



90L20/30/2 M # 61 100

90L20/50/2 M # 61 101



OPERATION MANUAL

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1.

1. Safety instructions



Please observe: This operation manual contains all necessary information. Please read carefully to avoid damages and faults. All Rapid pieces of equipment are checked carefully before delivery for their perfect composition and function. In case of improper use all rights to claim under guarantee are void.



Make sure that only skilled staff is working with this device in order to prevent damages and accidents caused by improper use.



Environmental conditions i.e. humidity, low temperatures, sunlight and contamination may damage device.



Before using the device make sure that it is not contaminated to prevent any injury. Avoid any contamination of device as well as of environment. In case of any contamination during operation of device take care that it is immediately and professionally removed.



Always wear safety cloths respecting the applicable regulations for accident prevention



Only use this device conforming to its purpose and function. Improper use can cause severe injuries.



Caution – moving parts, sharp edges, hot machine parts or exhausting steam can cause severe injuries.



Before use always check the device for damages and leaks. In case of any damage or leak make sure that it is repaired professionally before use. Operation of defect device may cause severe injuries.



In case of any sign of damage or malfunction during operation of device stop device immediately to prevent injuries. Before next use make sure that the device professionally repaired.



Take care that in case of an accident all emergency measures are on hand

2. General advice

- 2.1. During periods of shut-down or working breaks close stopcock of air at the pump to avoid unintentional supply in case of leak within the main or leaking hose.
- 2.2. In case of permanent installed grease main it is recommended to built in a security valve
- 2.3. Pumps and all following parts of unit have an operation pressure of 400 bar . Never turn the grease pistols towards people, danger of injuries.
- 2.4. For pipe and hose reels mains only use material suitable to bear 400 bar pressure.

3. Technical data

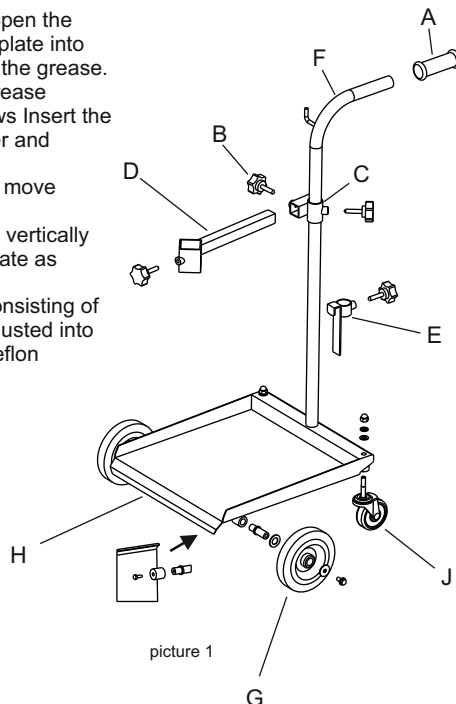
Ratio	01:50	Airconnection	G 1/4" female
Grease outlet	G 1/4" AG	Container size	up to 30kg / 50kg
Supply pressure (max.)	400 bar	Air pressure min./max.	5-8 bar
Sound level	ca. 82 dB	Weight	ca. 19kg
Classification of grease	NLGI 000 to NLGI 2		

4. Description

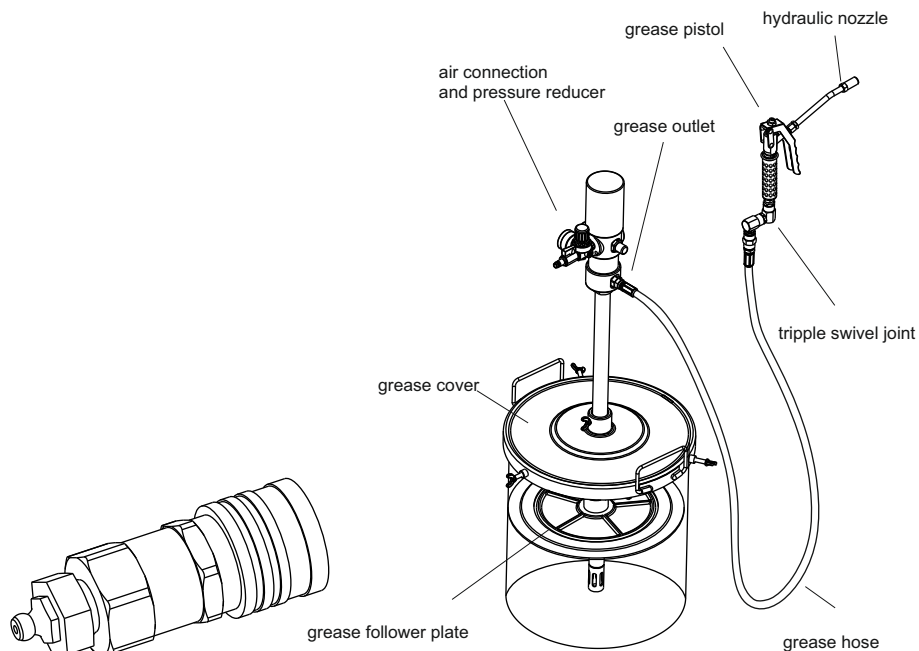
This mobile lubrication system is designed to carry 30kg / 50kg grease barrels.

5. Assembling / Installation

- 5.1. Assemble the trolley according to picture 1.
Tighten the screws carefully.
- 5.2. Put the grease container on the trolley, open the container and insert the grease follower plate into the container that way it seats solidly on the grease.
- 5.3. Put the grease cover on the top of the grease container and tighten the clamping screws Insert the securing hook 5 into the hole of the cover and tighten it firmly.
- 5.4. Plug the pump into the pump holder and move the arm of pump holder D in the position so that the tube of pump can be inserted vertically through the grease cover and follower plate as deep as possible into the grease.
- 5.5. Screw the compressed air connection consisting of ball cock and pressure reducer firmly adjusted into the air connection, 1/4" female. Seal by Teflon ribbon.
- 5.6. Connect the grease hose to the grease outlet 1/4" male of pump and seal by suitable sealing compound.
(refer to supplemental sheet)



6. Spare parts and accessories



picture 3

picture 2

7. Operation

- 7.1. Connect the pump to the compressed air main. Pump starts running. Keep grease pistol open until grease flows without splashing.
- 7.2. For lubricating slip hydraulic nozzle on the grease nipple and operate grease pistol
- 7.3. For filling central lubrication systems connect the optional available ZSA adapter, ref-no. 60 537, picture 3, to the counterpart at the central lubrication system. Proceed like 4.2.
- 7.4. After operation is finished, disconnect the pump from compressed air. By opening the grease rest pressure can be released.

8. Maintenance and trouble shooting

8.1. Before every use all parts of the unit which are getting in contact with the medium, pump, hose and grease pistol have to be checked carefully if there are leaks or damages and if so eliminated.

8.2. Refill maintenance unit regularly with suitable oil.

Problem	Cause	Solution
Pumpe does not supply	Dust trap is dirty	clean dust trap at suction hole
	No ventilation	Ventilate the pump
Poor Discharge capacity	Dust trap is dirty	clean dust trap at suction hole
	Grease is too cold	Check temperatur of grease, should not be less than 18°C
Air in supply chain	supply chain is leaking	Make shure that no air is drawn in
Pump is running but doesn't supply	Grease container is empty	change or refill
	Pump is drawing air	make shure that suction gogle sticks into the grease
	Grease follower plate dimensioning is wrong	Use suitable grease follower plate.

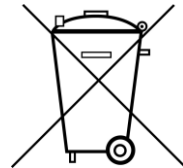
9. Disposal

9.1 Completely empty all parts of the equipment (hoses, pumps , tanks , etc) and given case blown out with air .

9.2 Dangerous parts of the appliance must be made unusable f.e. perforate pressure vessel, deform hose reels , etc.

9.3 Rubber , metals, glass ect. must be separated .

Dispose material fractions according to the local laws and regulations .



YOUR CONTRIBUTION TO PROTECT THE ENVIRONMENT

The pertinent regulations for the registration, setting up and operation of equipment for dealing with materials hazardous to water must always be complied with by the user.

10. Warranty

10.1 In case of insufficient maintenance, faults on operation, use of not adequate spare parts or attachments all liabilities and rights of claim under guarantee are void.

10.2 The manufacturer is not liable for improper use of the container or ignoring the safety instructions.

10.3 Technical modifications are subject to change without announcement.

