



- WARNING:** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

2. SPECIFICATIONS

Rated capacity:	4Ton	10Ton
Pump output pressure:	56.5MPa	63MPa
Ram min height:	267mm	322mm
Stroke:	120mm	130mm
Oil being filled:	350g	500g

3. OPERATING INSTRUCTIONS

- Connect the hydraulic ram, hose and pump unit together, ensure that you have securely fastened the couplers before pumping.
Warning: Inspect before each use. Do not use if bent, broken, leaking, damaged components or any suspect parts are noted and/or it has been subjected to a shock load.
- Open the breather valve (P09).
- Firmly close the release valve (P15) by turning it clockwise.
- Adjust the ram slowly to make the load coaxial with the ram.
NOTE: The pump can be used in any position from horizontal to vertical. Always keep the hose end of the pump downward when it is not horizontal.
- Pump the handle (P39) up and down to supply pressure.
- When work is done, **SLOWLY** and **CAREFULLY** turn the release valve counterclockwise (never more than one turn) to release the pressure-until ram retracts to desired position.
- Close the breather valve.

4. MAINTENANCE

- When not in use, store the equipment in a dry location with the pump piston (P34) and the ram fully retracted.
- Periodically check the ram and pump piston for signs of rust or corrosion. Clean exposed areas with a clean oiled cloth.
- Warning: Never use sandpaper or abrasive material on these surfaces!**
A coating of light lubricating oil to pivot points, axles and hinges will help to prevent rust and assure that pump assemblies move freely. Periodically lubricate the pivot points, axles and hinges with a light lubricating oil as needed.
- With ram fully lowered, set pump unit in its normal, level position. Remove the oil filler screw (P07) to check the hydraulic oil level. If it is not adequate, add high quality hydraulic jack oil as necessary.
Warning: DO NOT use brake fluid or any other improper fluid and avoid mixing different types of oil when adding hydraulic oil.