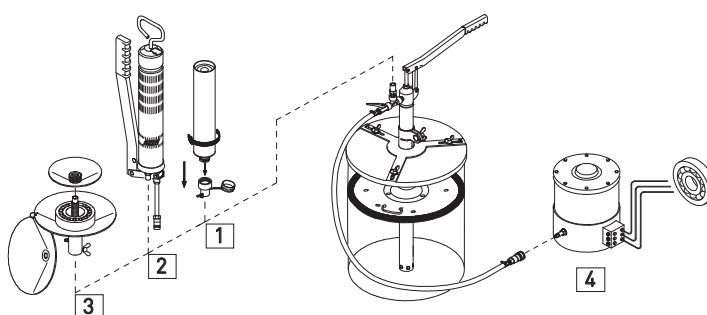


## Pumps ecoFILL, centraFILL, Accessories for Transfer Pumps

Description	Images and 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		33 900 51
Pump ecoFILL for 10/25 kg, suction tube length 535 mm		33 900 68
Pump ecoFILL for 50 kg, suction tube length 800 mm		33 900 75
<b>centraFILL-Pump with Spout</b>		
Suction tube - Ø 40 mm		
Pump centraFILL for 5 kg, suction tube length 395 mm		33 901 05
Pump centraFILL for 10/25 kg, suction tube length 535 mm		33 901 12
Pump centraFILL for 50 kg, suction tube length 800 mm		33 901 29
<b>Hose 2 metres for centraFill Filler Pumps</b>		
Hose DN12 (1/2") for centraFill units, includes hydraulic quick release coupling according to ISO-Norm 7241B DN6 / 1/4" and a ball valve.		
Hose 2 meters with quick release coupling		33 900 37
<b>Combined Filler Pump Adaptor for ecoFILL- and centraFILL Equipment</b>		
Adaptor to fill grease guns, Lube-Shuttle® cartridges (see refill adaptor, page 9) or centralised lubrication system grease reservoirs.		
Transfer pump adaptor, manual pump		33 900 13
<b>Hose with Quick Release Coupling for pneuMATO-fill pump</b>		
Hose DN12 (1/2") for pneuMATO-fill units, includes hydraulic quick release coupling according to ISO-Norm 7241B DN6 / 1/4" and a ball valve.		
Hose 2 meters with ball valve for pneuMATO-fill		33 900 20
Hose 4 meters with ball valve for pneuMATO-fill		33 903 10
<b>Filler Pump Adaptor for pneuMATO-fill</b>		
Transfer pump adaptor for pneumatic pumps which allows to choose between filling of grease guns (with filler nipple), Lube-Shuttle® cartridges (see refill adaptor, page 9) or centralised lubrication system grease reservoirs. Operation mode selected by ball valve.		
Transfer pump adaptor, pneumatic pump		33 900 06
<b>Accessories for centraFILL- pneuMATO-fill</b>		
Double ended connector 3/8" - 1/4" male		39 914 87
Double ended connector 1/4" - 1/4" male		39 914 49
Reducing connector M10x1 - 1/4" male		39 910 43
QR connector (plug) 1/4" fem. ISO 7241B DN6/1/4"		33 902 28
QR connector (socket) with hose tail, ISO as above		33 902 42
Angled filler tube with plug		33 901 74



### 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
4. Centralised lubrication system with Q





# mato



## High Pressure Lubrication Equipment, Pneumatic

### Description

Images and specifications can be subject to change without notice

### Part No.

#### pneuMATO 55 Grease Pump without Accessories

Pressure ratio 55:1, free delivery approx. **1.100 g/min.**,  
maximum working pressure 425 bar (6.150 psi),  
grease outlet thread 1/4", suction tube Ø 40 mm.

**Suitable for grease NLGI 000 - 2**

**version  
2023**

pneuMATO 55 grease pump for 10-25 kg pails, suction tube 495 mm **34 102 54**

pneuMATO 55 grease pump for 50 kg pails, suction tube 690 mm **34 102 78**

pneuMATO 55 grease pump for 200 kg drums, suction tube 885 mm **34 102 92**

#### pneuMATO 55 Grease Pump Unit, stationary

##### with 3,5 m high pressure rubber hose DN6, R1/4"

Air operated greasing pump, outlet thread R1/4",  
3.5 m high pressure safety rubber hose DN 6 (R1/4"),  
high pressure grease control valve with straight swivel  
and rigid tube with 4-jaw hydraulic coupler, grease follower  
plate and pail/drum lid -S, equipped with 3 thumb screws.

pneuMATO 55, stationary for 10 kg pails, inner-Ø 215-230 mm **34 103 60**

pneuMATO 55, stationary for 15 kg pails, inner-Ø 255-282 mm **34 104 69**

pneuMATO 55, stationary for 18/20 kg pails, inner-Ø 265-285 mm\* **34 105 68**

pneuMATO 55, stationary for 18/20 kg pails, inner-Ø 285-305 mm **34 105 75**

pneuMATO 55, stationary for 25 kg pails, inner Ø 300-335 mm **34 106 67**

pneuMATO 55, stationary for 50 kg pails, inner Ø 355-387 mm **34 107 66**

pneuMATO 55, stationary for 200 kg drums, inner Ø 550-590 mm **34 107 80**

#### pneuMATO 55 Grease Pump Unit, stationary

##### with 6,5 m high pressure rubber hose DN6, R1/4"

Item as described above,

**but equipped with 6,5 m high pressure rubber safety hose DN6,  
fitting thread R1/4".**

pneuMATO 55, stationary for 10 kg pails, inner-Ø 215-230 mm **34 103 77**

pneuMATO 55, stationary for 15 kg pails, inner-Ø 255-282 mm **34 104 83**

pneuMATO 55, stationary for 18/20 kg pails, inner-Ø 265-285 mm\* **34 105 82**

pneuMATO 55, stationary for 18/20 kg pails, inner-Ø 285-305 mm **34 106 36**

pneuMATO 55, stationary for 25 kg pails, inner Ø 300-335 mm **34 106 81**

pneuMATO 55, stationary for 50 kg pails, inner Ø 355-387 mm **34 107 42**

pneuMATO 55, stationary for 200 kg drums, inner Ø 550-590 mm **34 109 71**

#### pneuMATO 55 Grease Pump Unit, stationary

##### with 10 m high pressure rubber hose DN6, R1/4"

Item as described above,

**but equipped with 10 m high pressure rubber safety hose DN6,  
fitting thread R1/4".**

pneuMATO 55, stationary for 10 kg pails, inner-Ø 215-230 mm **34 103 84**

pneuMATO 55, stationary for 15 kg pails, inner-Ø 255-282 mm **34 104 90**

pneuMATO 55, stationary for 18/20 kg pails, inner-Ø 265-285 mm\* **34 105 99**

pneuMATO 55, stationary for 18/20 kg pails, inner-Ø 285-305 mm **34 106 43**

pneuMATO 55, stationary for 25 kg pails, inner Ø 300-335 mm **34 106 98**

pneuMATO 55, stationary for 50 kg pails, inner Ø 355-387 mm **34 107 59**

pneuMATO 55, stationary for 200 kg drums, inner Ø 550-590 mm **34 109 88**

#### pneuMATO 55 Grease Pump Unit, stationary

##### for 18/20 kg JOKEY plastic pail

Item as described above,

but includes self-centering pail lid with special claws  
to fit and secure grip on the JOKEY pail (Jet 2000).

pneuMATO 55, stationary "JOKEY" with 3,5 m hose **34 106 05**

pneuMATO 55, stationary "JOKEY" with 6,5 m hose **34 106 12**

pneuMATO 55, stationary "JOKEY" with 10 m hose **34 106 29**



It is important that all pneumatic  
pumps are operated with an  
air management system:  
see part no. 39 902 20, page 53



## High Pressure Lubrication Equipment, Pneumatic

### Description

Images and specifications can be subject to change without notice

### Part No.

#### pneuMATO 55 Grease Pump Unit, mobile with 3,5 m high pressure rubber hose DN6

Air operated greasing pump, mounted to a trolley for grease pails up to 50 kg, pump outlet thread R1/4", 3.5 m high pressure safety rubber hose DN 6 (R1/4"), high pressure grease control valve with straight swivel and rigid tube with 4-jaw hydraulic coupler, grease follower plate and pail/drum lid without screws or self-centering mechanism, rests on upper pail edge.

pneuMATO 55, mobile for 10 kg pails, inner Ø 215-230 mm	34 110 08
pneuMATO 55, mobile for 15 kg pails, inner Ø 255-282 mm	34 115 03
pneuMATO 55, mobile for 18/20 kg pails, inner Ø 265-285 mm*	34 118 00
pneuMATO 55, mobile for 18/20 kg pails, inner Ø 285-305 mm	34 118 24
pneuMATO 55, mobile for 25 kg pails, inner Ø 300-335 mm	34 125 00
pneuMATO 55, mobile for 50 kg pails, inner Ø 355-387 mm	34 150 06

#### pneuMATO 55 Grease Pump Unit, mobile with 6,5 m high pressure rubber hose DN6, R1/4"

Item as described above,

**but equipped with 6,5 m high pressure rubber safety hose DN6, fitting thread R1/4".**

pneuMATO 55, mobile for 10 kg pails, inner Ø 215-230 mm	34 110 15
pneuMATO 55, mobile for 15 kg pails, inner Ø 255-282 mm	34 115 10
pneuMATO 55, mobile for 18/20 kg pails, inner Ø 265-285 mm*	34 118 17
pneuMATO 55, mobile for 18/20 kg pails, inner Ø 285-305 mm	34 118 55
pneuMATO 55, mobile for 25 kg pails, inner Ø 300-335 mm	34 125 17
pneuMATO 55, mobile for 50 kg pails, inner Ø 355-387 mm	34 150 37

#### pneuMATO 55 Grease Pump Unit, mobile with 10 m high pressure rubber hose DN6, R1/4"

Item as described above,

**but equipped with 10 m high pressure rubber safety hose DN6, fitting thread R1/4".**

pneuMATO 55, mobile for 10 kg pails, inner Ø 215-230 mm	34 110 22
pneuMATO 55, mobile for 15 kg pails, inner Ø 255-282 mm	34 115 27
pneuMATO 55, mobile for 18/20 kg pails, inner Ø 265-285 mm*	34 118 48
pneuMATO 55, mobile for 18/20 kg pails, inner Ø 285-305 mm	34 118 62
pneuMATO 55, mobile for 25 kg pails, inner Ø 300-335 mm	34 125 24
pneuMATO 55, mobile for 50 kg pails, inner Ø 355-387 mm	34 150 44



It is important that all pneumatic pumps are operated with an air management system: see part no. 39 902 20, page 53



## High Pressure Lubrication Equipment, Manually and Pneumatic Operated

### Description

Images and specifications can be subject to change without notice

### Part No.

### pneuMATO 75 Grease Pump without Accessories

Pressure Ratio: 1:75

Output 500 - 600 g/min. at free delivery,

**Maximum working pressure 580 bar** (8,390 psi),  
grease outlet thread R1/4", suction tube Ø 40 mm.

**Suitable for grease NLGI 000 - 2**

**For use with NLGI 3 please consult with our Technical Dpt.**

It is important that all pneumatic pumps are operated with an air management system: see part no. 39 902 20, page 53



pneuMATO 75, Aggregat für 10-25 kg Fetteimer, Saugrohr 495 mm	<b>34 104 07</b>
pneuMATO 75, Aggregat für 50 kg-Fetteimer, Saugrohr 690 mm	<b>34 104 21</b>
pneuMATO 75, Aggregat für 200 kg-Fett-Fässer, Saugrohr 885 mm	<b>34 104 45</b>

### High Pressure Lubricator Bucket Greaser

Pail mounted high pressure manual lubricator,  
suction tube Ø 40 mm, equipped with 2.0m high pressure  
safety rubber hose and 4-jaw hydraulic coupler, pail  
lid - S with 3 thumb screws, and follower plate.

Working pressure : 400 bar (5.800 psi), output 1,6 ccm per stroke.

**Suitable for Grease NLGI 000 - 2**

Bucket Greaser BG 5-s f. 5 kg,	inner-Ø 165-200 mm	<b>33 805 71</b>
Bucket Greaser BG 10-s f. 10 kg,	inner-Ø 215-230 mm	<b>33 810 80</b>
Bucket Greaser BG 15-s f. 15 kg,	inner-Ø 255-282 mm	<b>33 815 92</b>
Bucket Greaser BG 18-s f. 18/20 kg,	inner-Ø 265-285 mm *	<b>33 818 82</b>
Bucket Greaser BG 20-s f. 18/20 kg,	inner-Ø 285-305 mm	<b>33 818 37</b>
Bucket Greaser BG 25-s f. 25 kg,	inner-Ø 300-335 mm	<b>33 825 82</b>
Bucket Greaser BG 50-s f. 50 kg,	inner-Ø 355-387 mm	<b>33 851 70</b>

### High Pressure Lubricator Bucket Greaser

#### for 18/20 kg JOKEY plastic pail

Item as described above,  
includes self-centering pail lid with special claws  
to fit and secure grip on the JOKEY pail (Jet 2000).

Bucket Greaser BG 18-d for 18/20 kg JOKEY plastic pail	<b>33 819 50</b>
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### Foot operated grease pump FP-06 economy

Budget priced foot operated pump with 2,0 m  
high pressure rubber safety hose and  
4-jaw hydraulic coupler, carry handle.

**Suitable for Grease NLGI 000 - 2**

Maximum working pressure:	up to 500 bar (7.250 psi)
Reservoir capacity:	approx. 6.000 ccm
Output per stroke:	approx. 2 ccm

Foot operated grease pump	FP-06 economy	<b>33 860 09</b>
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## Accessories for High Pressure Lubrication Equipment

Description	Images and specifications can be subject to change without notice	Part No.
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### MATO Rubber Hose

Suitable 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, fitting thread R1/4" male / female.

Rubber hose assembly RH-100	1,0 m	32 589 17
Rubber hose assembly RH-200	2,0 m	32 591 12
Rubber hose assembly RH-350	3,5 m	32 591 50
Rubber hose assembly RH-650	6,5 m	32 591 74
Rubber hose assembly RH-1000	10 m	32 591 98

### Air Management System

Features pressure regulator, pressure gauge, water filter and lubricator.

**It is important that all pneumatic pumps are operated with an air management system to secure the supply of clean, dry and oiled air. Please consult the operation manuals of the pneumatic pumps to see warranty terms.**

Air management system	39 902 20
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### High Pressure Grease Control Valve, standard

Steel construction, with rigid tube E4024 (1/8") and 4-jaw hydraulic coupler, inlet: 1/4" female  
**Working pressure max. 450 bar (6.525 psi), not suitable for pneuMATO 75**

High pressure grease control valve with straight swivel	34 108 03
High pressure grease control valve with Z` swivel	34 108 34

### Centralised lubrication ISO coupler for greaser

This ISO-Norm 7241 B coupler assembly includes a pressure relief valve and a QR connector with sliding-sleeve. It can securely be attached to a 4-jaw hydraulic coupler of a high pressure lubricator, for the purpose to transfer grease or to fill reservoirs of centralised lubrication systems.

Centralised lubrication ISO coupler for greaser	33 903 72
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### Trolley

Designed to set up mobile units of manual and pneumatic grease transfer pumps and high pressure greasers.

Trolley for 10-50 kg pails, easily assembled, robust **zinc plated design**, with pump bracket and handle.

**Standard-Trolley** for 200 litre / 180 kg drums, **black painted**, robust all steel construction, **2 hard rubber wheels**, **1 lockable swivel castor** and holster for control valve.

**Premium-Trolley** for 200 litre / 180 kg drums, **black painted**, robust all steel construction, **2 puncture-proof PU-foamed wheels**, **2 lockable swivel castor** and holster for control valve.

Trolley for 10-50 kg pails	34 700 50
Standard-Trolley for 200 litre / 180 kg drums	34 701 80
PremiumTrolley for 200 litre / 180 kg drums	34 701 66



**New**



## Grease Meter and High Pressure Greasing Accessories

Description	Images and specifications can be subject to change without notice	Part No.
<b>DIGIMET E5 Grease Meter</b>		
High pressure digital meter suitable for grease up to NLGI 2, displays dispense volume in ccm, resettable, totaliser in litre, inlet thread R1/4"female.		
Working Pressure:	max. 500 bar (7.250 psi)	
Burst Pressure:	min. 1.000 bar (14.450 psi)	
Accuracy:	+/- 3%	
Max. permissible delivery:	2.000 ccm/min.	
Digimet E5 without accessories R1/8"		<b>35 415 52</b>
Digimet E5 with rigid tube R1/8"		<b>35 415 76</b>
Digimet E5 with high pressure rubber hose R1/8"		<b>35 415 90</b>
<b>Digimet E5 with High Pressure Rubber Hose R1/8"</b>		
High pressure digital meter for grease up to NLGI 2, technical data as described above, except for inlet R1/8" is female		
DIGIMET E5 inline grease meter		<b>35 415 45</b>
<b>High Pressure Grease Control Valve, deluxe</b>		
Robust construction with straight swivel, delivery tube E4024 R1/8", 4-jaw hydraulic coupler, inlet thread 1/4"female, <b>working pressure max. 600 bar (8.700 psi)</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		<b>34 108 58</b>
<b>Lance with Lubricating Brush</b>		
The lance assembly includes a lubricating brush, a high-pressure grease control valve and a z-swivel joint. It comes with separate 400/800 mm pipe segments that can be bolted by a hex-nut. The unit can directly be tied to a high-pressure rubber hose of a pneumatic greaser pump. The lance is equipped with a PA6 nylon brush (R1/8"), with a Ø 25 mm brush, to lubricate surfaces like open gears, chains, linear and glide rails, train-tracks, etc.		
Lance with Lubricating Brush and High Pressure Control Valve		<b>33 795 44</b>
<b>Lubricating Brush with Brush Ø 25 mm</b>		
Corrosion resistant brush housing made of nickel-plated brass, stainless steel spring, highly resistant and durable brush with curled PA6 (Nylon) hair, brush Ø 25 mm, thread 1/8" BSP		
<b>Other brush sizes with PA6 hair or made of stainless steel available upon request</b>		
Lubricating Brush with Brush Ø 25 mm		<b>33 795 51</b>
<b>High Pressure Handle with Straight Swivel</b>		
with rigid tube and 4-jaw hydraulic coupler R1/8", geeignet z.B. für Bucket-Greaser, FP-06		
High Pressure Hand Control with Straight Swivel		<b>33 902 80</b>
<b>Swivel for Grease Control Valve</b>		
Heavy duty, ball bearing, R1/4"		
Straight swivel for grease control valve		<b>34 109 02</b>
Z` Swivel for Grease Control Valve		<b>34 109 40</b>



## Grease Spray Equipment and Accessories

Description	Images and specifications can be subject to change without notice	Part No.
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### pneuMATO 55 - LubeJet, stationary

A grease spray system using unique technology: it combines the high pressure lubrication pump pneuMATO 55 with **especially 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 pails and drums.

Specification:

pneuMATO 55 -pneumatic pump unit, pressure ratio 1:55, 10m special twin delivery hose, spray gun, pressure regulator 5 bar, **air inlet pressure limited to 5 bar**

#### version with 3,5 or 6,5 m hose length upon request

pneuMATO 55 - LubeJet, stationary for 25 kg, inner-Ø 300-335 mm	<b>33 727 29</b>
pneuMATO 55 - LubeJet, stationary for 50 kg, inner-Ø 355-387 mm	<b>33 757 20</b>
pneuMATO 55 - LubeJet, stationary for 200 kg, inner-Ø 550-590 mm	<b>33 701 21</b>

### pneuMATO 55 - LubeJet, mobile

Item as described above, but mounted to a trolley to carry pails up to 50 kg or drums up to 180 kg

#### version with 3.5 or 6.5 m hose length upon request

pneuMATO 55 - LubeJet, mobile for 25 kg, inner-Ø 300-335 mm	<b>33 726 20</b>
pneuMATO 55 - LubeJet, mobile for 50 kg, inner-Ø 355-387 mm	<b>33 756 21</b>
pneuMATO 55 - LubeJet, mobile for 200 kg, inner-Ø 550-590 mm	<b>33 700 08</b>

### Grease Spray Gun for pneuMATO 55 - LubeJet

This spray gun has been specially designed to spray grease. Spray patterns, air and grease volumes are individually adjustable. **Maximum permitted air input pressure is 10 bar (145 psi)**  
**Maximum permitted material pressure is 250 bar (3.625 psi)**

Grease Spray Gun for pneuMATO 55 - LubeJet	<b>33 793 60</b>
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### Spray Lance for pneuMATO 55 - LubeJet

Spray lance with 2-segment extension tube, designed to cover and spread grease in inaccessible spots or cavities. The unit is suitable for common greases up to NLGI-class 2.

Spray lance 2,0 m for pneuMATO 55 - LubeJet, <b>90 ° spray head</b>	<b>33 795 75</b>
Spray lance 2,0 m for pneuMATO 55 - LubeJet, <b>180 ° spray head</b>	<b>33 795 82</b>

### Twin Hose for pneuMATO 55 - LubeJet

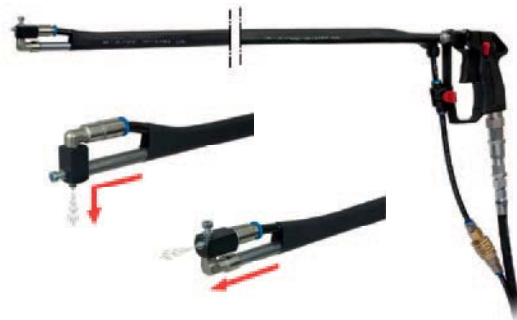
This special "Twin Hose" includes high pressure grease supply hose (burst pressure: 1.650 bar, with steel wire reinforcement) and air supply hose. Both hoses are encased in hard wearing outer sheath, which has integral spiral, steel reinforcement.

pneuMATO 55 - LubeJet twin hose system 3.5 m	<b>33 793 08</b>
pneuMATO 55 - LubeJet twin hose system 6.5 m	<b>33 793 15</b>
pneuMATO 55 - LubeJet twin hose system 10 m	<b>33 793 22</b>

### Air Pressure Limiter for pneuMATO 55 Lubejet

This air pressure limiter restricts the air supply pressure at the pump inlet to 5 bar. It is supplied with connection for the air supply pipework.

Air pressure regulator for pneuMATO 55 Lubejet	<b>33 794 90</b>
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## Electric Lubrication Equipment

### Description

Images and specifications can be subject to change without notice

### Part No.

### MATO eHybrid-Greaser 230 V

The innovative mobile MATO eHybrid-Greaser 230 V features a purposely designed 400 bar high-pressure piston pump, operated with hydraulic oil by an electric gearwheel pump.

When switched on, the electric gearwheel pump promotes hydraulic oil and instantly starts the piston pump actuation. Greasing valve lever engagement starts the grease promotion, its disengagement ends the grease flow, finishes the lubrication process respectively.

The mobile MATO eHybrid-Greaser 230 V is built for the lubrication of machines, vehicles and other devices, it **suits common greases with grades NLGI 000 - 2.**

In delivery condition the hydraulic fluid circuit is pre-assembled and filled with hydraulic oil.

#### Technical data:

Current:	230 V / 50 Hz
Max. promotion:	380 ccm/min.
Max. pressure:	400 bar
Motor power:	0,75 Kw

#### Features

- hydraulic high-pressure piston pump
- electric gearwheel pump with pressure relieve-valve, refillable hydraulic -oil reservoir with oil-level window and venting valve
- 5 mtr cable with shock-proof plug
- powder-coated dust cover for grease pail
- heavy duty follower plate to optimize grease consumption
- 3,5 m steel-braided safety-rubber hose DN 6, B.P. 1.650 bar (6,5 m und 10 m available upon request)
- high-pressure greasing valve with rigid pipe and 4-jaw hydraulic coupler, z-swivel joint
- sturdy, powder coated trolley, height adjustable pump bracket
- solid rubber wheels, two castor wheels with brake
- 200 kg size available incl. premium-trolley, ref. 34 701 66, with two flat-proof PU-foam filled rubber wheels

MATO eHybrid-Greaser for 10 kg pail, inner Ø 215-230 mm	<b>34 231 17</b>
MATO eHybrid-Greaser for 15 kg pail, inner Ø 255-282 mm	<b>34 232 16</b>
MATO eHybrid-Greaser for 18/20 kg pails, inner Ø 265-285 mm*	<b>34 233 15</b>
MATO eHybrid-Greaser for 18/20 kg pails, inner Ø 285-305 mm	<b>34 233 22</b>
MATO eHybrid-Greaser for 25 kg pail, inner Ø 300-335 mm	<b>34 234 14</b>
MATO eHybrid-Greaser for 50 kg pail, inner Ø 355-387 mm	<b>34 235 13</b>
MATO eHybrid-Greaser for 200 kg drums, inner Ø 550-590 mm	<b>34 236 29</b>





# mato



## Syphon-, Hand- and Lift Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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### Polythene Syphon-Pump Model SP-50

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 litre per minute is possible

Syphon-Pump SP-50

**34 622 08**

### Polythene Syphon-Pump Model SP-150

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 litre per minute is possible

Syphon-Pump SP - 150

**34 622 22**

### Lever Operated Drum Pump HP 500 for AdBlue®

Lever operated drum pump HP 500 for 50 up to 200 litre drums, equipped with 2" drum adaptor, telescope 2-segement suction tube and 2 m delivery hose, 2" bung adaptor and 2 adaptor 2" BSP female to 2" Mauser / TriSure male

**Flow rate: 500 ccm per stroke, EPDM Seals**

Lever operated drum pump HP 500 for AdBlue®

**34 623 07**

### UNIVERSAL - Lift Pump LP-S

Universal plastic pump with adaptor R2" for standard drums/barrels.

Output: 250 ccm per stroke

**LP-S:** Compatible with lubricating oils, diesel and fuel oil.

Compatibility with other fluids on request.

**Different bung adaptors described on page 62**

Universal Lift Pump LP-S 25

**34 625 12**

Universal Lift Pump LP-S 200

**34 625 29**

### UNIVERSAL - Lift Pump LP-C

Universal plastic pump with adaptor R2" for standard drums/barrels.

Output: 250 ccm per stroke

**LP-C:** Compatible with chemicals, thinners, solvents, anti-freeze, detergents, cleaning fluids and AdBlue®. Compatibility with other fluids on request. Piston in stainless steel.

**Different bung adapter available on page 62**

Universal lift pump LP-C 25

**34 625 50**

Universal lift pump LP-C 200

**34 625 67**

### Delivery hose for Lift Pumps LP-C & LP-S

2,0 m PVC delivery hose with spout for LP-C & LP-S

**34 626 04**

### Universal Adaptor for Lift Pumps LP-C & LP-S

Universal adaptor for lift pumps LP-C & LP-S

**34 626 28**

### Adaptor 2" BSP for Lift Pumps LP-C + LP-S

Adaptor 2" BSP for lift pumps LP-C + LP-S

**34 626 11**



## Rotary Action Pumps

Description	Images and specifications can be subject to change without notice	Part No.
<b>Polypropylene Rotary Pump RP 100-PP</b>		
2-chamber vane pump with 3-segment suction tube, designed for drums up to 200 litre, drum adaptor 2" BSP		
<p><b>Suitable for: AdBlue®, water-based liquids, thinner, solvents, anti-freeze, windshield detergents, hydraulic-oils.</b> Other lubricants on request.</p> <p>Output: 250 ccm per revolution</p>		
Polypropylen rotary pump RP 100-PP		34 609 07
<b>Cast Iron Rotary Pump RP 100-s</b>		
2 chamber vane pump with 3 part aluminum suction tube suitable for barrels up to 200 litre, drum adaptor 2" BSP		
<p><b>For diesel, motor, gearbox and hydraulic oils up to SAE 90</b></p> <p>Output: 250 ccm per revolution</p>		
Cast Iron Rotary Pump standard RP 100-s		34 610 10
<b>Aluminum Rotary Pump RP 100-d</b>		
2 chamber vane pump with 3 part aluminum suction tube suitable for barrels up to 200 litre, drum adaptor 2" BSP		
<p><b>For diesel, motor, gearbox and hydraulic oils up to SAE 90</b></p> <p>Output: 250 ccm per revolution</p>		
Aluminum Rotary Pump RP 100-d		34 610 34
<b>3 Part Aluminum Suction Tube for rotary pumps RP 100-s and RP 100-d</b>		
3 part aluminum suction tube		34 612 70
<b>Hose for Rotary Pumps RP 100</b>		
Spare hose, lenght 1,1 m, for rotary pump with spout and securing hook		
Hose for rotary pump RP 100-s + RP 100-d		34 620 55
<b>Ball valve with hose tail for aluminum rotary pump RP 100-d</b>		
Nozzle for gear oil with ball valve		34 620 62
<b>Aluminum Rotary Pump RP 100-M with Trolley and Pump Bracket</b>		
2 chamber vane pump with aluminum 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"		
Trolley for 50-60 litre drums with pump support bracket.		
<p><b>For diesel, motor, gearbox and hydraulic oils up to SAE 90</b></p> <p>Output: 250 ccm per revolution</p>		
Aluminum rotary pump RP 100-M with trolley		34 610 58



## Barrel Pumps and Accessories

Description	Images and 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 450 mm to 860 mm, body made of zinc plated steel, 2" and 1 1/2" BSP drum adaptors detachable outlet nozzle		
<b>NBR (Perbunan) Seals</b>		
For oils up to SAE 90, petroleum and other non-aggressive fluids individually packed in carton. Output: 350 ccm 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 with Viton seals <b>and red handle grip</b>		
Suitable for alcohol, anti-freeze, thinners. Ensure fluid is compatible with <b>VITON</b>		
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 hosetail for HP 350+HP 350-V</b>		
PVC hose 1,5 m long, hosetail and hoseclip		34 620 17
<b>UNIVERSAL - Lift Pump LPM-200</b>		
<b>with rigid steel suction tube for 200 liter barrels</b>		
Universal pump with zinc plated suction tube, 950 mm, footvalve and 2" BSP bung adaptor. Output: 750 ccm per stroke		
LPM-200: Suitable for lubricating oils, diesel and fuel oil. Compatibility with other fluids on request.		
UNIVERSAL - Lift Pump LPM-200		34 626 80
<b>Lever Operated Pump LAP 350</b>		
Robust piston pump with lever action for 200 l barrels, non-return valve, zinc plated steel suction tube 1,5 m PVC delivery hose with spout		
For light/extra light fuel oils, diesel, petroleum, cleaning fluids Suction tube:. 850 mm approx. Drum adaptor 2" BSP Suction tube thread 1/2" BSP Output: 350 ccm per stroke		
Lever operated pump LAP 350		34 635 88
<b>Lever Operated Pump LAP 125</b>		
Piston pump, eco-version, with lever action for 50 - 200 litre drums, backlash valve, zinc plated, 3-segment steel suction tube 1,2 m PVC delivery hose with spout		
For light/extra light fuel oils, diesel, petroleum, cleaning fluids Suction tube: approx. 850 mm Drum adaptor: 2" BSP Suction tube thread: 1/2" BSP Output: 125 ccm per stroke		
Lever operated ountp LAP 125		34 633 04





## Container Pumps

Description	Images and specifications can be subject to change without notice	Part No.
<b>Container Lift Pump KLP-C 25</b>		
<b>for 20 - 30 litre plastic container</b>		
Universal plastic pump LP-C compatible with chemicals, thinners, solvents, anti-freeze, detergents, AdBlue® and cleaning fluids. Compatibility with other fluids on request. Piston in stainless steel, incl. 2,0 m PVC-delivery hose with spout and connecting adapter for container with DIN 61 outlet		
Output: 250 ccm per stroke		
Container Lift Pump KLP-C 25		<b>34 627 03</b>
<b>Container Hand Pump KHP 200</b>		
<b>for 20 - 30 litre plastic container</b>		
Hand pump with high quality steel pump incl. 1,5 m delivery hose and ball valve, with connecting adapter for container with DIN 61 outlet		
Output: 200 ccm per stroke		
KHP 200 with 1,5 m hose, ball valve and nozzle		<b>34 637 00</b>
<b>Container Hand Pump KHP 202-G</b>		
<b>for 20 - 30 litre rectangular container</b>		
Hand Pump with high quality steel pump incl. 1,5 m delivery hose and ball valve with special pump bracket		
Output: 200 cc per stroke		
KHP 202-G with 1,5 m hose, ball valve and nozzle		<b>34 637 24</b>
<b>Container Hand Pump KHP 202</b>		
<b>for 20 - 25 litre plastic container</b>		
Hand pump with high quality steel pump incl. 1,5 m delivery hose and ball valve with special pump bracket		
Output : 200 ccm per stroke		
KHP 202 with 1,5 m hose, ball valve and nozzle		<b>34 637 62</b>
<b>Container Hand Pump KHP 350</b>		
<b>for 20 litre plastic drum ("Superfos")</b>		
Hand pump with 1,5 meter rubber hose and ball valve for 20 Liter plastic Drum ("Superfos"), sturdy pump bracket.		
Output : 350 ccm per stroke		
KHP 350 with 1,5 m hose and ball valve		<b>34 637 86</b>
<b>Delivery hose DN12 for Container Pumps</b>		
Delivery hose 1,5 m, with ball valve, hoseclip and outlet nozzle for gear oil, suitable for container and barrel lever pumps		
Delivery hose DN12 for container pumps		<b>34 620 86</b>



## Lever- and Barrel Pumps with Accessories

Description	Images and specifications can be subject to change without notice	Part No.
<b>Barrel Pump HP 202, stationary</b>		
<b>for 50-60 litre oil drums</b>		
Hand operated pump with high quality steel pump unit, suitable for 50-60 litre drums incl. 2,0 m delivery hose and ball valve, with connecting adapter 2" to 40 mm Inner-Ø		
<b>Fluids:</b> <b>Hydraulic oils, engine, gearbox up to high viscosity oils</b>		
Output: 200 ccm per stroke		
Barrel Pump HP 202, stationary		<b>34 637 93</b>
<b>Barrel Pump HP 202, mobile</b>		
<b>for 50-60 litre oil drums</b>		
Hand operated pump with high quality steel pump unit, with robust, zinc plated trolley for 50-60 litre drums incl. 2,0 m delivery hose and ball valve, with connecting adapter 2" to 40 mm Inner-Ø		
<b>Fluids:</b> <b>Hydraulic oils, engine, gearbox up to high viscosity oils</b>		
Output: 200 ccm per stroke		
Barrel Pump HP 202, mobile		<b>34 638 47</b>
<b>Oil Dispenser 24 l with Hand Pump, mobile</b>		
Equipped with 2,5 m spiral hose, ball valve and curved spout		
<b>Fluids:</b> <b>Diesel, engine, gearbox and hydraulic oils up to SAE 90</b>		
Output: 250 ccm per stroke		
Oil Dispenser 24 l with Hand Pump, mobile		<b>34 638 61</b>
<b>Pump Bracket for Hand Pumps</b>		
Robust pump brackets in zinc plated steel. Bracket designed for container pumps include foam cuff to prevent spill.		
Pump bracket for container pump KHP 202-G		<b>34 702 58</b>
Pump bracket for container pump KHP 202		<b>34 702 27</b>
Pump bracket for container pump KHP 350		<b>34 702 65</b>
Pump bracket for 25-30 Liter oil drums, span 280-320 mm		<b>34 702 10</b>
Pump bracket for 50-60 Liter oil drums, span 350-390 mm		<b>34 702 34</b>
<b>Adaptor</b>		
Adaptor for container and barrel pumps		
Adaptor 2" BSP male to <b>40 mm inner-Ø</b>		<b>34 704 70</b>
Adaptor 2" BSP female to <b>2" TriSure male</b>		<b>34 705 00</b>
Adaptor 2" BSP female to <b>2" Mauser male</b>		<b>34 704 94</b>
Adaptor 2" BSP female to <b>DIN 61 female</b> incl. gasket		<b>34 704 87</b>



mato



## Pneumatic Pumps and Diaphragm Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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### pneuMATO Pneumatic Oil Pumps

Pressure ratios 1:1, 1:3 and 1:5, includes 2" BSP drum adaptor, item does not include further accessories.  
Indicated flow rate applies in case of free delivery.

pneuMATO 1	oil pump 1:1, 25 l/min.	34 000 19
pneuMATO 3	oil pump 1:3, 18 l/min.	34 000 33
pneuMATO 5	oil pump 1:5, 17 l/min.	34 000 57

### Pneumatic Double Diaphragm Pump DP-60

Designed for waste oil, lubricating oil, Anti-Freeze, water, diesel, heating oil and petrol (with ATEX 2 GD-Certification), suitable for fluids with a particle size of maximum 1,5 mm  
Technical Data

Delivery:	approx. 60 l/min. free delivery
Pressure ratio:	1:1
Max. working pressure:	8 bar
Inlet:	3/4"
Outlet:	3/4"
Air supply inlet:	1/4"
Weight:	7 kg
Body material:	Aluminium
Membrane:	NBR
Check ball:	Hytrel

Pneumatic double diaphragm pump DP-60	34 071 24
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### Pneumatic Double Diaphragm Pump DP-60-T

for mounting to 200 l Drum

Technical data as described above,  
but with steel suction tube and 2" adaptor for 200 litre drum

Pneumatic double diaphragm pump DP-60-T	34 071 62
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### Pneumatic Double Diaphragm Pump DP-160

Designed for waste oil, ubricating oil, diesel and heating oil, Anti-Freeze, water, windscreen cleaner and various chemicals. Suitable for fluids with a particle size of maximum 2 mm.

Technical Data	
Delivery:	approx. 160 l/min. free delivery
Inlet:	1 1/4"
Outlet:	1 1/4"
Air supply inlet:	1/2"
Weight:	16 kg

Pneumatic double diaphragm pump DP-160	34 072 54
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### Pneumatic Double Diaphragm Pump DP-50 PP

Designed for waste oil, lubricationg oil, diesel and heating Oil, Anti-Freeze, water, windscreen cleaner and various chemicals. Suitable for fluids with a particle size of maximum 1,5 mm.

Technical Data	
Delivery:	approx. 50 l/min. free delivery
Pressure ratio:	1:1
Max. working pressure:	8 bar
Inlet:	3/4"
Outlet:	1/2"
Air supply inlet:	1/4"
Weight:	7,5 kg
Body material:	Polypropylen
Membrane:	PTFE
Check ball:	Teflon

Pneumatic double diaphragm pump DP-50 PP	34 071 17
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It is important all pneumatic pumps are operated with an air management system: **see part no. 39 902 20**





## Pneumatic Oil Pumps, Oil Dispenser

### Description

Images and specifications can be subject to change without notice

### Part No.

### Oil Dispenser 24 l pneumatic, Mobile

Includes pressure relief valve, 2,5 m spiral hose and nozzle with manual drip stop

#### Fluids:

**Diesel, engine, gearbox and hydraulic oils up to SAE 90**

Maximum air inlet pressure: 8 bar

Flow rate: approx. 2 l/min.

Oil dispenser 24 l pneumatic, mobile

**34 001 25**

### pneuMATO-Pneumatic Oil Pumps, Drum Fitting

#### for 50/60 and 200 litre oil drums

Pneumatic oil pump with telescopic suction tube and suction filter, adjustable from 520 mm to 800 mm, for variable use with 50/60 litre or 200 litre oil drums, 2,0 m pressure hose DN12 (1/2") with swivel nut for easy and simple installation

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle

for 50 litre drums pump bracket 34 702 34 is additionally required.

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**

### pneuMATO Oil Pump System, Mobile

#### for 50/60 litre oil drums

Item as described above, but with robust, zinc plated trolley, completed by 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**

### pneuMATO 3 - Pneumatic Oil Pump

#### for wall mounting, oil drum size 200 litre

Oil pump pneuMATO 1:3 with wall bracket

Suction tube with foot valve

and suction hose DN 20 (3/4") 2,0 m,

**for approved unit with air eliminator valve.**

Connecting hose 1 m DN12 (1/2") for hose reel, hose reel with 10 m delivery hose DN12 (1/2")

#### either with

- 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

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**



## Pneumatic Oil Pumps

### Description

Images and specifications can be subject to change without notice

### Part No.

#### pneuMATO 3 Oil Pump System, stationary for 200 litre drum with 4 m delivery hose

Oil pump pneuMATO 1:3 with pressure ratio 1:3,  
steel suction tube for 200 litre drum with foot valve,  
**for approved unit with air eliminator valve,**  
4 m delivery hose DN12 (1/2") with swivel nut  
for easy and simple installation

#### either with

- 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



Lube-Station P-200-4 with oil control gun

**34 024 19**

Lube-Station P-200-4 with DIGIMET E35

**34 024 88**

Lube-Station P-200-4 with DIGIMET E30 Preset

**34 002 86**

Lube-Station P-200-4-E, with electronic Meter, approved

**34 032 25**

#### pneuMATO 3 Oil Pump System, stationary for 200 litre drum with 8 m delivery hose

Oil pump pneuMATO 1:3 with pressure ratio 1:3,  
steel suction tube for 200 litre drum with foot valve,  
**for approved unit with air eliminator valve,**  
8 m delivery hose DN12 (1/2") with swivel nut  
for easy and simple installation

#### either with

- 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



Lube-Station P-200-8 with oil control gun

**34 025 49**

Lube-Station P-200-8 with DIGIMET E35

**34 024 95**

Lube-Station P-200-8 with DIGIMET E30 Preset

**34 025 63**

Lube-Station P-200-8-E, with electronic meter, approved

**34 032 32**

Pneumatic Oil Pumps

Description	Images and specifications can be subject to change without notice	Part No.	EUR / Unit
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pneuMATO 3 Oil Pump System, mobile

for 200 litre drum with 4 m delivery hose

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 200 litre drum with foot valve,  
**for approved unit with air eliminator valve,**  
robust trolley with holster for control valve,  
black painted, 2 wheels, 1 swivel castor  
4 m delivery hose DN12 (1/2") with swivel nut  
for easy and simple installation

either with

- 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

All versions also available with  
**Premium trolley, 2 puncture-proof PU-foamed wheels  
and 2 lockable swivel castors**  
additional charge (see page 73)

pneuMATO 3, mobile with hose reel and oil control gun	34 008 04
pneuMATO 3, mobile with hose reel and DIGIMET E35	34 008 42
pneuMATO 3, mobile with hose reel and DIGIMET E30 Preset	34 004 08
pneuMATO 3, mobile with hose reel and electronic meter	34 033 48

pneuMATO 3 Oil Pump System, mobile

for 200 litre drum with 10 m hose reel, DN12

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 200 litre drum with foot valve,  
**for approved unit with air eliminator valve,**  
robust trolley with holster for control valve,  
black painted, 2 wheels, 1 swivel castor,  
hose reel, open, with 10 m delivery hose DN12 (1/2")

either with

- 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

All versions also available with  
**Premium trolley, 2 puncture-proof PU-foamed wheels  
and 2 lockable swivel castors**  
additional charge (see page 73)

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	34 033 62



Pneumatic Oil Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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pneuMATO 3 Oil Pump System, stationary

for 1.000 litre tank with 4 m delivery hose

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 1.000 litre tank with foot valve,  
for approved unit with air eliminator valve,  
4 m delivery hose DN12 (1/2") with swivel nut  
for easy and simple installation

either with

- 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

The system is also available for a 700 litre tank,  
price available upon request.

(Tank not included)



Lube-Station P-1000-4 with oil control gun	34 025 87
Lube-Station P-1000-4 with DIGIMET E35	34 024 40
Lube-Station P-1000-4 with DIGIMET E30 Preset	34 026 31
Lube-Station P-1000-4-E with electronic meter	34 033 00

pneuMATO 3 Oil Pump System, stationary

for 1.000 litre tank with 8 m delivery hose

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 1.000 litre tank with foot valve,  
for approved unit with air eliminator valve,  
8 m delivery hose DN12 (1/2") with swivel nut  
for easy and simple installation

either with

- 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

The system is also available for a 700 litre tank,  
price available upon request.

(Tank not included)



Lube-Station P-1000-8 with oil control gun	34 026 00
Lube-Station P-1000-8 with DIGIMET E35	34 024 57
Lube-Station P-1000-8 with DIGIMET E30 Preset	34 026 17
Lube-Station P-1000-8-E with electronic meter	34 033 17



## Pneumatic Oil Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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### pneuMATO 3 - Compact Air Operated Oil Systems with 1.000 litre tank and 4 m delivery hose

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 1.000 litre tank with foot valve,  
**for approved unit with air eliminator valve, double skinned**  
1.000 litre oil and waste oil tank, transportable with forklift,  
including level indicator, drip tray with holder,  
4 m delivery hose DN12 (1/2") with swivel nut  
**either with**

- 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

The system is also available with a 700 litre tank,  
price available 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	<b>34 034 30</b>



### pneuMATO 3 - Compact Air Operated Oil Systems with 1.000 litre tank and 8 m delivery hose

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 1000 Liter Tank with foot valve,  
**for approved unit with air eliminator valve, double skinned**  
1.000 litre oil and waste oil tank, transportable with forklift,  
including level indicator, drip tray with holder,  
8 m delivery hose DN12 (1/2") with swivel nut  
**either with**

- 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

The system is also available with a 700 litre tank,  
price available 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	<b>34 034 78</b>



### pneuMATO 3 - Compact Air Operated Oil Systems with 1.000 litre tank and 10m hose reel, DN 12

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
steel suction tube for 1.000 litre tank with foot valve,  
**for approved unit with air eliminator valve, double skinned**  
1.000 litre oil and waste oil tank, transportable with forklift,  
including level indicator, drip tray with holder,  
hose reel, open, with 10 m delivery hose DN12 (1/2")

**either with**

- 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

The system is also available with a 700 litre tank,  
price available 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	<b>34 035 60</b>



Pneumatic Oil Pumps for IBC-Container

Description	Images and specifications can be subject to change without notice	Part No.
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pneuMATO 3 Oil Pump System, stationary

for 1.000 l IBC-container with 4 m delivery hose

Oil ump pneuMATO 1:3, pressure ratio 1:3,  
pump bracket with 2" TriSure adaptor (male) to 2" BSP (female),  
steel suction tube for 1.000 litre IBC-Container with foot valve,  
**for approved unit with air eliminator valve,**  
drip tray with holder,  
4 m delivery hose DN12 (1/2") with swivel nut

either with

- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter

(IBC-container not included)



Lube-Station IBC-1000-4 with DIGIMET E35 34 010 09

Lube-Station IBC-1000-4-E with electronic meter 34 010 23

pneuMATO 3 Oil Pump System, stationary

for 1.000 l IBC-Container with 10 m Hose Reel DN12

Oil pump pneuMATO 1:3, pressure ratio 1:3,  
pump bracket with 2" TriSure adaptor (male) to 2" BSP (female),  
steel suction tube for 1.000 litre IBC-Container with foot valve,  
**for approved unit with air eliminator valve,**  
drip tray with holder,  
hose reel, open, with 10 m delivery hose DN12 (1/2")

either with

- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter

(IBC-container not included)



Lube-Station IBC-1000-R with DIGIMET E35 34 011 08

Lube-Station IBC-1000-R-E with electronic meter 34 011 22



## Pneumatic Pumps Units for Anti-Freeze

### Description

Images and specifications can be subject to change without notice

### Part No.

#### pneuMATO 1-AF Pump System Unit, stationary for Anti-Freeze with 4 m delivery hose

Oil pump pneuMATO 1, 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**

#### pneuMATO 1-AF Pump System, mobile for Anti-Freeze, fits 200 litre drum

Oil pump pneuMATO 1, pressure ratio 1:1,  
steel suction tube with foot valve,  
4 m delivery hose DN 12 (1/2") with swivel nut **or**  
hose reel, open, with 10 m delivery hose DN 12 (1/2"),  
robust trolley with holster for control valve, black painted,  
2 wheels, 1 swivel castor, hose end meter DIGIMET E35-AF

All versions also available with

**Premium trolley, 2 puncture-proof PU-foamed wheels  
and 2 lockable swivel castors**

additional charge (see page 73)

pneuMATO 1-AF mobile with 4 m delivery hose DN12

**34 040 79**

pneuMATO 1-AF mobile with 10m hose reel DN12

**34 040 93**

#### pneuMATO 1-AF Compact Air Operated System for Anti-Freeze, with 1.000 l tank

Oil pump pneuMATO 1, pressure ratio 1:1,  
steel suction tube with foot valve,  
4 m delivery hose DN 12 (1/2") with swivel nut **or**  
hose reel, open, with 10m delivery hose DN 12 (1/2"),  
1000 litres oil and waste oil tank, transportable with  
forklift, including level indicator, drip tray with holder,  
hose end meter DIGIMET E35-AF

Lube-Tank AF-1000-T-4 with 4 m delivery hose DN12

**34 041 16**

Lube-Tank AF-1000-T-R with 10m hose reel DN12

**34 041 30**

#### pneuMATO 1-AF Pump System Unit, stationary for Anti-Freeze, fits 1.000 litre IBC-container

Oil pump pneuMATO 1, pressure ratio 1:1,  
pump bracket with 2" TriSure adaptor (male) to 2" BSP (female),  
steel suction tube for 1.000 litre IBC-container with foot valve,  
4 m delivery hose DN 12 (1/2") with swivel nut **or**  
hose reel, open, with 10 m delivery hose DN12 (1/2"),  
drip tray with holder, hose end meter DIGIMET E35-AF

**(IBC-Container not included)**

Lube-Station AF-IBC-1000-4 with 4 m delivery hose DN12

**34 042 15**

Lube-Station AF-IBC-1000-R with 10 m hose reel DN12

**34 042 46**



## Accessories for Pneumatic Oil Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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### Steel Suction Tube for Air Operated Oil Pumps

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 or Roth tank	35 619 49
Suction tube for 1000 litre IBC-container	35 619 63

### Plastic Suction Tube for Air Operated Oil Pumps

Thread 3/4" BSP

Plastic telescopic suction tube (520 - 860 mm) with suction filter	35 601 02
Extension tube, PVC, 400 mm	35 600 10

### Steel Suction Tube 3/4" BSP

#### with air eliminator valve

For pump installations with PTB / B.O.T. approval

Suction tube with air eliminator valve for 50/60 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

### 2" BSP Right Angle Drum Fitting with Elbow 90°

1" male to 3/4" female

Right angled drum fitting 2" BSP with elbow 90°	34 704 18
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### Steel Suction Tube + 2 m Suct.Hose DN 20 (3/4")

for 200 litre drums, in case pump mounted aside of drum

Suction tube with foot valve, 2" BSP Drum Adaptor, 90° elbow and suction hose DN 20 (3/4"), 2 meters long

Suction tube and suction hose with foot valve	34 704 56
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### Connecting Hose DN20 2,0 m

with 1" swivel nuts, i.e. for connecting pump to suction tube

Connecting hose DN20 2,0 m	34 712 00
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### Delivery Hose DN12 (1/2")

with 1/2" Swivel Nuts

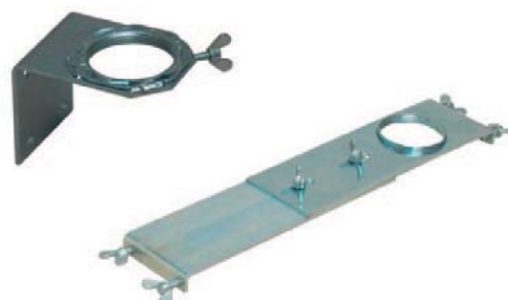
i. e. for connecting pump to hose end meter

Hose length 1,0 m	34 710 02
Hose length 2,0 m	34 710 26
Hose length 4,0 m	34 710 40
Hose length 8,0 m	34 710 64
Hose length 10,0 m	34 710 88

### Pump Bracket

Angled wall bracket with thread R2" female, and for 50/60 litre oil drums

Wall bracket for wall mounting	34 702 72
Pump bracket for 50/60 litre oil drums, 350 - 390 mm	34 702 34





## Accessories for Pneumatic Oil Pumps

Description	Part No.
Images and specifications can be subject to change without notice	
<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 operated with an air management system to secure the supply of clean, dry and oiled air. Please consult the operation manuals of the pneumatic pumps to see warranty statements.</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 litres oil containers	34 700 74
<b>Trolley for 200 l Oil Drums or 200 kg Grease Drums</b>	
<b>Standard-Trolley</b> for 200 litre / 180 kg drums, <b>black painted</b> , robust all steel construction, <b>2 hard rubber wheels</b> , <b>1 lockable swivel castor</b> and holster for control valve.	
<b>Premium-Trolley</b> for 200 litre / 180 kg drums, <b>black painted</b> , robust all steel construction, <b>2 puncture-proof PU-foamed wheels</b> , <b>2 lockable swivel castor</b> and holster for control valve.	
Standard-Trolley for 200 litre / 180 kg drums	34 701 80
PremiumTrolley for 200 litre / 180 kg drums	34 701 66
<b>Screw Cap for IBC-Container</b>	
Screw cap for IBC container, includes 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 double diaphragm pump DP-60</b>	
1,5 m suction hose DN 20, single sided DKR 3/4" with 2" drum adaptor with suction filter and foot valve	
Suction hose DN 20	34 711 25
<b>Delivery Hose DN 20 for double diaphragm pump DP-60</b>	
Delivery hose DN 20, double sided DKR 3/4"	
Delivery hose DN 20 <b>4,0 m for DP-60</b>	34 713 54
Delivery hose DN20 <b>8,0 m for DP-60</b>	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 double diaphragm pump DP-60</b>	
Ball valve with nozzle for gear oil. Thread: R3/4" female	
Ball valve nozzle assembly	34 620 48



# mato



## Electric Pumps for Engine, Gearbox and Hydraulic Oil

Description	Images and specifications can be subject to change without notice	Part No.
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### Electric Gear Pump EP 100

**11 l/min. 8 bar**

Self priming gear pump, with 3 m cable for mains connection, integrated by-pass pressure regulator and protected on/off switch, for engine, gearbox and hydraulic oils of low to medium viscosity. Not suitable for high flow resistance and long oil promotion distances, offers **moderate pressure performance at moderate flow rate**.

For fluids Hazard Class A3 with a flash point higher than 55° C.

Output: approx. 11 l/min. (SAE30 at free flow)

Max. pressure: approx. 8 bar, suction height up to 2,5 m

Electric data: 230V, 50Hz, 2.9A, 0.37kW, IP55

Threads: 3/4" (outlet) / 1" (inlet)

Electric Gear Pump EP 100

**34 339 32**

### Electric Gear Pump EP 200

**11 l/min. 16 bar**

Pump features are as described above, but designed for use at increased flow resistance and/or long oil promotion distance.

For engine, gear and hydraulic oils of higher viscosity, offers **high pressure performance at moderate flow rate**.

Output: approx. 11 l/min. (SAE30 at free flow)

Max. pressure: approx. 16 bar, Suction height up to 2,5 m

Electric data: 230V, 50Hz, 5.3A, 0.75kW, IP55

Electric Gear Pump EP 200

**34 339 63**

### Electric Gear Pump EP 300

**22 l/min. 8 bar**

Pump features are as described above, but designed for engine, gearbox and hydraulic oils of low to medium viscosity. Not suitable for high resistance and long oil promotion distances, offers **moderate pressure performance at a high flow rate**.

Output: approx. 22 l/min. (SAE30 at free flow)

Max. pressure: approx. 8 bar, suction height up to 2,5 m

Electric data: 230V, 50Hz, 2.9A, 0.37kW, IP55

Electric Gear Pump EP 300

**34 340 14**

### Electric Gear Pump EP 400

**22 l/min. 16 bar**

Pump features are as described above, but designed for use at increased flow resistance and/or long oil promotion distance.

For engine, gear and hydraulic oils of higher viscosity, offers **high pressure performance at high flow rate**.

Output: approx. 22 l/min. (SAE30 at free flow)

Max. pressure: approx. 16 bar, suction height up to 2,5 m

Electric data: 230V, 50Hz, 5.3A, 0.75kW, IP55

Electric Gear Pump EP 400

**34 340 76**



### Operating advice:

The self-priming electric gear-wheel pumps EP are designed to transfer and dispense oil. An integrated bypass-valve limits the max. oil pressure. The pumps feature a protected switch and must be shut off after operation. Do not let the pumps run more than 5 minutes in by-pass mode against the closed dispense nozzle.

If required, the pump can be upgraded with a pressure relieve device (see page 77 - Art.-Nr. 34 336 97).

**EP 100 and EP 300** are suitable for use with engine, gear and hydraulic oils from low to moderate viscosity.

They are not supposed to be used with hose reels and/or set-ups of long oil promotion distances.

**EP 200 and EP 400** are suitable for use with engine, gear and hydraulic oils from low to high viscosity.

The achievable pressure rate of 16 bar allows their use with hose reels and/or set-ups of long oil promotion distances.

## Electric Pumps for Engine, Gearbox and Hydraulic Oil

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Electric Gear Pump EP 200-DS

##### 11 l/min. 16 bar with pressure-switch control

Self priming gear pump, technically identical to basic model EP 200 (p. 75), without accessories, but **equipped with pressure-switch control and pressure-relief device** (please see operating advice and p. 77 - Art.-Nr. 34 336 97).

For fluids Hazard Class A3 with a flash point higher than 55° C.  
Threads: 3/4" (outlet) / 1" (inlet)

Output: approx. 11 l/min. (SAE30 at free flow)

Max. pressure: approx. 16 bar, suction height up to 2,5 m

Electric data: 230V, 50Hz, 5.3A, 0.75kW, IP55



Electric Gear Pump EP 200-DS

**34 339 87**

#### Electric Gear Pump EP 300-DS

##### 22 l/min. 8 bar with pressure-control switch

Self priming gear pump, technically identical to basic model EP 300 (p. 75), without accessories, but **equipped with pressure-switch control and pressure-relief device** (please see operating advice and p. 77 - Art.-Nr. 34 336 97).

For fluids Hazard Class A3 with a flash point higher than 55° C.  
Threads: 3/4" (outlet) / 1" (inlet)

Output: approx. 22 l/min. (SAE30 at free flow)

Max. pressure: approx. 8 bar, suction height up to 2,5 m

Electric data: 230V, 50Hz, 2.9A, 0.37kW, IP55



Electric Gear Pump EP 300-DS

**34 340 38**

#### Electric Gear Pump EP 400-DS

##### 22 l/min. 16 bar with pressure-switch control

Self priming gear pump, technically identical to basic model EP 300 (p. 75), without accessories, but **equipped with pressure-switch control and pressure-relief device** (please see operating advice and p. 77 - Art.-Nr. 34 336 97).

For fluids Hazard Class A3 with a flash point higher than 55° C.  
Threads: 3/4" (outlet) / 1" (inlet)

Output: approx. 22 l/min. (SAE30 at free flow)

Max. pressure: approx. 16 bar, suction height up to 2,5 m

Electric data: 230V, 50Hz, 5.3A, 0.75kW, IP55



Electric Gear Pump EP 400-DS

**34 340 90**

### Operating advice:

The self-priming electric EP gear-wheel pumps are designed to transfer and dispense oil. An integrated bypass-valve limits the max. oil pressure, the pumps are pressure-switch controlled. When the filling gun is closed (pressure builds up), the pump switches off, when the filling gun is opened (pressure decrease), the pump starts to run. Additionally, the pumps come with a pressure relief device (see p. 77 - Art.-No. 34 336 97), which reduces oil pressure inside the system when pumps stand idle, and allow to vent trapped air, i.e. after drum change. After operation (end of shift) the pumps must be switched off and separated from the mains supply.

**EP 300-DS** is suitable for use with engine, gear and hydraulic oils from low to moderate viscosity.  
It is not supposed to be used with hose reels and/or set-ups of long oil promotion distances.

**EP 200-DS and EP 400-DS** are suitable for use with engine, gear and hydraulic oils from low to high viscosity.  
The achievable pressure rate of 16 bar allows their use with hose reels and/or set-ups of long oil promotion distances.

Please consider that hose and tube diameter, changes in flow direction, promotion distances, oil viscosity and ambient temperatures significantly determine the system's flowrate. In case of doubt please consult with MATO.



## Electric Pumps for Engine, Gearbox and Hydraulic Oil

### Description

Images and specifications can be subject to change

### Part No.

#### Electric Gear Pump system EP200-electronic

**11 l/min. 16 bar**

Self priming gear pump, technically identical to basic model EP 200, but equipped with electronic pump switch management based on pressure- and flow rate (Impulse Control), pressure relief device, and leakage protection (for details see operating advice below).

Offers **high pressure performance at moderate flow rate**

For fluids Hazard Class A3 with a flash point higher than 55° C

Threads: 3/4" (outlet) / 1" (inlet)

Output: approx. 11 l/min. (SAE30 at free delivery)

Max. Pressure: approx. 16 bar, Suction head to 2,5 m

Electric Data: 230V, 50Hz, 5.3A, 0.75kW, IP55

Electric Gear Pump system EP200-electronic

**34 368 03**

#### Electric Gear Pump system EP400-electronic

**22 l/min. 16 bar**

Self priming gear pump, technically identical to basic model EP 400, but equipped with electronic pump switch management based on pressure- and flow rate (Impulse Control), pressure relief device, and leakage protection (for details see operating advice below).

Offers **high pressure performance at high flow rate**

For fluids Hazard Class A3 with a flash point higher than 55° C

Threads: 3/4" (outlet) / 1" (inlet)

Output: approx. 22 l/min. (SAE30 at free delivery)

Max. Pressure: approx. 16 bar, Suction head to 2,5 m

Electric Data: 230V, 50Hz, 5.3A, 0.75kW, IP55

Electric Gear Pump system EP 400-electronic

**34 368 10**

#### Pressure relief device for MATO EP pumps

The device reduces internal system oil pressure when the pumps stands idle and allows to vent trapped air, i.e. after drum change or common system start-up. The product works with MATO EP pumps, starting year 6/2018. During system operation some oil re-flows into the drum. For this reason it is indispensable the reflow hose (1.5 m) is connected to the drum/reservoir.

The device comes with a 2" and 3/4" threaded connector for drum and tank mounting

Pressure relief device for MATO EP pumps

**34 336 97**

#### Operating advice:

The self-priming electric gear-wheel pumps EP 200- and EP 400-electronic are designed to transfer and dispense oil from low to high viscosity, at moderate or high flow rates. The high pressure output combined with an electronic pump management through electronically controlled switch behavior makes the pumps particularly suitable for the use with hose reels or for long promotion distances. When the filling gun is closed (pressure builds up), the pump is safely switched off, when the filling gun is opened (pressure decrease), the switch control monitors the flow rate, which is influenced by viscosity, hose diameter, temperature, and operates accordingly. The electronic switch control represents a significant performance increase as compared to electric gear wheel pumps without this feature. Part of the electronic pump management is a leakage protection through the limitation of the pump's runtime that prevents unwanted promotion. The adjustment works in 7 steps, from 2 to 25 minutes, or shut-off.

A pressure relief device (as described above - Art.-Nr. 34 336 97) is integral part of the electronically managed EP pump.

Please consider that hose and tube diameter, changes in flow direction, promotion distances, oil viscosity and ambient temperatures significantly determine the system's flowrate. In case of doubt please consult with MATO.



**Version feature  
leakage protection**



## Electric Gear Pump Systems for Engine, Gearbox and Hydraulic Oil

Description	Images and specifications can be subject to change without notice	Part No.
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### Electric Gear Pump System EP100

#### for 200 litre drum with 4 m delivery hose DN 12

Oil pump EP 100, steel suction tube for 200 litres drum, with 2" drum adaptor and foot valve, 4 m delivery hose DN12 (1/2") with swivel nut

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle

Output: approx. **11 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **8 bar**, suction height up to 2,5 m

EP100 Lube-Station E-200-4 with oil control gun **34 337 10**

EP100 Lube-Station E-200-4 with DIGIMET E35 **34 337 34**

### Electric Gear Pump System EP100

#### for 1.000 litre tank with 4 m delivery hose DN 12

Items described above, but with steel suction tube for 1000 litres tank

#### (Tank, bracket and drip tray not included)

The system is also available for a 700 l tank, price available upon request

EP100 Lube-Station E-1000-4 with oil control gun **34 337 58**

EP100 Lube-Station E-1000-4 with DIGIMET E35 **34 337 72**

### Electric Gear Pump System EP300

#### for 200 litres drum with 4 m delivery hose DN 20

Oil pump EP 300, steel suction tube for 200 litres drum, with 2" drum adaptor and foot valve,

**for approved unit with air eliminator valve,**  
4 m delivery hose DN20 (3/4") with swivel nut

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. **22 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **8 bar**, suction height up to 2,5 m

EP300 Lube-Station E-200-4 with oil control gun **34 341 06**

EP300 Lube-Station E-200-4 with DIGIMET E35 **34 341 44**

EP300 Lube-Station E-200-4-E with electronic meter **34 352 40**

### Electric Gear Pump System EP300

#### for 1.000 litre tank with 4 m delivery hose DN 20

Item as described above, but with steel suction tube for 1000 litres tank

#### (Tank, bracket and drip tray not included)

The system is also available for a 700 l tank, price available upon request

EP300 Lube-Station E-1000-4 with oil control gun **34 341 20**

EP300 Lube-Station E-1000-4 with DIGIMET E35 **34 341 82**

EP300 Lube-Station E-1000-4-E with electronic meter **34 356 60**



## Electric Gear Pump Systems for Engine, Gearbox and Hydraulic Oil

### Description

Images and specifications can be subject to change without notice

### Part No.

### Electric Gear Pump System EP300-DS

#### for 200 litre drum with pressure switch

Oil pump EP 300-DS, steel suction tube for 200 litre drum, with 2" drum adaptor and foot valve, for approved unit with air eliminator valve, 4 m delivery hose DN20 (3/4") with swivel nut

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. 22 l/min. (SAE30 at free delivery)

Max. pressure: approx. 8 bar, suction height up to 2,5 m



EP300-DS Lube-Station E-200-4 with Oil control gun

**34 342 36**

EP300-DS Lube-Station E-200-4 with DIGIMET E35

**34 341 99**

EP300-DS Lube-Station E-200-4-E, with electronic Meter

**34 353 70**

### Electric Gear Pump System EP300-DS

#### for 1.000 litre tank with pressure switch

Item as described above, but with steel suction tube for 1000 litre tank for approved unit with air eliminator valve

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

(Tank, bracket and drip tray not included)

The system is also available with a 700 l tank, price available upon request



EP300-DS Lube-Station E-1000-4 with oil control gun

**34 342 50**

EP300-DS Lube-Station E-1000-4 with DIGIMET E35

**34 342 12**

EP300-DS Lube-Station E-1000-4-E with electronic meter

**34 359 50**

## Electric Gear Pump Systems for Engine, Gearbox and Hydraulic Oil

### Description

Images and specifications can be subject to change without notice

### Part No.

### Electric Gear Pump System EP100-F, mobile

#### for 200 litre drum with 4 m delivery hose DN 12

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

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle

All versions also available with

**Premium trolley, 2 puncture-proof PU-foamed wheels and 2 lockable swivel castors**

additional charge (see page 73)

Output: **approx. 11 l/min.** (SAE30 at free delivery)

Max. pressure: **approx. 8 bar**, suction height up to 2,5 m

EP100-F, mobile E-200-4 with oil control gun

**34 338 19**

EP100-F, mobile E-200-4 with DIGIMET E35

**34 338 33**

### Electric Gear Pump System EP200-F, mobile

#### for 200 litre drum with 10 m hose reel, DN 12

Oil pump EP 200, steel suction tube for 200 litre drum with 2" drum adaptor and foot valve, **for approved unit with air eliminator valve**, robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor, hose reel, open, with 10 m delivery hose DN12 (1/2")

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. **11 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **16 bar**, suction height up to 2,5 m

EP200-F, mobile E-200-R with oil control gun

**34 338 57**

EP200-F, mobile E-200-R with DIGIMET E35

**34 338 71**

EP200-F, mobile E-200-R-E with electronic meter

**34 338 95**

### Electric Gear Pump System EP300-F, mobile

#### for 200 litre drum with 4 m delivery hose DN 20

Oil pump EP 300, steel suction tube for 200 litre drum with 2" drum adaptor and foot valve, **for approved unit with air eliminator valve**, 4 m delivery hose DN20 (3/4") with swivel nut robust trolley with holster for control valve, black painted, 2 wheels, 1 swivel castor

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. **22 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **8 bar**, suction height up to 2,5 m

EP300-F, mobile E-200-4 with oil control gun

**34 343 59**

EP300-F, mobile E-200-4 with DIGIMET E35

**34 343 80**

EP300-F, mobile E-200-4-E with electronic meter

**34 366 50**





## Compact Electric Oil Pump Systems

Description	Images and specifications can be subject to change without notice	Part No.
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### Electric Gear Pump System EP100

#### with 1.000 litre tank and 4 m delivery hose DN12

Oil pump EP 100, steel suction tube for 1000 litre tank with 2" drum adaptor and foot valve,  
**for approved unit with air eliminator valve,**  
 4 m delivery hose DN12 (1/2") with swivel nut,  
 1.000 litre oil and waste oil tank, transportable by forklift, including level indicator, drip tray with holder, pump bracket

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. **11 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **8 bar**, suction height up to 2,5 m



EP100 Lube-Tank E-1000T-4 with Oil control gun

**34 345 26**

EP100 Lube-Tank E-1000T-4 with DIGIMET E35

**34 345 33**

EP100 Lube-Tank E-1000T-4-E with electronic meter, approved

**34 360 63**

### Electric Gear Pump System EP300

#### with 1.000 litre tank and 4 m delivery hose DN20

Oil pump EP 300, steel suction tube for 1000 litre tank with 2" drum adaptor and foot valve,  
**for approved unit with air eliminator valve,**  
 4 m delivery hose DN20 (3/4") with swivel nut,  
 1.000 litre oil and waste oil tank, transportable by forklift, including level indicator, drip tray with holder, pump bracket

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. **22 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **8 bar**, suction height up to 2,5 m



EP300 Lube-Tank E-1000T-4 with oil control gun

**34 345 57**

EP300 Lube-Tank E-1000T-4 with DIGIMET E35

**34 345 40**

EP300 Lube-Tank E-1000T-4-E with electronic meter, approved

**34 360 70**

## Compact Electric Oil Pump Systems

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Compact Electric Oil Pump System EP200

##### with 1.000 l tank and 10 m hose reel, DN12

Oil pump EP 200, steel suction tube for 1000 litre tank with 2" drum adaptor and foot valve, for approved unit with air eliminator valve, hose reel, open with 10 m delivery hose DN12 (1/2") 1.000 litre oil and waste oil tank, transportable by forklift, including level indicator, drip tray with holder, pump bracket

either with

- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. 11 l/min. (SAE30 at free delivery)

Max. pressure: approx. 16 bar, suction height up to 2,5 m

EP200 Lube-Tank E-1000T-R with DIGIMET E35

**34 348 16**

EP200 Lube-Tank E-1000T-R-E with electronic meter

**34 362 85**

#### Compact Electric Oil Pump System EP200-DS

##### with 1.000 l tank, pressure switch and hose reel

as described above,

**but with pressure switch**

Output: approx. **11 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **16 bar**, suction height up to 2,5 m

EP200-DS Lube-Tank E-1000T-R with DIGIMET E35

**34 348 23**

EP200-DS Lube-Tank E-1000T-R-E with electronic meter

**34 364 76**

#### Compact Electric Oil Pump System EP400

##### with 1.000 l tank and 8 m hose reel, DN16

Oil pump EP 400, steel suction tube for 1000 litre tank with 2" drum adaptor and foot valve, **for approved unit with air eliminator valve**, hose reel, open with 8 m delivery hose DN16 (3/4"), 1.000 litre oil and waste oil tank, transportable by forklift, including level indicator, drip tray with holder, pump bracket

either with

- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

Output: approx. **22 l/min.** (SAE30 at free delivery)

Max. Pressure: approx. **16 bar**, Suction head to 2.5 m

EP400 Lube-Tank E-1000T-R with DIGIMET E35

**34 348 30**

EP400 Lube-Tank E-1000T-R-E with electronic meter

**34 363 60**

#### Compact Electric Oil Pump System EP400-DS

##### with 1.000 l tank, pressure switch and hose reel

as described above,

**but with pressure switch**

Output: approx. **22 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **16 bar**, suction height up to 2,5 m

EP400-DS Lube-Tank E-1000T-R with DIGIMET E35

**34 349 60**

EP400-DS Lube-Tank E-1000T-R-E with electronic meter

**34 364 90**



## Electric Oil Pump Systems for IBC-Container

### Description

Images and specifications can be subject to change without notice

### Part No.

### Electric Gear Pump System EP100-IBC

#### for 1.000 l IBC container with 4 m delivery hose

Electric oil pump EP 100,  
pump bracket with 2" TriSure adaptor (male) to 2" BSP (female),  
steel suction tube for 1.000 litre IBC container with foot valve,  
**for approved unit with air eliminator valve,**  
drip tray with holder, 4 m delivery hose DN12 (1/2") with swivel nut

#### either with

- Oil control gun with engine oil nozzle
- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

**(IBC container not included)**

Output: approx. **11 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **8 bar**, suction height up to 2,5 m



EP100-IBC Lube-Station E-1000-4 with oil control gun

**34 037 20**

EP100-IBC Lube-Station E-1000-4 with DIGIMET E35

**34 037 51**

EP100-IBC Lube-Station E-1000-4-E with electronic meter

**34 037 82**

### Electric Gear Pump System EP400-IBC

#### for 1.000 l IBC container with 8 m hose reel, DN16

Electric oil pump EP 400,  
pump bracket with 2" TriSure adaptor (male) to 2" BSP (female),  
steel suction tube for 1.000 litre IBC container with foot valve,  
**for approved unit with air eliminator valve,**  
drip tray with holder,  
Hose Reel, open with 8 m delivery hose DN16 (3/4")

#### either with

- DIGIMET E35 hose end meter with engine oil nozzle
- Electronic hose end meter, approved version

**(IBC container not included)**

Output: approx. **22 l/min.** (SAE30 at free delivery)

Max. pressure: approx. **16 bar**, suction height up to 2,5 m



EP400-IBC Lube-Station E-1000-R with DIGIMET E35

**34 038 05**

EP400-IBC Lube-Station E-1000-R-E with electronic meter

**34 039 04**

Accessories for Electric Gear Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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Steel Suction Tube for Electric Pumps

with 2" drum adaptor

Steel suction tube with 2" drum adaptor, thread 1"

Steel suction tube for 50/60 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

Steel Suction Tube for approved Electric Pumps

with air elimination valve

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 tank	35 619 56
Suction tube with air elimin. valve for 1000 l tank and IBC container	35 619 32

Suction Hose DN 25

with both ends 1" swivel nuts

Suction hose 500 mm R1" straight	34 712 24
Suction hose 2000 mm R1", 90° elbow at one end	34 712 48

Delivery Hose DN 20

with both ends 3/4" swivel nuts

Delivery hose DN20 3/4", swivel nuts, 1,5 m	34 713 16
Delivery hose DN20 3/4", swivel nuts, 4,0 m	34 713 54
Delivery hose DN20 3/4", swivel nuts, 8,0 m	34 713 92

Trolley for 200 litre Oil / 180 kg Grease Drums

**Standard-Trolley** for 200 litre / 180 kg drums, **black painted**, robust all steel construction, **2 hard rubber wheels**, **1 lockable swivel castor** and holster for control valve.

**Premium-Trolley** for 200 litre / 180 kg drums, **black painted**, robust all steel construction, **2 puncture-proof PU-foamed wheels**, **2 lockable swivel castor** and holster for control valve.

Standard-Trolley for 200 litre / 180 kg drums	34 701 80
PremiumTrolley for 200 litre / 180 kg drums	34 701 66





## Accessories for Electric Gear Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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### Pumps Brackets for Electric Pumps and hose reels

Suitable for 700 und 1000 litre oil and waste oil tanks

Pump bracket for Schütz tank	700/1000 litre	<b>34 703 26</b>
Pump bracket for Roth tank	700/1000 litre	<b>34 703 33</b>
Pump bracket for Nau + Dehoust tank	700/1000 litre	<b>34 703 40</b>
Pump bracket for 1000 litre IBC-container		<b>34 703 19</b>

### Wall Bracket for Electric Pumps

Designed for safe mounting of electric pumps

Wall bracket for electric pumps	<b>34 702 96</b>
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### Carrying Handle for Electric Gear Pumps

Carrying handle for electric gear pumps, suitable e.g. for EP100/200/300/400 as well as for AEP100 and EP60

Carrying Handle for Electric Gear Pumps	<b>35 590 14</b>
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### Drip Tray with Holder

#### for oil control gun or hose end meter

Tank or wall mounted, with removable drip tray

For tank and IBC-container, can be mounted with special clamps

Drip tray for wall mounting	<b>34 707 60</b>
Drip tray for tank mounting	<b>34 707 77</b>
Drip tray for 1000 litre IBC container	<b>34 708 07</b>

### Screw Cap for IBC-Container

Screw cap for IBC container, includes 2" TriSure adaptor (male) to 2" BSP (female)

Screw cap for IBC container	<b>34 705 24</b>
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### 2" TriSure-Adaptor (male) to 2" BSP (female)

2" TriSure adaptor (male) to 2" BSP (female), designed for units with 2" drum adaptor

2" TriSure adaptor (male) to 2" BSP (female)	<b>34 705 00</b>
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## Electric Pump for Vegetable Oil, Accessories

Description	Images and 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, 2 m supply cable, designed for vegetable oil and products up to 500 cSt.		
Output : approx. 60 l /min (free delivery)		
Max. pressure: approx. 6 bar, suction height up to 2,5 m,		
Electric data : 230V, 50 Hz, 1.6 KW, IP55		
Connections: R 1" female		
Electric vane pump EP 60		<b>34 310 20</b>
<b>In Line Flow Meter DIGIMET M100</b>		
Volumetric measurement principle, mechanical meter, calibratable, flow rates of between 10-100 litre per minute, maximum operating pressure 10 bar, threads R1" Female, accuracy +/- 1% after calibration, delivery counter 0-999 l resettable, 6 digit totaliser, aluminium body, also suitable for lubricating oils. The cover can be repositioned to suit the preferred direction of flow.		
In-line flow meter DIGIMET M100		<b>35 409 06</b>
<b>In Line Flow Meter DIGIMET E110</b>		
Volumetric measurement principle, mechanical meter, calibratable, flow rates of between 10-100 litre per minute, maximum operating pressure 30 bar, threads R1" female, accuracy +/- 0,5% after calibration, delivery counter 0-999 litre resettable, 8 digit totaliser, rotatable display, aluminium body, also suitable for lubricating oils.		
In-line flow meter DIGIMET E110		<b>35 410 95</b>
<b>Meter Mounting Kit for EP 60</b>		
Double ended connector with plastic seal G1"		
Meter mounting set for EP 60		<b>35 420 78</b>
<b>Suction Hose DN25 with 2" Drum Adaptor</b>		
Fits EP60, EP140 and EP12/24 PLUS, R1" at one end, with suction filter and backlash valve		
Suction hose DN25, R1" fittings, 2.0 m		<b>34 712 86</b>
<b>Steel Suction Tube with 2" Drum Adaptor</b>		
Steel suction tube for 200 litre drum		<b>35 620 38</b>
Steel suction tube for 700 litre tank		<b>35 620 52</b>
Steel suction tube for 1000 litre tank		<b>35 620 76</b>
<b>Suction Hose DN25</b>		
Suction hose with R1" swivel nuts at each end		
Suction Hose 500 mm, R1" fittings		<b>34 712 24</b>
<b>Delivery Hose DN25</b>		
Fits EP60, EP140 and EP12/24 PLUS, with R1" fittings		
Delivery hose DN 25 - hose length 4,0 m		<b>34 715 14</b>
Delivery hose DN 25 - hose length 8,0 m		<b>34 715 76</b>
<b>Automatic Filling Gun AZ for Vegetable Oil</b>		
Suitable for flow rates up to 80 l/min., with swivel, R1" male thread, <b>designed for vegetable oil and products up to 500 cSt.</b>		
Automatic filling gun AZ for vegetable oil, flow rate up to 60 l/min.		<b>34 393 92</b>
Automatic filling gun AZ for vegetable oil, flow rate up to 80 l/min.		<b>34 394 22</b>



# mato



## Hose End Meters and Filling Guns for Lubricating Oil

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





Hose End Meters and Filling Guns for Lubricating Oil

Description	Images and specifications can be subject to change without notice	Part No.
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DIGIMET E30 for Preset Delivery

Preset delivery from 0.1 to 99.9 litre,  
automatic shut-off when preset volume reached,  
accuracy +/- 0.5%, working pressure max. 67 bar,  
swivel and double ended connector 1/2" - 3/4" male,  
electronic LCD display

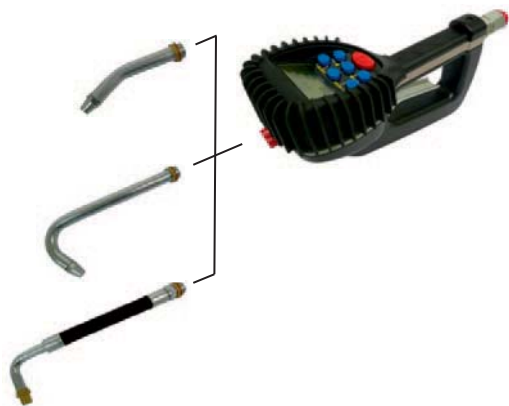


DIGIMET E30 Preset without extension 35 414 15

DIGIMET E30 Preset with non-drip nozzle for engine oil 35 414 22

DIGIMET E30 Preset for gear oil with non-drip nozzle 35 414 39

DIGIMET E30 Preset with hose and non-drip nozzle for engine oil 35 414 46



Electronic Hose End Meter , with swivel  
calibratable to legal measuring standards

Electronic hose end meter, designed to meet the European  
Measurements Instrument Directive MID, based on **OIML R117**.  
**Unit features permanent data memory**, resettable digital display,  
max. working pressure 100 bar, flow range: 1 - 10 l/min.  
Accuracy +/- 0.3% (8-2000 mPas), with double threaded  
connectors 1/2" and 3/4" male.  
[Producer calibration certificate included].

**Only MATO oil transfer systems that are configured with this  
meter AND electric/pneumatic pump components made by  
MATO meet the directives of MID!**

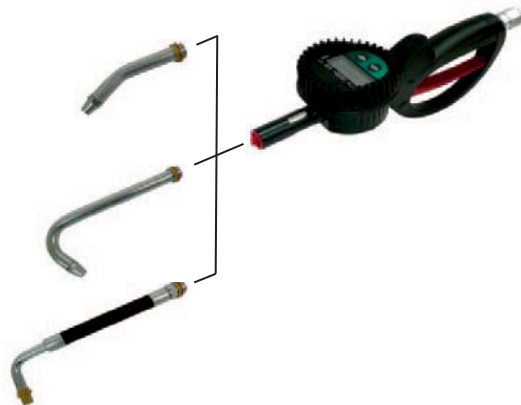


Electronic hose end meter MID, without nozzle 35 414 91

Electronic hose end meter MID,  
with non-drip nozzle for engine oil 35 415 07

Electronic hose end meter MID,  
for gear oil with non-drip nozzle 35 415 14

Electronic hose end meter MID,  
with hose and non-drip nozzle for engine oil 35 415 21



## Hose End Meters for Various Liquids and Accessories

Description	Images and 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>		
Equipped with LCD display, swivel, with gun and non-drip nozzle, maximum flow rate 35 l/min, 2 displays (totaliser and resettable display of dispense), accuracy +/- 0.5 %, with protector, calibratable, with nipples for 1/2" and 3/4" outlets max. 100 bar, facility for flow rate metering		
<b>Brake fluids and other fluids on request!</b>		
DIGIMET E35-AF hose end meter with hose and non-drip nozzle		<b>35 412 31</b>
<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		<b>35 410 71</b>
<b>DIGIMET E35-WS Hose End Meter</b>		
<b>for windscreen cleaner and AdBlue®</b>		
Equipped 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		
DIGIMET E35-WS hose end meter with non-drip nozzle		<b>35 412 48</b>
<b>Accessories for Oil Filling Guns and Hose Meters</b>		
Nozzle with non-drip nozzle for engine oil		<b>35 402 58</b>
Nozzle for gear oil without non-drip nozzle		<b>35 402 72</b>
Nozzle for gear oil with non-drip nozzle		<b>35 402 65</b>
Flexible hose with non-drip nozzle for engine oil		<b>35 402 96</b>
Inspection window for approved hose end meter		<b>35 412 93</b>
Straight swivel, 1/2" female / male		<b>35 490 08</b>
Double ended connector 1/2" - 1/2" male		<b>39 912 03</b>
Double ended connector 1/2" - 3/4" male		<b>39 912 34</b>
Rubber protector for hose end Meter and line meter		<b>35 412 62</b>



## Solenoid Valve, Pulse Meter

Description	Images and specifications can be subject to change without notice	Part No.
<b>Solenoid Valve 24V DC</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		<b>35 805 20</b>
<b>Solenoid Valve AF-24V DC</b>		
<b>for Anti-Freeze and hydrous fluids</b>		
Connecting threads: 1/2" female, Inlet/Outlet 180° Working pressure: max. 16 bar (230 psi), max. flow 35 l/min.		
Solenoid valve AF-24V DC		<b>35 805 44</b>
<b>Solenoid Valve HP-24V DC</b>		
<b>for grease</b>		
Connecting threads: R3/8" female, inlet/outlet 90°, working pressure: max. 400 bar (5,800 psi), max. flow 500 g/min.		
Solenoid valve HP-24V DC		<b>35 805 75</b>
<b>Pulse Meter</b>		
<b>for lubricating oils, diesel and light fuel oil</b>		
Output: 100 Pulses per litre (1 channel) Connecting treads: 1/2" female Accuracy: +/- 0,5%, Pmax 80 bar (1.160 psi), 0,5 - 40 l/min.		
<b>Suitable for engine, gearbox and hydraulic oils, as well as diesel and light fuel oil</b>		
Pulse meter		<b>35 806 29</b>
<b>Pulse Meter, 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 (1.015 psi), 0,5 - 35 l/min.		
<b>Suitable for engine, gearbox and hydraulic oils</b>		
Pulse Meter without display, approved		<b>35 806 67</b>
<b>Pulse Meter, 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 (1.015 psi), 0,5 - 35 l/min. including Certificate of Approval: 1-10 l/min		
<b>Suitable for engine, gearbox and hydraulic oils</b>		
Pulse Meter with display, approved		<b>35 806 50</b>
<b>Pulse Meter AF</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>Brake fluids and other fluids on request!</b>		
Pulse meter AF		<b>35 806 36</b>
<b>Pulse Meter DIGIMET E5-P</b>		
<b>for Grease</b>		
Output: 1.400 Pulses per litre (1 channel) Connecting threads: 1/8" female Accuracy: +/- 0,5%, Pmax 1.000 bar (14.500 psi), max. flow: 100 - 2.500 ccm/min.		
Pulse meter DIGIMET E5-P		<b>35 417 12</b>



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## Hose Reels, open and Accessories

Description	Images and specifications can be subject to change without notice	Part No.
<b>Hose Reel, open</b>		
<b>with swivel and hose stopper, max. 60 bar (870 psi)</b>		
Designed for wall, ceiling and floor mounting, suitable for engine, gearbox and hydraulic oils, as well as diesel, light fuel oil and Anti-Freeze		
Connecting threads on model <b>DN 12 (1/2")</b>		
Hose: 1/2" swivel nuts, swivel 1/2" male		
Connecting threads on model <b>DN 16 (3/4")</b>		
Hose: 3/4" swivel nuts, swivel 3/4" male		
Hose reel, open, without hose for max. 15 m hose DN12 (1/2")		<b>35 204 10</b>
Hose reel, open, without hose for max.12 m hose DN16 (3/4")		<b>35 204 34</b>
Hose reel, open, with 10 m hose DN 12 (1/2")		<b>35 210 04</b>
Hose reel, open, with 15 m 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 with Stainless Steel Shaft, open</b>		
<b>stainless steel swivel, max. 300 bar (4.350 psi)</b>		
Suitable for e.g. windshield cleaner, water, AdBlue® and neutral emulsions. Further liquids upon request.		
<b>EPDM-hose, conductive DN12 (1/2") max. 20 bar,</b> stainless steel (1.4305) swivel R1/2" outlet		
Hose reel with stainless steel shaft, open, without hose		<b>35 211 03</b>
Hose reel with stainless steel shaft, open, with 10 m hose DN 12		<b>35 211 27</b>
Hose reel with stainless steel shaft, open, with 15 m hose DN 12		<b>35 211 41</b>
<b>Hose Reel for Grease, open, with Swivel</b>		
<b>and hose stopper, max. 500 bar (7.350 psi)</b>		
Designed 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>		
Brass swivel for oil, diesel, anti-freeze, etc., max. 60 bar		
stainless steel swivel for e.g. windshield cleaner, water		
AdBlue®, max. 300 bar		
Galvanized steel swivel for grease, max. 500 bar		
Swivel for hose reel DN 12 - 1/2" outlets		<b>35 219 98</b>
Swivel for hose reel DN 16 - 1/2" - 3/4" outlets		<b>35 220 01</b>
Swivel for hose reel with stainless steel shaft, 1/2" outlets		<b>35 221 00</b>
Swivel for hose reel for grease, 1/2" - 1/4" outlet/inlet		<b>35 319 97</b>
<b>EPDM-hose, conductive</b>		
Connecting hose for hose reel, open with stainless steel shaft incl. swivel nuts 1/2" in stainless steel, max. 20 bar		
EPDM-hose, conductive 1 m		<b>34 620 79</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>



Hose Reels, cased and Accessories

Description	Images and specifications can be subject to change without notice	Part No.
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Hose Reel, cased

with hose stopper, max 60 bar (870 psi)

Designed 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. Cases can be  
configured with three different versions of hose outlet window.  
Rows of cased reels can be mounted side by side without space gaps.

External thread for Unit DN 12 - 1/2" outlet

External thread for Unit DN 16 - 3/4" outlet

Dimensions: height/width/depth 470 / 215 / 500 mm

Hose reel, cased, with 10 m hose DN 12 (1/2")	35 230 39
Hose Reel, cased, with 15 m hose DN 12 (1/2")	35 230 60
Hose reel, cased, with 8 m hose DN 16 (3/4")	35 232 06
Hose Reel, cased, with 12 m hose DN 16 (3/4")	35 232 37

Hose Reel for Grease, cased

with hose stopper, max. 500 bar

Designed for wall, ceiling and floor mounting  
suitable for use in high pressure applications.  
Different configurations possible, see above.

External Thread 1/4" outlet

Hose reel for grease, cased with 10 m hose DN 6 (1/4")	35 235 10
Hose reel for grease, cased with 15 m hose DN 6 (1/4")	35 235 41

Wall Bracket for cased Hose Reels

This special mounting bracket enables  
the cased hose reels to swivel.  
The full range of swivel is 120 degrees

Wall Bracket for cased Hose Reels	35 321 85
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Mounting Installation Kit for

cased Hose Reels

Cased Hose Reels can be wall or  
ceiling mounted with these kits

Mounting Installation Kit for 2 cased Hose Reels	35 324 20
Mounting Installation Kit for 3 cased Hose Reels	35 324 37



Hose Reel for Compressed Air, Aluminum Hose Retainer

Description	Images and specifications can be subject to change without notice	Part No.
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Hose Reel for Compressed Air, Cased

Cased hose reel for air, with swivel bracket for wall mounting, portable/mobile, can be detached from bracket with carry handle  
hose length 11 m, 8x12, with hose stopper  
inlet hose 1,5 m, connecting thread 1/4"  
Maximum working pressure: 20 bar (290 psi)

Wall bracket for air hose reel 35 322 60

Cased hose reel for compressed air 34 024 02

Aluminum Hose Retainer

The hose retainers are perfectly suitable for hoses, cables and ropes.  
Variable screw-hole pattern (7 holes) allow for flexible wall mounting.  
The countersunk holes ensure a smooth and flat surface

Dimensions:

- Aluminum hose retainer small  
A: 186 mm B: 75 mm C: 85 mm D: 57 mm
- Aluminum hose retainer medium  
A: 248 mm B: 96 mm C: 118 mm D: 97 mm
- Aluminum hose retainer big  
A: 336 mm B: 124 mm C: 152 mm D: 132 mm
- Aluminum hose retainer oversize  
A: 358 mm B: 124 mm C: 152 mm D: 132 mm

Aluminum hose retainer small	35 198 10
Aluminum hose retainer medium	35 198 27
Aluminum hose retainer big	35 198 34
Aluminum hose retainer oversize	35 198 41



## Waste Oil Drainers, Mobile

### Description

Images and specifications can be subject to change without notice

### Part N.

#### Waste Oil Drainer 75 l, Mobile

##### with air pressure discharge

Mobile waste oil drainer, reservoir capacity 75 l,  
with 2 fixed wheels and 2 swivel castors,  
drain bowl diameter Ø 420/560 mm, height adjustable  
sight level gauge, tool tray,  
discharge hose 2 metres with angled spout  
(suction probe connection Ø 12 mm)

Waste oil drainer 75 l, mobile, with air pressure discharge

**35 541 87**

#### Waste Oil Drainer and Vacuum Extraction Unit

##### w/o inspection chamber, with air pr. discharge

Fully mobile waste oil drainer and vacuum extraction unit,  
with 2 fixed wheels and 2 swivel castors, reservoir capacity 75 l  
with air pressure gauge, tool tray,  
2 m suction hose with snap-on coupling system  
for the included suction probes.  
2 m discharge hose with angled spout,  
extendable tube with swivelling drain bowl  
with filter mesh (Ø 420/560 mm)

##### Accessories:

2 suction probes, rigid, Ø 5 and 6 mm, 680 mm long  
3 suction probes, flexible, Ø 5, 6 and 8 mm, 680 mm long  
1 suction probe, flexible, Ø 7 mm, 980 mm long  
(suction probe connection Ø 12 mm)

Waste oil drainer and vacuum extraction 75 l w/o inspection chamber **35 543 47**

#### Waste Oil Drainer and Vacuum Extraction Unit

##### with inspection chamber, with air pr. discharge

Fully mobile waste oil drainer and vacuum extraction unit,  
with 2 fixed wheels and 2 swivel castors,  
reservoir capacity 75 l with air pressure gauge,  
inspection chamber capacity 10 l, tool tray,  
2 m suction hose with snap-on coupling system  
for the included suction probes.  
2 m discharge hose with angled spout,  
extendable tube with swivelling drain bowl  
with filter mesh (Ø 420/560 mm)

##### Accessories:

2 suction probes, rigid, Ø 5 and 6 mm, 680 mm long  
3 suction probes, flexible, Ø 5, 6 and 8 mm, 680 mm long  
1 suction probe, flexible, Ø 7 mm, 980 mm long  
(suction probe connection Ø 12 mm)

Waste oil drainer and vacuum extraction 75 l with inspection chamber **35 543 78**





Waste Oil Pumps and Accessories

Description	Images and specifications can be subject to change without notice	Part No.	t
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Electric Gear Pump AEP 100 for Waste Oil

Self priming gear pump with accessories  
for clean handling of waste oil.  
Delivery pressure max: 8 bar,  
output:10 l/min. free delivery (SAE15W-40)  
Threads: 3/4"  
Motor: 0.37 KW, 230V, 50 Hz, 2.9 A, IP 55

Accessories: suction hose, suction probes, oil change adaptor,  
suction pipe, 4 meters delivery hose, elbow with 2" drum adaptor  
and snap-on coupling.  
(suction probe connection Ø 16 mm)



Electric gear pump system AEP 100	35 505 23
Electric gear pump AEP 100 with suction filter	35 505 09

Carrying Handle for Electric Gear Pumps

Carrying handle for electric gear pumps,  
suitable e.g. for EP100/200/300/400  
as well as for AEP100 and EP60

Carrying Handle for Electric Gear Pumps	35 590 14
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Suction-Probe Adaptor

Adaptor for suction probes,  
reduction from Ø 16 mm to Ø 12 mm



Suction probe adaptor Ø 16/12 mm	35 548 59
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Suction Probes and Adaptors for waste oil drainer

Suction-probe connection Ø 12 mm



Flexible suction probe, Ø = 5 mm    length = 680 mm	35 548 04
Flexible suction probe, Ø = 6 mm    length = 680 mm	35 548 11
Flexible suction probe, Ø = 7 mm    length = 980 mm	35 548 28
Flexible suction probe, Ø = 8 mm    length = 680 mm	35 548 35

Rigid suction probe, Ø = 5 mm    length = 680	35 549 03
Rigid suction probe, Ø = 6 mm    length = 680	35 549 10

Suction adaptor for VW	35 547 05
Suction adaptor for BMW	35 547 12
Suction adaptor for Citroen	35 547 29



## Waste Oil Funnels and Liquid Extraction and Transfer Units

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Waste Oil Collecting Funnel, 400 / 560 mm

Waste oil collecting funnel, ø 400 / 560 mm  
designed to fit to container with R2" drum adaptor

Metal funnel ø 400 mm  
Ø 560 mm plastic top with insert mesh

750 mm pipe length with ball valve  
R2" bung adapter vertical individually adjustable

Waste Oil Collecting Funnel, 400 / 560 mm

**35 549 58**

#### Plastic Funnel with Flap Lid

Plastic funnel with stainless steel strainer  
and lockable flap lid  
Suitable for waste oil and chemical disposal  
Material: PP  
Diameter: 250 mm

Thread: R2" and 2" TriSure, male

Funnel FSC-PP-250 (ø 250 mm) with flap lid

**33 517 00**

#### Liquid Extraction and Transfer Unit, Static

The extraction and discharge unit with 6 l capacity  
is suitable for fluids such as oil, diesel, emulsions,  
water, coolants and other non-aggressive fluids.  
Not suitable for liquids with A1 flash point <21° C  
(Gasoline, aviation fuel, etc.)

##### Accessories:

1,5 m suction and discharge hose with ball valve  
and snap-on connector for suction probes  
including 2 flexible suction probes  
6 and 8 mm diameter, 680 mm long  
(Suction Probe Connection Ø 16 mm)

For more suction probes and suction adaptors please  
see accessories for waste oil pumps

Liquid extraction and discharge unit 6 l, static

**35 554 12**

#### Liquid Extraction and Transfer Unit, Static

The extraction and discharge unit with 18 l capacity  
is suitable for fluids such as oil, diesel, emulsions,  
water, coolants and other non-aggressive fluids.  
Not suitable for liquids with A1 flash point <21° C  
(Gasoline, aviation fuel, etc.)

##### Accessories:

1,5 m suction and discharge hose with ball valve  
and snap-on connector for suction probes  
including 2 flexible suction probes  
6 and 8 mm diameter, 680 mm long  
(Suction Probe Connection Ø 16 mm)

For more suction probes and suction adaptors please  
see accessories for waste oil pumps

Liquid extraction and discharge unit 18 l, mobile

**35 554 43**



## Oil and Waste Oil Tanks, Safety Drum Stand, Tank Level Monitors

Description	Images and specifications can be subject to change without notice	Part No.
<b>Oil and Waste Oil Tank</b>		
<b>double walled, transportable by forklift</b>		
Authorised for use with fluids according Hazard Class A3, inner tank of seamless, blow moulded HDPE, galvanised steel outer skin, corrosion resistant and maintenance free, no additional leakage precautions required. Level gauge fitted. Clear visual indication of leakage.		
Dimensions (Length x Width x Height): 1135 x 720 x 1210 mm (700 litre) 1135 x 720 x 1640 mm (1.000 litre)		
Fresh oil and waste oil tank, 700 litre		<b>35 507 14</b>
Fresh oil and waste oil tank, 1.000 litre		<b>35 510 18</b>
<b>Safety Drum Stand (German TÜV/GS approved)</b>		
Galvanized or painted drum stand with galvanised mesh, space for maximum of two 200 litre drums, sump capacity 205 litre Maximum loading: 500 kg Item weight: 61 kg (approx.)		
Painted drum stand for 2 x 200 litre oil drums, 1.200x800x325 mm		<b>35 510 87</b>
Galvanized drum stand for 2x 200 litre oil drums, 1.200x800x325 mm		<b>35 510 70</b>
<b>Excess Fill-Level Alarm</b>		
With integrated visual and acoustic alarms. Switch to acknowledge alarm system. Approved for lubricating and waste oils. Control unit and connections with integral warning lamp and acoustic alarm.		
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.		
Overfill Level Alarm		<b>35 610 24</b>
<b>Limit Controller</b>		
<b>as per TRbF 511 (6/82)</b>		
Suitable 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 m.		
German PTB approval: 01/PTB III B/S 1014-1 General inspection approval: Z - 65.17 - 182		
Limit Controller according to TRbF511 (6/82)		<b>35 610 00</b>
<b>Tank Filler Point</b>		
Tank filler point with screw cap 90° elbow, 2" connection.		
Tank filler point		<b>35 698 08</b>
<b>Tank Air Vent 2"</b>		
Features vent pipe with 2" thread and vent cover.		
Tank air vent, thread 2"		<b>35 698 46</b>



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## Electric Pumps for Diesel, Light Fuel Oil and Similar Fluids

Description	Images and specifications can be subject to change without notice	Part No.
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### Universal DRILL - PUMP

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 20 l/min., suction height: up to 1.5 m, hose connection 1", axle Ø 8 mm

Universal DRILL - PUMP **34 305 80**

### Self Priming Pump EP 12 / EP 24

Self priming electric vane pump 3/4" (female), IP 54, 1,5 bar, with clips for battery terminals, suitable for diesel and light heating oil.

#### 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**

### Electric Vane Pump EP 55

Self priming vane pump with integral by-pass pressure regulator, anti syphon valve, mains cable, nozzle holster, 2" BSP bung adaptor,

Output: 55 l/min. free delivery, max. pressure: 2 bar

Output: approx. 55 l/min. (free delivery)

Max. pressure: approx. 2 bar

Electric data : 230V, 50Hz, IP55, 0,46 kW

Suction height: up to 2,5 m

EP 55 Pump without accessories (threads 1" female) **34 315 01**

EP 55 Pump with bung adaptor and nozzle holster **34 315 18**

### Electric Vane Pump EP60

Self priming vane pump with integral bypass pressure regulator, 2m mains cable, designed for vegetable oil and products up to 500 cSt.

Output: approx. 60 l/min. (free delivery)

Max. pressure: approx. 6 bar / 87 psi

Electric data: 230V, 50Hz, IP55, 1.6 kW

Threads: R 1" female

Suction height: up to 2,5 m

Electric vane pump EP 60 **34 310 20**

### Electric Vane Pump EP140

Self priming electric vane pump with integral by-pass pressure regulator, 3 m mains cable, on/off switch

Output: approx. 80 l/min. (free delivery)

Max. pressure: 2.5 bar / 36 psi approx.

Electrical data: 230 V, 50 Hz, IP 55, 0.5 KW

Threads: inlet and outlet 1" BSP (male)

Suction height: 2,5 m

Electric Vane Pump EP140 **34 382 10**

### Electric Vane Pump EP12 PLUS

Self priming electric vane pump with integral by-pass pressure regulator, 3 m mains cable and clips for battery terminals

Output: approx. 80 l/min. (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: up to 2,5 m

Electric vane pump EP12 PLUS **34 380 12**

### Electric Vane Pump EP24 PLUS

Self priming electric vane pump with integral by-pass pressure regulator, 3 m mains cable and clips for battery terminals

**as per above specification, but with 24V DC**

Electric vane pump EP24 PLUS **34 381 28**



## Electric Pumps for Diesel and Light Fuel Oil

### Description

Images and specifications can be subject to change without notice

### Part No.

### Universal Electric Drum Pump AP 30L

#### not self priming

Universal, ready to use transfer pump kit with priming lever, for diesel and fuel oil, 2" BSP and M64 x 4 bung adaptor.

Kit also includes:

3 part telescopic suction tube (480 - 1100 mm)

2,5 m reinforced delivery hose,

filler nozzle and hose clips

**Not suitable for water or other fluids!**

Technical Data:

AP 30L/230: 230 V AC/50HZ, 0.20kW / 0.9A, approx. 30 l/min.

AP 30L/12: 12 V DC, 0.11kW / 9.2A, approx. 25 l/min.

AP 30L/24: 24 V DC, 0.125kW / 5.2A, approx. 25 l/min.

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**

### Electric Pump Kit EP 12 / EP 24

Self priming electric vane pump for connection to a battery.

For storage tanks on construction sites and in agriculture.

Suitable for use with diesel and light heating oil.

Contact us for compatibility with other fluids.

Delivery pressure 1,5 bar.

delivery hose 3,5 m DN20 3/4"

plastic suction hose 1,5 m 3/4" x 19, trigger nozzle S deluxe

Technical data:

EP 12: 12 V DC, 120 W, 16A, approx. 36 l/min. (free delivery)

EP 24: 24 V DC, 120 W, 8A, approx. 40 l/min. (free delivery)

Electric pump kit EP 12 (12 V electric pump)

**34 304 12**

Electric pump kit EP 24 (24 V electric pump)

**34 304 36**

### Tank Kit EP 55-S

Complete tank kit, including:

pump EP 55 (technical details see p. 101),

1,5 m reinforced suction hose DN 20 (3/4")

with suction filter and foot valve,

delivery hose DN 20 (3/4"),

suction and delivery hose with swivel nuts,

for easy and safe fitting,

nozzle with swivel

Tank kit EP 55 - S with 4 m delivery hose

**34 319 45**

Tank kit EP 55-AZ with 8 m delivery hose

**34 319 83**

### Tank Kit EP 55-S with Meter

Complete tank kit, including:

pump EP 55 (technical details see p. 101),

1,5 m reinforced suction hose DN 20 (3/4")

with suction filter and foot valve,

delivery hose DN 20 (3/4"),

suction and delivery hose with swivel nuts

for easy and safe fitting,

**flow meter DIGIMET M80 mechanical,**

resettable dispense volume 0-999 litre, 6 digit totaliser.

Tank kit EP 55-S with meter, 4 m delivery hose

**34 319 52**

Tank kit EP 55-S with meter, 8 m delivery hose

**34 319 90**



## Electric Pumps for Diesel, Light Fuel Oil and Similar Fuels

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Tank Kit EP 55-AZS

Tank kit includes:

pump EP 55 (technical details see p. 101),  
output 55 l/min (free flow),  
1,5 m reinforced suction hose DN 20 (3/4")  
with suction filter and backlash valve, delivery hose DN 20 (3/4"),  
**suction and delivery hose with swivel nuts  
for easy and safe fitting,**  
**automatic shut-off nozzle AZS/80 l with swivel**

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 105)

#### (Tank not included)

Tank kit EP 55-AZS with 4 m delivery hose **34 320 41**

Tank kit EP 55-AZS with 8 m delivery hose **34 320 89**

#### Tank kit EP 55-AZS with meter

Tank kit as described above, but with

**flow meter DIGIMET M80 mechanical counter,**  
resettable dispense volume 0-999 litre, 6 digit totaliser.

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 105)

Tank kit EP 55-AZS with meter, 4 m delivery hose **34 320 58**

Tank kit EP 55-AZS with meter, 8 m delivery hose **34 320 96**

#### Tank kit EP 55-AZS-T

Tank kit includes:

pump EP 55 (technical details see p. 101),  
output 55 l/min (free flow),  
**double-wall safety-tank with transportation approval 1.000 l,**  
1,5 m reinforced suction hose DN 20 (3/4")  
with suction filter and backlash valve, delivery hose DN 20 (3/4"),  
**suction and delivery hose with swivel nuts  
for easy and safe fitting,**  
**automatic shut-off nozzle AZS/80 l with swivel**

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 105)

#### (Supplied with tank, pump-kit pre-installed)

Tank kit EP 55-AZS-T with 4 m delivery hose **34 322 01**

Tank kit EP 55-AZS-T with 8 m delivery hose **34 322 25**

#### Tank kit EP 55-AZS-T with meter

Tank kit as described above, but with

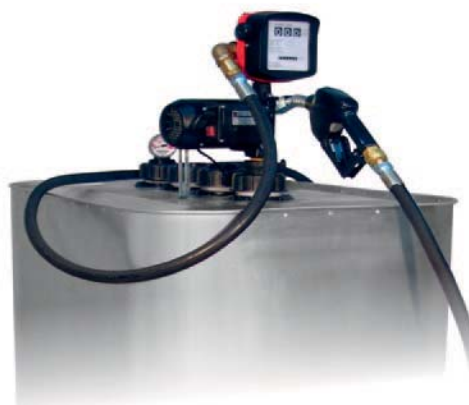
**flow meter DIGIMET M80 mechanical counter,**  
resettable dispense volume 0-999 litre, 6 digit totaliser.

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 105)

Tank kit EP 55-AZS-T with meter, 4 m delivery hose **34 323 00**

Tank kit EP 55-AZS-T with meter, 8 m delivery hose **34 323 24**



## Electric Pumps for Diesel, Light Fuel Oil and Similar Fuels

### Description

Images and specifications can be subject to change without notice

### Part No.

#### Tank Kit EP 140-AZS

Tank kit includes:

pump EP 140 (technical details see p. 101),  
output 80 l/min (free flow),  
1,5 m reinforced suction hose DN 25 (1")  
with suction filter and backlash valve, delivery hose DN 25 (3/4"),  
**suction and delivery hose with swivel nuts for easy and safe fitting,**  
**automatic shut-off nozzle AZS/120 l with swivel**

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 106)

**(Tank, pump bracket and drip tray not included)**

Tank kit EP 140-AZS with 4 m delivery hose **34 324 09**

Tank kit EP 140-AZS with 8 m delivery hose **34 324 16**

#### Tank Kit EP 140-AZS with Meter

Tank kit as described above, but with

**flow meter DIGIMET M80 mechanical counter,**  
resettable dispense volume 0-999 litre, 6 digit totaliser.

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 106)

Tank kit EP 140-AZS with 4 m delivery hose **34 324 61**

Tank kit EP 140-AZS with 8 m delivery hose **34 324 78**

#### Tank kit EP 140-AZS-T

Tank kit includes:

pump EP 140 (technical details see p. 101),  
output 80 l/min (free flow),  
**double-wall safety-tank with transportation approval 1.000 l,**  
drip tray with retainer, pump-kit bracket,  
1,5 m reinforced suction hose DN 25 (1")  
with suction filter and backlash valve, delivery hose DN 25 (3/4"),  
**suction and delivery hose with swivel nuts for easy and safe fitting,**  
**automatic shut-off nozzle AZS/120 l with swivel**

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 106)

**(Supplied with tank, pump-kit pre-installed)**

Tank kit EP 140-AZS-T, 4 m delivery hose **34 325 15**

Tank kit EP 140-AZS-T, 8 m delivery hose **34 325 22**

#### Tank Kit EP 140-AZS-T with Meter

Tank kit as described above, but with

**flow meter DIGIMET M80 mechanical counter,**  
resettable dispense volume 0-999 litre, 6 digit totaliser.

(Please check according to local regulations.

Versions also available on request with automatic nozzle  
with type approval according to DIN EN 13012, see page 106)

Tank kit EP 140-AZS-T with meter, 4 m delivery hose **34 325 53**

Tank kit EP 140-AZS-T with meter, 8 m delivery hose **34 325 60**





## Accessories for Electric Diesel Pumps

Description	Images and specifications can be subject to change without notice	Part No.
<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>Automatic Shut-Off Nozzle - AZS/80 l</b>		
for flow rates up to 80 l/min. with swivel, thread 3/4" male		
Automatic Shut-Off Nozzle - AZS/80 l		34 392 86
<b>Automatic Shut-Off Nozzle - AZ/60 l</b>		
<b>with type approval according to DIN EN 13012,</b> for flow rates up to 60 l/min. with swivel, thread 3/4" male		
Automatic Shut-Off Nozzle - AZ/60 l		34 393 54
<b>Automatic Shut Off Nozzle - AZS/120 l</b>		
for flow rates up to 120 l/min. with swivel, thread R1" male		
Automatic Shut Off Nozzle - AZS/120 l		34 393 78
<b>Delivery hose DN 20</b>		
Suitable for pumps DP 60, EP 12, EP 24 and EP 55, both ends with swivel nuts 3/4", <b>also approved for Bio-Diesel</b>		
Delivery hose DN 20 (3/4"), hose length 1.5 m		34 713 16
Delivery hose DN 20 (3/4"), hose length 4.0 m		34 713 54
Delivery hose DN 20 (3/4"), hose length 8.0 m		34 713 92
<b>Delivery Hose DN 25</b>		
Suitable for EP60, EP140 and EP12/24 PLUS, with R1" fittings		
Delivery hose DN 25 - hose length 4,0 m		34 715 14
Delivery hose DN 25 - hose length 8,0 m		34 715 76
<b>Suction hose DN 20</b>		
Suitable for pumps EP 12, EP 24 and EP 55, pump side end with swivel nut 3/4", hose end with suction filter and backlash valve		
Suction hose DN 20 (3/4"), hose length 1.5 m		34 712 62
<b>Suction Hose for Bio-Diesel</b>		
3/4"swivel nut with suction filter and foot valve for EP55, EP12 and EP24		
Suction hose, lenght 1,5 m, for Bio-Diesel		34 712 79
<b>Suction Hose DN25 with 2" Drum Adaptor</b>		
for EP60, EP140 and EP12/24 PLUS, R1" at one end, with suction filter and backlash valve		
Suction Hose DN25, hose lenght 2 m, R1" fittings		34 712 86
<b>Double end threaded brass connector, R 3/4"</b>		
<b>with cone seat at one end</b>		
Suitable for EP 12 / EP 24		
Double ended connector with outer thread R 3/4" x R 3/4"		39 913 40
<b>Reducer connector brass R 1" to R 3/4"</b>		
<b>with cone seat at both ends</b>		
Suitable for EP 55		
Reducer connector from outer thread R 1" to R 3/4"		39 913 57
<b>Double end threaded brass connector, R 1"</b>		
<b>with cone seat at one end</b>		
Suitable for EP 60 / EP 140 / EP 12 Plus and EP 24 Plus		
Double ended connector with outer thread R 1" x R 1"		39 910 12



## Accessories for Electric Diesel Pumps

Description	Images and specifications can be subject to change without notice	Part No.
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### In Line Flow Meter DIGIMET M80

Volumetric measurement, mechanical counter, suitable for diesel, or engine oils, gear oils and other fluids at low pressure, robust casing of reinforced PA, NBR seals, calibratable, flow rates of 10-80 l/min., max. working pressure 6 bar (87 psi), accuracy  $\pm 1\%$  (at 16-80 l/min), 1" threads (3 inlets, 2 outlets), resettable display 0-999 l dispense volume, 6-digit totalizer

Digimet M80 with flange connection for i.e. EP 55	<b>35 408 07</b>
Digimet M80	<b>35 408 45</b>

### Inline Flow Meter DIGIMET M80, VITON

Volumetric measurement, mechanical counter, suitable for Petrol and 2-Stroke Fuel, robust casing of reinforced PA, **VITON seals**, calibratable, flow rates of 10-80 l/min., max. working pressure 6 bar (87 psi), accuracy  $\pm 1\%$  (at 16-80 l/min), 1" threads (3 inlets, 2 outlets), resettable display 0-999 l dispense volume, 6-digit totalizer

Digimet M80 VITON with flange connection for i.e. EP 55	<b>35 408 76</b>
Digimet M80 VITON	<b>35 408 14</b>

### In Line Flow Meter DIGIMET E110

Volumetric measurement principle, mechanical meter, calibratable, flow rates of between 10-100 litre per minute, max. operating pressure 30 bar, threads R1" female, accuracy  $\pm 0,5\%$  after calibration, delivery counter 0-999.99 l dispense volume resettable, 8-digit totaliser, rotatable display, aluminium body, also suitable for lubricating oils.

In-line flow meter DIGIMET E110	<b>35 410 95</b>
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### Meter Mounting Kit

Meter mounting kit for EP 55, EP 12 and EP 24, 3/4"	<b>35 420 16</b>
Meter mounting kit for EP 140, EP 12 PLUS and EP 24 PLUS, 1"	<b>35 420 23</b>

### Drum Adaptor Kit

Suitable to vertically mount pumps like EP 12 / EP 24 to drums with 2" BSP threadsize

Drum adaptor kit EP 12 / EP 24	<b>34 339 18</b>
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### Pump Bracket for Electric Pump Kits

Suitable for 700 und 1.000 l storage- and waste-liquid tanks

Pump bracket for Schütz tank	700/1.000 l	<b>34 703 26</b>
Pump bracket for Roth tank	700/1.000 l	<b>34 703 33</b>
Pump bracket for Nau + Dehoust tank	700/1.000 l	<b>34 703 40</b>
Pump bracket for 1.000 l IBC container		<b>34 703 19</b>

### Drip Trays with Retainer

Suitable for wall- or tank mounting

Drip tray for wall mounting	<b>34 707 60</b>
Drip tray for tank mounting	<b>34 707 77</b>
Drip tray for mounting to IBC container	<b>34 708 07</b>



## Pumps for AdBlue®

(AdBlue® is a registered trademark of the Automobile Association - VDA)

### Description

Images and specifications can be subject to change without notice

### Part No.

#### AdBlue® Membrane Pump SB 30 - 230 V

AdBlue® membrane pump SB 30 - 230 V  
designed for urea-dilution AUS 32 (AdBlue®),  
anti-freeze, windshield-detergents, water-based liquids

##### Flow rate: approx. 30 l/min. (free flow)

Electric data: 230V, 50/60 Hz, 0,37 KW, IP 54  
1.8 m power supply cable, max. pressure 1.6 bar

AdBlue® Membrane Pump SB 30 - 230 V

34 070 87

#### AdBlue® Membrane Pump SB 23 - 230 V

AdBlue® membrane pump SB 23 - 230 V  
designed for urea-dilution AUS 32 (AdBlue®),  
anti-freeze, windshield-detergents, water-based liquids

##### Flow rate: approx. 23 l/min. (free flow)

Electric data: 230V, 50/60 Hz, 0,18 KW, IP 54  
1.8 m power supply cable, max. pressure 1.6 bar

AdBlue® Membrane Pump SB 23 - 230 V

34 071 55

#### AdBlue® Membrane Pump SB 32 - 12 V / 24 V

AdBlue® membrane pump SB 32 - 12 V / 24 V  
designed for urea-dilution AUS 32 (AdBlue®),  
anti-freeze, windshield-detergents, water-based liquids

##### Flow rate: approx. 32 l/min. (free flow)

12V DC, 0,18 KW, IP 54, 12 A  
24V DC, 0,18 KW, IP 54, 6 A  
1.8 m power supply cable and clips for battery terminals  
max. pressure 1.6 bar

AdBlue® Membrane Pump SB 32 - 12 V

34 072 09

AdBlue® Membrane Pump SB 32 - 24 V

34 072 16

#### AdBlue® Membrane Pump SB 23 - 12 V

AdBlue® membrane pump SB 23 - 12 V  
designed for urea-dilution AUS 32 (AdBlue®),  
anti-freeze, windshield-detergents, water-based liquids

##### Flow rate: approx. 23 l/min. (free flow)

Electric data: 12V DC, 0,18 kW, IP54, 10 A  
1.8 m power supply cable and clips for battery terminals  
max. pressure 1.6 bar

AdBlue® Membrane Pump SB 23 - 12 V

34 072 23

#### Lever Operated Drum Pump HP 500 for AdBlue®

Lever operated drum pump HP 500 for 50 up to 200 litre drums,  
equipped with 2" drum adaptor, telescope 2-segement suction tube  
and 2 m delivery hose, 2" bung adaptor  
and 2 adaptor 2" BSP female to 2" Mauser / TriSure male

##### Flow rate: 500 ccm per stroke, EPDM Seals

Lever operated drum pump HP 500 for AdBlue®

34 623 07

#### Polypropylene Rotary Pump RP 100-PP

2-chamber vane pump with 3-segment suction tube,  
designed for drums up to 200 litre, drum adaptor 2" BSP

**Suitable for:** AdBlue®, water-based liquids, thinner, solvents,  
anti-freeze, windshield detergents, hydraulic-oils.  
Other lubricants on request.

**Output:** 250 ccm per revolution

Polypropylene Rotary Pump RP 100-PP

34 609 07



## Pumps and tank kits for AdBlue® [AdBlue® is a registered trademark of the Automobile Association - VDA]

Description	Images and specifications can be subject to change without notice	Part No.
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### AdBlue® drum / container pump SB 19, 12 / 230 V

AdBlue® drum / container pump SB 19, 12 / 230 V  
suitable for mounting for 200 l drums and IBC containers

#### Flow rate: approx. 19 l/min. (free flow)

12 V DC, 30 W, 12 V power supply cable and clips for battery terminals and 230V-AC/12V-DC adaptor, with 2 m plastic delivery hose and standard filling gun SSB telescopic suction tube 850 to 1245 mm

incl. screw cap for IBC container with 2" BSP and 2 adaptor 2" BSP female to 2" Mauser / TriSure male

AdBlue® drum / container pump SB 19, 12 / 230 V **34 623 38**

### Mobile Tank Unit MT-AdBlue® 75l HP 500

Mobile 75 l AdBlue® tank unit made of polyethylene with 2 large PU wheels, lever operated drum pump HP 500, standard filling gun SBB, 2 m plastic hose and filling cap with integrated air release valve

Net weight: 12 kg

Mobile Tank Unit MT-AdBlue® 75l HP 500 **34 429 58**

### Mobile Tank Unit MT-AdBlue® 75l SB 23 - 12 V

Tank unit as described above, but with AdBlue® membrane pompe SB 23 - 12 V, 4 m delivery hose DN 19 and standard filling gun SBB (technical details see page 107),

Net weight: 17 kg

Mobile Tank Unit MT-AdBlue® 75l SB 23 - 12 V **34 429 72**

### Mobile Tank Unit MT-AdBlue® 200 with automatic nozzle ASB

Mobile 200 l AdBlue® tank unit made of polyethylene

The 200 litres tank is equipped with safety valve for venting and pressure relief and in-line filter. The advanced design integrates all accessories, offers protection during transport due to lockable lid and space for tidy storage of delivery hose and nozzle. In-mold forklift pockets and lifting bars make handling of the full or the empty tank comfortable, grooves allow for easy securing of the tank with ratchet straps.

AdBlue® membrane pompe SB 23 - 12 V (technical details see page 107), 4 m delivery hose DN 19, automatic shut-off filling gun ASB

**Dimensions: 1100 x 800 x 450 mm / Net weight: 35 kg**

Mobile Tank Unit MT-AdBlue® 200 with automatic nozzle ASB **34 430 16**

### Mobile Tank Unit MT-AdBlue® 400 with automatic nozzle ASB

Tank unit as described above, but with 400 l tank

**Dimensions: 1150 x 800 x 720 mm / Net weight: 55 kg**

Mobile Tank Unit MT-AdBlue® 400 with automatic nozzle ASB **34 431 08**





## Pumps and tank kits for AdBlue®

(AdBlue® is a registered trademark of the Automobile Association - VDA)

### Description

Images and specifications can be subject to change without notice

### Part No.

#### AdBlue® Membrane Pump stationary for 200 l drum with standard filling gun SSB

incl. stainless steel bracket for plastic drums,  
**standard filling gun SSB** with stainless steel outlet,  
2-segment suction tube for SEC-coupling with 2" TriSure thread,  
0,5 m suction- and 6 m delivery hose 3/4", filling gun retainer  
with integrated drip tray

#### either with

AdBlue® membrane pump SB 30 or

AdBlue® membrane pump SB 23

(technical details see page 107)



AdBlue® membrane pump SB 30 stat. with standard filling gun SSB **34 425 07**

AdBlue® membrane pump SB 23 stat. with standard filling gun SSB **34 425 14**

#### AdBlue® Membrane Pump stationary for 200 l drum with automatic shut-off nozzle ASB

incl. stainless steel bracket for plastic drums,  
**automatic shut-off nozzle ASB** with stainless steel outlet,  
2-segment suction tube for SEC-coupling with 2" TriSure thread,  
0,5 m suction- and 6 m delivery hose 3/4", filling gun retainer  
with integrated drip tray

#### either with

AdBlue® membrane pump SB 30 or

AdBlue® membrane pump SB 23

(technical details see page 107)



AdBlue® membrane pump SB 30 with automatic shut-off nozzle ASB **34 425 45**

AdBlue® membrane pump SB 23 with automatic shut-off nozzle ASB **34 425 52**

#### AdBlue® Membrane Pump mobile for 200 l drum with automatic nozzle ASBZ

incl. stainless steel bracket for plastic drums,  
**automatic shut-off nozzle ASBZ with integrated meter**  
and stainless steel outlet,  
2-segment suction tube for SEC-coupling with 2" TriSure thread,  
0,5 m suction- and 6 m delivery hose 3/4", filling gun retainer  
with integrated drip tray and sturdy trolley for 200 litre drums

#### either with

AdBlue® membrane pump SB 30 or

AdBlue® membrane pump SB 23

(technical details see page 107)



AdBlue® membrane pump SB 30 mobile with automatic nozzle ASBZ **34 426 06**

AdBlue® membrane pump SB 23 mobile with automatic nozzle ASBZ **34 426 13**

## Pumps and tank kits for AdBlue® (AdBlue® is a registered trademark of the Automobile Association - VDA)

Description	Part No.
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### AdBlue® Membrane Pump

#### for IBC-container with standard filling gun SBB

incl. stainless steel bracket for IBC-container  
**standard filling gun SBB** with stainless steel outlet,  
 SEC-coupling, 1,5 m suction- and 6 m delivery hose 3/4",  
 filling gun retainer with integrated drip tray

**(IBC-container not included)**

**either with**

AdBlue® Membrane Pump SB 30 - 230 V or  
 AdBlue® Membrane Pump SB 32 - 12 V DC or  
 AdBlue® Membrane Pump SB 32 - 24 V DC  
 (technical details see page 107)



AdBlue® Pump SB 30-IBC 230 V with standard filling gun SBB	<b>34 428 04</b>
AdBlue® Pump SB 32-IBC 12 V with standard filling gun SBB	<b>34 428 11</b>
AdBlue® Pump SB 32-IBC 24 V with standard filling gun SBB	<b>34 428 28</b>

### AdBlue® Membrane Pump

#### for IBC-container with automatic nozzle ASB

incl. stainless steel bracket for IBC-container,  
**automatic shut-off filling gun ASB** with stainless steel outlet,  
 SEC-coupling, 1,5 m suction- and 6 m delivery hose 3/4",  
 filling gun retainer with integrated drip tray

**(IBC-container not included)**

**either with**

AdBlue® Membrane Pump SB 30 - 230 V or  
 AdBlue® Membrane Pump SB 32 - 12 V DC or  
 AdBlue® Membrane Pump SB 32 - 24 V DC  
 (technical details see page 107)



AdBlue® Pump SB 30-IBC 230V with automatic nozzle ASB	<b>34 428 42</b>
AdBlue® Pump SB 32-IBC 12V with automatic nozzle ASB	<b>34 428 66</b>
AdBlue® Pump SB 32-IBC 24V with automatic nozzle ASB	<b>34 428 73</b>

### AdBlue® Membrane Pump

#### for IBC-container with automatic nozzle ASBZ

incl. stainless steel bracket for IBC-container,  
**automatic shut-off nozzle ASBZ with integrated meter**  
 and stainless steel outlet (technical details see page 111),  
 SEC-coupling, 1,5 m suction- and 6 m delivery hose 3/4",  
 filling gun retainer with integrated drip tray

**(IBC-container not included)**

**either with**

AdBlue® Membrane Pump SB 30 - 230 V or  
 AdBlue® Membrane Pump SB 32 - 12 V DC or  
 AdBlue® Membrane Pump SB 32 - 24 V DC  
 (technical details see page 107)



AdBlue® Pump SB 30-IBC 230V with automatic nozzle ASBZ	<b>34 428 80</b>
AdBlue® Pump SB 32-IBC 12V with automatic nozzle ASBZ	<b>34 428 97</b>
AdBlue® Pumpe SB 32-IBC 24 with automatic nozzle ASBZ	<b>34 429 03</b>

## Accessories for AdBlue® Tank Units

(AdBlue® is a registered trademark of the Automobile Association - VDA)

Description	Images and specifications can be subject to change without notice	Part No.
<b>Standard Filling Gun SSB</b>		
Manually operated filling gun with stainless steel outlet Ø 19 mm, designed for urea-dilution AUS 32 (AdBlue®), anti-freeze, windshield-detergent, water-based liquids, connection via hose socket DN 19 (3/4")		
Standard filling gun SSB		34 392 93
<b>Automatic Shut-Off Filling Gun ASB</b>		
Automatic shut-off filling gun with stainless steel outlet Ø 19 mm designed for urea-dilution AUS 32 (AdBlue®), anti-freeze, windshield-detergents, water-based liquids, connection via hose socket DN 19 (3/4")		
Automatic shut-off filling gun ASB		34 395 38
<b>Automatic Shut-Off Filling Gun ASBZ</b>		
Automatic shut-off nozzle <b>with integrated meter</b> and stainless steel outlet Ø 19 mm designed for urea-dilution AUS 32 (AdBlue®), anti-freeze, windshield-detergents, water-based liquids, connection via hose socket DN 19 (3/4")		
Automatic Shut-Off Filling Gun ASBZ		34 395 21
<b>In Line Turbine Meter DIGIMET</b>		
Suitable to backfit/upgrade AdBlue® tank units, electronic in line turbine meter measure range 5-100 l/min. resettable display 0,1 -9999, 4-digit totalizer		
In Line Turbine Meter DIGIMET		35 430 06
<b>SEC-Coupling with Hose-Socket</b>		
SEC-coupling for AdBlue® drums and IBC-container, with angled socket for hose DN 19 (3/4")		
SEC coupling with hose-socket		34 080 22
<b>AdBlue®-Suction Tube Set</b>		
Suction Tube Set for retrofitting of AdBlue®-Units, suitable for AdBlue® drums and IBC-container		
AdBlue®-Suction Tube Set		34 080 84
<b>Elbow 90° with Cap Nut</b>		
Item necessary for the installation of in line turbine meter DIGIMET to tank units		
Elbow 90° with cap nut, 1" BSP		35 425 66
<b>Meter Fitting Tube, Straight, Hose Socket DN 19</b>		
Item necessary for the installation of in-line turbine meter DIGIMET to 200 l drum and IBC AdBlue® tank units		
Meter fitting tube, straight, with hose socket DN 19 (3/4")		35 425 04
<b>Meter Fitting Tube Angled 90°, Hose Socket DN 19</b>		
Item necessary for the installation of in-line turbine meter DIGIMET to mobile tank units MT-AdBlue®		
Meter fitting tube angled 90°, with hose socket DN 19 (3/4")		35 425 35
<b>Hose Clamp Set for AdBlue® Tank Units</b>		
4-part hose clamp set for fastening of EPDM hose on hose sockets of AdBlue® tank units		
Hose Clamp Set for AdBlue® Tank Units		39 921 70
<b>EPDM-Hose, conductive DN 19</b>		
Reinforced, conductive EPDM hose DN19 (3/4 ") black, UV resistant, OEM quality, max. 20 bar		
<b>Hose sold by meter - available length max. 50 m</b>		
EPDM hose, conductive DN 19 (sold by meter)		34 621 30



## Hand Pumps with EX-Protection

Description	Images and specifications can be subject to change without notice	Part No.
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### Lever Operated Barrel Pump HP 350-V-EX

Lever operated barrel pump designed for drums of 50 litre to 200 litre capacity, with grounding clamp, steel telescopic suction tube, variable 450 mm to 860 mm, body of zinc plated steel, 2" and 1 1/2" drum adaptor, removable, angled spout, seals made of **VITON**

Suitable for petrol and 2-stroke mixture

Lever operated barrel pump HP 350-V-EX **34 636 32**

### Aluminium Rotary Pump RP 100-EX

Includes with 1,5 m 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 litre, 2" bung adaptor.

Suitable for petrol and 2-stroke mixture

Aluminium rotary pump RP 100-EX **34 611 26**

### Aluminium Rotary Pump RP 100-EX with meter DIGIMET M80 VITON

Includes 1,5 meters 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 Liters, 2" bung adaptor.

Suitable for petrol and 2-stroke mixture

Aluminium rotary pump RP 100-EX with Digimet M80 VITON **34 611 02**

### Delivery Hose EX DN 20 (3/4") 1,5 m long

Delivery hose DN 20 (3/4"), 3/4" male ends, conductive and petrol resistant

Delivery hose EX DN 20 (3/4"), lenght 1,5 m **34 620 24**

### Ball Valve Nozzle Assembly

Ball valve with nozzle for gear oil.  
Thread: R3/4" female

Ball valve nozzle assembly **34 620 48**





## Tank Units with ATEX Approval for Combustibles, Accessories

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



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Grease Spray Unit	8,55	Tank Kits	68-83,102-105,109,110
Grease Meter	45,54	Tanks Units and Pumps for AdBlue®	108,109,110,111
		Tanks	99
High Pressure Hoses	26,28,53	Tin Plate Funnels	41
High Pressure Lubrication Equipment	19-21,50,51,52,53	Tin Plate Oil Measures	41
High Temperature Grease	10	Trolleys	53,73,84
Hook-On Grease Gun Connector	24,29		
Hose Reel for Grease, Oil & Diesel, Water	93,94	Waste Oil Drainers	96,97
Hose Reel for Air	95	Waste Oil Pumps	96,97
Hydraulic Couplers	24,29	Waste Oil Suction Units	96,97
		Wheel Bearing Packer	43



**I. Quotation**

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

**II. Scope of the delivery**

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

**III. Price and payment**

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

**IV. Delivery time**

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

**V. Transfer of risk and acceptance**

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

**VI. Right of ownership**

1. The supplier retains the right of ownership to objects supplied until the arrival of all payments under the contract to supply.
2. The supplier is entitled to insure the object supplied against theft, breakage, transport, fire and water damage and other damage at the purchaser's expense when the purchaser has not shown that he has taken out that insurance himself.

For defects in the delivery, which includes the absence of the properties explicitly promised, the supplier has the following obligations, to the exclusion of further claims regardless of section IX, 4.

**VII. Liability for defects in the delivery**

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

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

### VIII. Liability for associated obligation

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

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

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

### X. Court of jurisdiction

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

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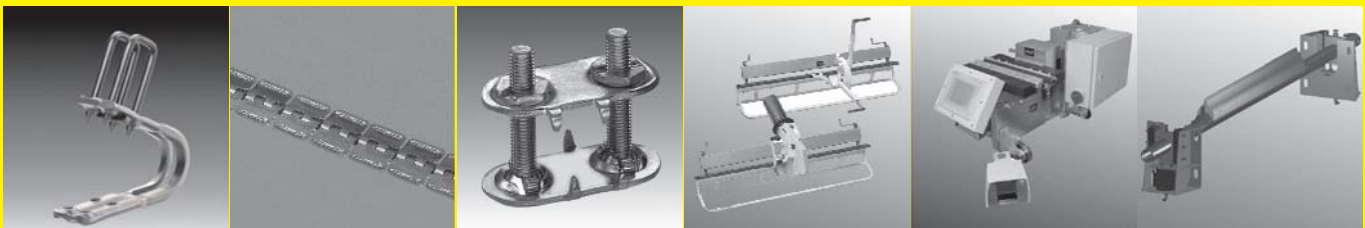
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