

HYDRAULIC PRESS

DO NOT use this machine unless you have been instructed in its safe use and operation

PERSONAL PROTECTIVE EQUIPMENT



Safety glasses must be worn at all times in work areas.



Long and loose hair must be contained.



Gloves must not be worn when using this machine.



Sturdy footwear must be worn at all times in work areas.



Close fitting/protective clothing must be worn.



Rings and jewellery must not be worn.

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Check workspace and walkways to ensure no slip-hazards are present.
- ✓ Check for hydraulic fluid leaks.
- ✓ Check that the all guards are in position.
- ✓ Locate and ensure you are familiar with the operation of the ON/OFF starter and E-Stop fitted).

OPERATIONAL SAFETY CHECKS

- ✓ Move adjusting beam to correct height and secure pins.
- ✓ Ensure column pins are fully engaged after adjusting height.
- ✓ Safely position table plates to support and secure job.
- ✓ Carefully align work under press for even force to be applied.
- ✓ Position a suitable drift between arbor and object to be pressed.
- ✓ Ensure job parts are aligned properly before and during the pressing process and clean to avoid being squeezed out or ejected, be sure item or parts can't fly out under load or drop to the floor.
- ✓ Utilise machine guards if available and when appropriate.
- ✓ Keep head, hands & other body parts clear of both the job parts and machine while press is being operated.
- ✓ Close relief valve and engage contact with arbor or drift.
- ✓ Do NOT apply excessive force.
- ✓ Carefully operate pump handle using minimum force required to complete the press job.
- ✓ Beware that high forces are being applied during the pressing process.
- ✓ 13. When press operation is complete open the relief valve to release pressure and remove items.

ENDING OPERATIONS AND CLEAN UP

- ✓ Switch off the machine when work completed.
- ✓ Leave the machine in a safe, clean and tidy state.

POTENTIAL HAZARDS

-  Falling Objects
-  Crush & Pinch points
-  Manual Handling Objects
-  Eye Injuries

DON'T

- ✗ Do not use faulty equipment. Tag out of service and report any faulty machinery.
 - ✗ Do not distract operator.
- This SOP does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references. It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use.

Refer to the Risk Assessment for further information.

If in doubt, ASK!

28 September 2026