

INSTALLATION SECTION

Laser Sleever



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INSTALLATION

WARNING

INSTALLER MUST COMPLY WITH APPLICABLE CODES, ORDINANCES, SPECIFICATIONS, AND/OR OTHER GOVERNING DATA RELATED TO INSTALLATION.

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CHECKING SHIPMENT

Upon delivery, visually inspect the crate and visible parts for shipping damage. If the crate or cover is damaged, or signs of possible damage are evident, have the carrier note the condition on the shipping papers before the shipping receipt is signed, or advise the carrier of the condition when it is discovered.

Remove the crate and protective cover as soon as possible and check for internal damage or unsecured parts. A claim should be filed with the carrier as soon as possible for any damaged or missing parts.

LOCATING THE PRESS

Move the press to the approximate location on the floor. Remove the skid and position the press.

CAUTION

If a forklift is used to position the press, make sure that the forks are positioned under the heaviest part of the press. Make sure that the forks extend all the way under the frame and are not lifting on sheet metal paneling. DO NOT LIFT THE PRESS BY THE TABLE!!

When positioning the press, be sure to allow sufficient space for utility connections and access space for maintenance. See Figure 1 and the Installation Specification Drawing for connections and access requirements.

✓ NOTE: Clearance dimensions are the minimum requirements. Allow more clearance whenever possible to accommodate periodic maintenance.

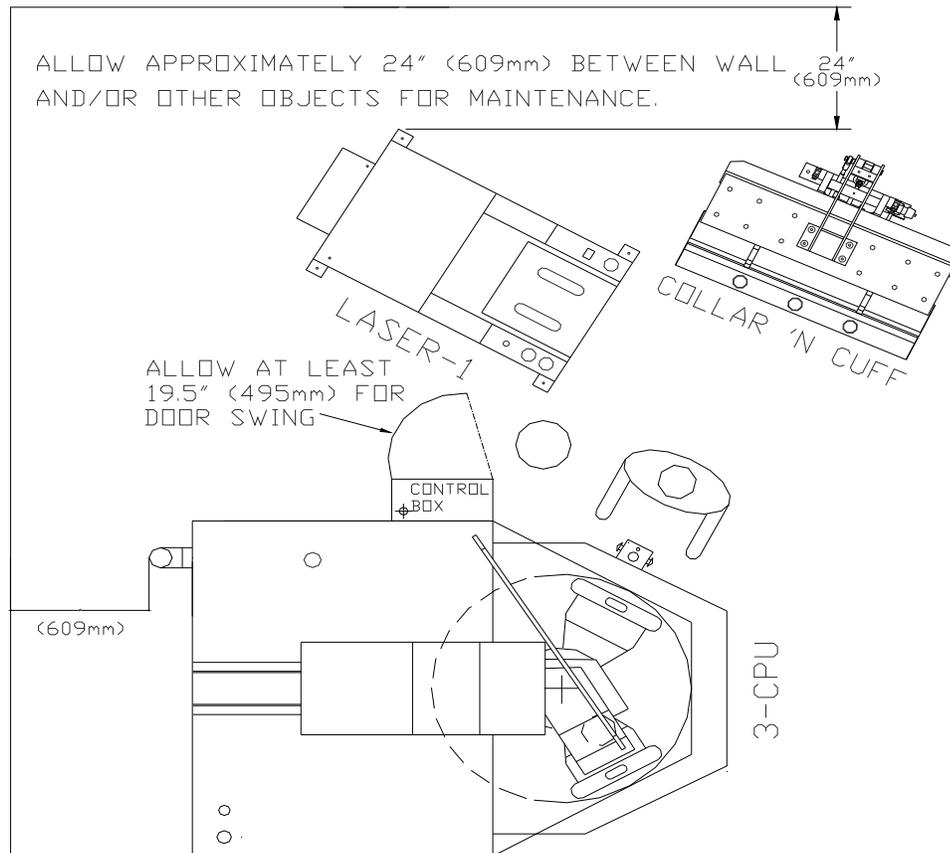


Figure 1

ANCHORING & LEVELING PAD INSTALLATION

The press may be installed on any level, secured floor with a load rating of 125 pounds/sq. ft (610 kgs/sq. meter) or more. All floor covering should be removed under the press. After the press is located, drill through the holes on the press's angle into the floor. The holes must be deep enough to properly anchor the press.

The press has been built to accommodate optional, Colmac Leveling Pads for leveling purposes and to reduce corrosion caused by moisture collecting underneath.

Lift the press with a forklift. While machine is lifted, install leveling pads by first removing the top nut, leaving the bottom bolt and washer on the pad and inserting into each ½" (12.7 mm) hole on the press' angle. Set the machine down and adjust the leveling pads.

Level the press with spirit level and metal shims located under the press angle. Bolt the press securely to the floor and recheck that the press is still level. Each press should have four (4) anchors.

SUPPLY CONNECTIONS

Refer to the Installation Specification Drawing for utility connections and locations.

CAUTION

Do not turn on air or steam prior to removing all packing, unless requested by additional instruction tags located on press.

AIR CONNECTIONS

✓ **NOTE:** Connect this press to an air system that is free of dirt and debris. Blow out the airlines before making the final connection to the press.

Refer to the Pneumatic Schematic in this manual for recommended air piping installation. These guidelines must be followed to assure that the moisture is removed from the air system before it gets to the press. All the air systems have some degree of moisture present in the form of water. Water will cause valves, cylinders and quick exhaust valves to fail.

The press requires a minimum air supply for 85psi (6atm). The pipe size should not be smaller than the connection size on the press. The air connection should include a shutoff valve and a pipe union between the press and shutoff valve.

CONNECTIONS: All connections to the presses and other feeder lines should come off the TOP of the air supply manifold to assure that the moisture does not carry over to the presses. Drain lines should come off the BOTTOM of the air supply manifolds and drip legs should be installed before the presses for drainage removal.

STEAM SUPPLY

Connect the press to a steam source with a minimum pressure of 100psi (6.8atm) and a maximum pressure of 125psi (8.5atm) to each connection marked “Steam Inlet”. The pipe size of the connection should not be any smaller than the connection at the press. The connection should include a shut off valve and a pipe union between the press and the shut off valve. Refer to the Steam Plumbing in the PARTS section of this manual for recommended steam piping. These procedures should be followed to assure the maximum efficiency in transferring the heat from the steam to the pressing heads.

CAUTION

All steam lines should be properly insulated to protect personnel and to increase operating efficiency.

ALL connections to presses and other feeder lines should come off the TOP of the steam pressure manifold. Steam supply lines should never dead end at presses or at the end (connection on the bottom of the pipe) of the lines to remove condensate and to provide constant steam circulation. The traps should be checked periodically to assure that they are operating correctly.

STEAM RETURN

Each connection on the press marked “Steam Outlet” requires a separate steam trap. The pipe size of the connection should not be any smaller than the connection at the press. A swing-check valve should be installed after the steam trap and before the return line with a pipe union installed in between. Refer to the Steam Plumbing Drawing in this manual for recommended steam piping procedures. These procedures should be followed to assure that the condensate is properly removed from the steam source. Condensate in the steam supply lines will act as an insulator and will keep the pressing heads from reaching maximum temperature. This machine is equipped with impulse traps on the chests.

WARNING

BEFORE MAKING ANY ELECTRICAL CONNECTIONS, TURN OFF THE CIRCUIT BREAKER FOR THE LINE THAT THE PRESS WILL BE CONNECTED TO.

ELECTRICAL

If the press is supplied with an electrical power cord, it should be plugged into a 115 volt, single-phase source. The power cord should be plugged into a grounded receptacle to complete the grounding circuit. Do not attempt to remove the ground prong or use an adapter that eliminates the ground prong.

CAUTION

Check the electrical requirements on the Installation Specification drawing and on the press serial plate before making any connection. It is the customer's responsibility to assure that all electrical connections are in accordance with all local, state and national electrical codes.

