

Instruction Manual

Hydraulic press, FP16, HP16

Important: Read and understand this manual before use!

Caution

Transportation: Please note that the centre of gravity is positioned very high!

1. Transport by forklift: Lift under the top part of the frame.
Please use the lifting points marked on the packaging only.
2. Transportation by crane: Same procedure as by forklift.
3. Transportation by pallet truck: The press must be supported on top during transport to eliminate the risk the press tilting.

Safety:

Use the press for pressing purposes only!

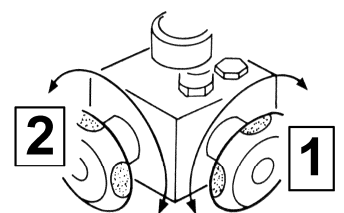
Always be aware of the risk that pressurising the item in the press may lead to the item being shot out at high speed.

Installation:

Change the oil plug before use!

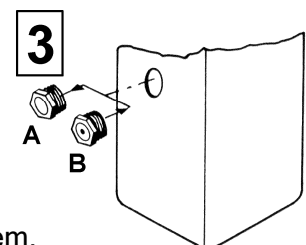
The press is supplied with an oil plug with a small hole. Undo the transportation bolt **3A** and replace it with the oil plug with a small hole **3B** before use.

Operating instruction:



How to operate the pump:

1. Tighten **1** and **2** by hand.
2. Use the foot pedal / pump handle, to pump until the piston reaches the item.
3. Once the piston touches the item then turn **1** anti-clock-wise.
Now the pump is working on high pressure to apply pressure to the item.
4. Return piston by turning **2** anti-clock-wise.



Do not attempt to use the press beyond its rated capacity. Do not continue pumping after the full length of the stroke has been obtained. Failing to follow these instructions may damage the seals in the cylinder.

How to raise and lower the table:

1. Raise the table slightly above the required working height.
2. Insert the pins in the holes. Make sure that the table is level.
3. Place the straightening blocks and the press is ready for use.

Please note that the item must be supported by both straightening blocks when applying a pressure of 70% of the maximum capacity or more, to avoid damage to the straightening blocks.

Maintenance and service:

The press must be inspected visually by a skilled person for any leakages or damages. This inspection is to be repeated at least every 12 month.

The hydraulic system is self lubricating. Change the oil every 1 to 2 years.

Oil specification: Hydraulic oil viscosity from 22° to 32° cSt/40°C.

Oil quantity: 1.4 L.

Avoid dirt, dust and other particles getting into the hydraulic system when changing the oil.

Lubricate moving part and pivot points regularly.

Trouble shooting:

If the press is very hard to pump and will not make high pressure:

1. See operating instruction "How to operate the pump", position 3.

If the piston does not approach or return smoothly or the piston will not reach maximum stroke:

1. Check that the correct oil plug with the small hole is mounted.
2. Check the oil level is correct and fill up to required level if necessary.
3. Pump the piston to maximum stroke and return. Repeat this 2 - 3 times.

Use only original spare parts.

Decommissioning:

If the press should ever be scraped, then please drain the oil into an approved container and dispose of it to the appropriate authorities.