

How To Use the Safety Stands and Safety Bars on Single-stage Press

These machines are provided with two safety stands and two safety hangar bars (painted red) for maintenance. After the ram is raised, the hangar bars are connected between the platen and the press top plate. After the can is raised, the stands are placed under the can (but not under the ram). Use the safety stands and safety bars to perform maintenance on the machine while the can and ram are raised. A location is provided on the machine for stowing the safety stands when not in use.



WARNING 1: Crush Hazard—The safety stands and bars provide protection against the unpowered drifting down of the can or ram during maintenance in the event of a leak in the hydraulic system. **They are not intended to restrain the can or ram from coming down under power.**

- Never work **under** the raised can and ram unless the safety bars and both safety stands are installed and power is locked out/tagged out. Do not work **near** the raised can and ram with power on unless the safety bars and both safety stands are installed, except where called for in the maintenance instructions.
- Do not attempt to rest the can on the safety stands by lowering it under power. Use care not to manually command the can or ram down with the stands or bars in place.
- When working near the installed safety stands use care not to knock the stands out of position.
- Install these safety components using the procedure prescribed in this document.
- Maintain these safety components in good condition.
- When not in use, stow the safety stands in the location provided on the machine and designate a convenient, secure location to stow the safety bars (see Note 1).

Note 1: You will probably want to designate a single storage area for all loose items supplied with the press, including the safety bars, the disk used when filling the diaphragm, the fill hoses, and the gaff hook.

Figure 1: Safety Stands for Single-stage Press Models

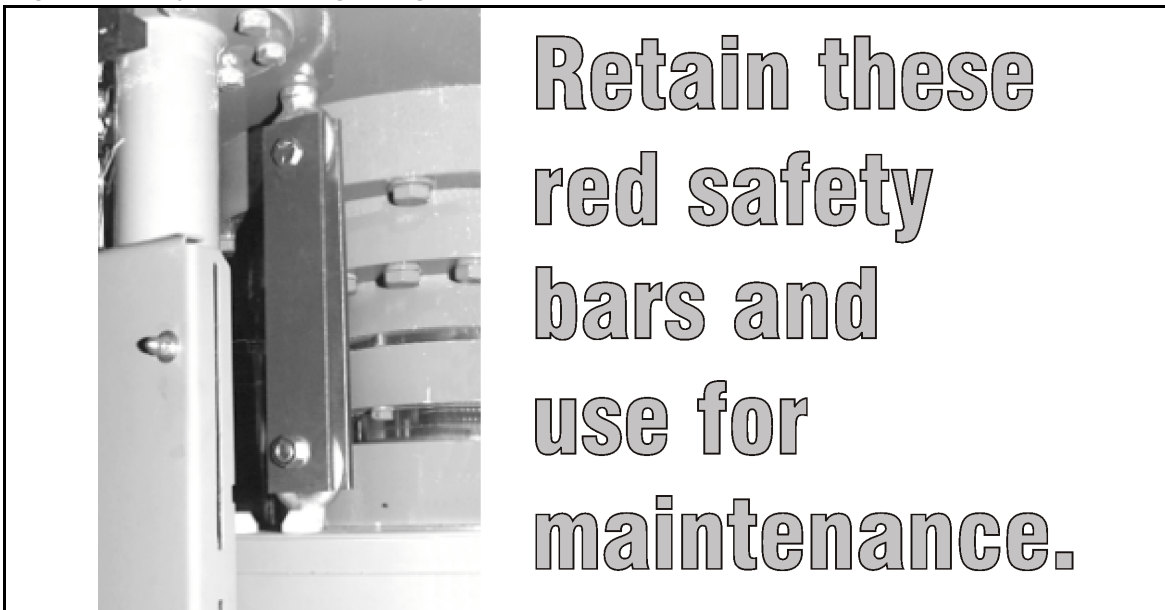


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If the ram is to be secured in the full up position for the maintenance to be performed, do this first, as follows:

1. At the controls, use the *Manual* mode to lower the can, if it is up.
2. At the controls, use the *Manual* mode to raise the ram.
3. The safety bars attach between two eye bolts—one on the platten and one on the press top plate. Attach the safety bars as shown in Figure 2. Refer to the safety stands parts drawings for a more detailed depiction of the installed safety bars.
4. Depending on the type of maintenance, it may be necessary to move the can before locking out power to the press. However, **lock out/tag out power before working under the can and ram.**

Figure 2: Safety Bars for Single-Stage Press Models



Install the safety stands as follows:

1. At the controls, use the *Manual* mode to raise the can.
2. In this step, install the stands through the nearest door; do not reach across the bed. Referring to the first figure, place the safety stands on opposite sides of the can (180 degrees apart). Refer to the safety stands parts drawing for a more detailed depiction of the installed stands. Always use both stands. **Do not attempt to rest the can on the safety stands by lowering it under power** (even though it may drift down onto the stands).
3. Lock out/tag out power to the machine.

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