

## Hand lever and lubrication systems for oil and grease

- Double-acting hand pump
- Multi-purpose pump
- Hand lever oiler
- Hand lever grease gun



Double-acting hand pump				Multi-purpose pump with suction tube		
<b>Aluminium</b> coat pipe. Extracting and filling of greases and oil through suction and pressure. Applicable for fuel oil, mineral oils, synthetic oils and biological oils, benzine, cooling water, anti-freeze fluid, ethyl alcohol, petroleum, brake fluid. Other hose lengths and connections on request.				This stainless steel pump is suitable for horizontal drums as well as canisters. It has an adapter with drum thread connection R 2, 1 m-PVC-hose with stainless steel delivery elbow. The stainless steel pump is especially versatile due to its resistancy to chemical substances.		
Stroke volume	260 ml	720 ml	Service kit comes with	Pump performance	8 l/min.	Suitable for instance for following substances
Coat pipe-Ø Stroke length Hose length Viscosity	40 mm 208 mm 600 mm from 20SAE	60 mm 255 mm 600 mm to 20SAE	1 piston 1 set of piston rings 1 valve cap 2 hose clips	Pump outer- Ø Length suction pipe	40 mm 760 mm	Acetone, ethanol, gasoline, chlorobenzene, glycerin, fuel oil, cleaner solvent, synthetic resin thinner, methanol, gear oil, nitrobenzene, nitrothinner, petroleum, acids, terpentine
Ord.no.	12774	12775		Ord.no.	12776	



Image	①		②		③	
Type	Hand lever oiler light		Hand level oiler heavy		Hand lever grease gun	
Reservoir	transparent plastic		Alu with vision panel		transparent plastic	
Viscosity	10–68 cSt at 40 °C		10–68 cSt at 40 °C		Fluid grease NLGI 000–0	
Model	ALS-CKE-8	ALS-CKE-20	ALS-CLAB-6	ALS-CLAB-8	ALS-CLHA/P-20	ALS-CLHA/P-50
Output	8 cm <sup>3</sup>	8 cm <sup>3</sup>	8 cm <sup>3</sup>	8 cm <sup>3</sup>	2 cm <sup>3</sup>	2 cm <sup>3</sup>
Max. pressure	5 bar	5 bar	15 bar	15 bar	100 bar	100 bar
Capacity	1 l	2 l	0,35 l	0,6 l	0,6 l	2 l
Connection	1 x G 1/8	1 x G 1/8	1 x G 1/8	2 x G 1/8	1 x G 1/8	3 x G 1/8
Casing -wide	ca. 120 mm	ca. 160 mm	ca. 85 mm	ca. 100 mm	ca. 100 mm	ca. 130 mm
-deep	ca. 85 mm	ca. 120 mm	ca. 125 mm	ca. 125 mm	ca. 130 mm	ca. 150 mm
-high	ca. 160 mm	ca. 160 mm	ca. 175 mm	ca. 200 mm	ca. 290 mm	ca. 300 mm
Ord.no.	12713	12712	12714	12715	12716	12717

# Pneumatic Grease Filling Units

For clean and safe filling of

- grease reservoirs of central lubrication systems
- hand lever and push-type hand guns
- lubricators

With cart for grease drum for up to 200 kg capacity

## Mobile Pneumatic Oil Pump

The system consists of pump, 3 m feeding hose, feeding pistol and cart and has a compression ratio of 1 : 3. It is suitable up to SAE 100 (other compression ratios on request). The high pressure of this pump will always bring great results even with critical applications.

<b>Compression ratio Inlet : outlet</b>	<b>1 : 3</b>	
Inlet air pressure - max. bar g - min. bar g	8,5 3,5	
Compressed air connection Female thread	G ¼	
Oil output without back pressure: g/min	15	
oil outlet connection Male thread	G ½	
<b>Drum size in liter</b>	<b>60</b>	<b>200</b>
<b>Ord.no.</b>	<b>13510</b>	<b>13511</b>

## Pneumatic Grease Filling Units

The higher pressure of these grease suppliers ensures optimal greasing results.

The system consists of:

grease pump, grease piston, dust cover, 3m high-pressure hose, Z-swivel joint, grease piston and cart.

Lubricants: greases up to consistency class 2 (NLGI grade 2 according to DIN 51818).

Do not use grease with abrasive particles, additives or silicon grease.

**Recommendation:** In order to limit the air pressure, to extend the life-span of the pumpwork and to maintain the warranty it is important to use a filter regulator before feeding compressed air into the pump.

<b>Compression ratio</b>	<b>1 : 60</b>
Air pressure minimal	3,5 bar g
Air pressure maximal	8,5 bar g
Compressed air connection	Female thread G ¼
Output without back pressure	600 g/min
Grease outlet	Male thread G ¼

<b>With cart for grease drum with capacity</b>	<b>Ord.no. without drum</b>
<b>20 kg</b>	<b>12577</b>
<b>25 kg</b>	<b>12578</b>
<b>50 kg</b>	<b>12579</b>
<b>200 kg</b>	<b>12575</b>

<b>For grease drums with capacity and inner-Ø mm</b>		<b>Ord.no.</b>
<b>5 kg</b>	180 - 200	<b>12563</b>
<b>12 - 20 kg</b>	240 - 260	<b>12565</b>
<b>16 - 30 kg</b>	250 - 280	<b>12568</b>
<b>16 - 30 kg</b>	270 - 300	<b>12569</b>
<b>20 - 30 kg</b>	300 - 330	<b>12570</b>
<b>50 - 60 kg</b>	335 - 360	<b>12572</b>
<b>50 - 60 kg</b>	360 - 400	<b>12573</b>
<b>200 kg</b>	540 - 590	<b>12567</b>

## Follower plates for grease drums

Beaded sheet steel plate with guide connection for pump. Rubber-lined.

<b>Accessories for filling units</b>		<b>Ord.no.</b>
<b>High-pressure hose</b> 15 mm Ø • 1380 bar g	<b>A</b>	Length 1,5 m Length 3,0 m Length 5,0 m <b>12585</b> <b>12586</b> <b>12587</b>
<b>Pistol</b> with nozzle tube	<b>B</b>	<b>12588</b>
<b>Swivel joint</b>	<b>C</b>	axial z-joint <b>12781</b> <b>12562</b>

