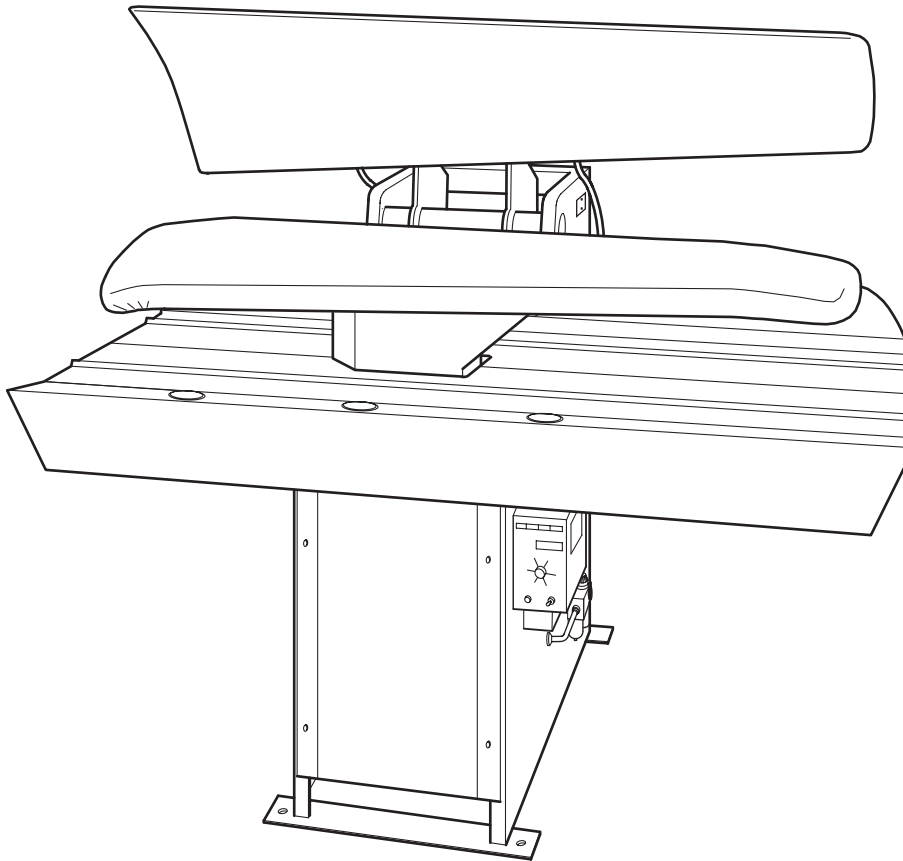


# Laundry Presses

Refer to Page 3 for Model Numbers



SCR526N

**Keep These Instructions for Future Reference.**

(If this machine changes ownership, this manual must accompany machine.)



An LSG Company  
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Part No. AJ1026  
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## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

# Model Identification

Information in this manual is applicable to the following model(s):

LP19 (C218)

LP22 (C222)

LP51 (C451)

LP53 (C554)


CUCC (CCCW-ST and CCCW-C)


[illegible]


# Safety Information

## Explanation of Safety Messages

Precautionary statements (“DANGER,” “WARNING,” and “CAUTION”), followed by specific instructions, are found in this manual and on machine decals. These precautions are intended for the personal safety of the operator, user, servicer, and those maintaining the machine.

	<b>DANGER</b>
<b>Indicates an imminently hazardous situation that, if not avoided, will cause severe personal injury or death.</b>	

	<b>WARNING</b>
<b>WARNING indicates the presence of a hazard that can cause severe personal injury, death, or substantial property damage if the warning is ignored.</b>	

	<b>CAUTION</b>
<b>CAUTION indicates the presence of a hazard that will or can cause minor personal injury or property damage if the caution is ignored.</b>	


Additional precautionary statements (“IMPORTANT” and “NOTE”) are followed by specific instructions.

**IMPORTANT:** The word “IMPORTANT” is used to inform the reader of specific procedures where minor machine damage will occur if the procedure is not followed.

**NOTE:** The word “NOTE” is used to communicate installation, operation, maintenance or servicing information that is important but not hazard related.

## Important Safety Instructions

### Save These Instructions

	<b>WARNING</b>
<b>To reduce the risk of fire, electric shock, serious injury or death to persons when using your press, follow these basic precautions:</b>	
W372	

1. Read all instructions before using the press.
2. Refer to the GROUNDING INSTRUCTIONS in the INSTALLATION manual for the proper grounding of the press.
3. Do not allow children to play on or in the press.
4. Do not reach into the press while the press is in operation.
5. Do not install or store the press where it will be exposed to water and/or weather.
6. Do not tamper with the controls.
7. Do not repair or replace any part of the press, or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that the user understands and has the skills to carry out.
8. To reduce the risk of an electric shock or fire, DO NOT use an extension cord or an adapter to connect the press to the electrical power source.
9. Use press only for its intended purpose, finishing garments.
10. ALWAYS disconnect the press from electrical supply before attempting any service. Disconnect the power cord by grasping the plug, not the cord.
11. Install the press according to the INSTALLATION INSTRUCTIONS. All connections for steam, electrical power and grounding must comply with local codes and be made by licensed personnel when required.

## Safety Information

12. Replace worn power cords and/or loose plugs.
13. Never operate the press with any guards and/or panels removed.
14. DO NOT operate the press with missing or broken parts.
15. DO NOT bypass any safety devices.
16. Failure to install, maintain, and/or operate this press according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

**NOTE: The WARNINGS and IMPORTANT SAFETY INSTRUCTIONS appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when installing, maintaining, or operating the press.**

Any problems or conditions not understood should be reported to the dealer, distributor, service agent or the manufacturer.

When using your press (garment finishing appliance), basic precautions should always be followed, including the following:

1. Read all instructions.
2. Use appliance only for its intended use.
3. Close supervision is necessary for any appliances being used by or near children. Do not leave appliance unattended while connected.
4. To reduce the likelihood of circuit overload, do not operate another high wattage appliance on the same circuit.

Safety signs and labels are also placed on the press. Those signs and labels are limited messages. Where needed, further explanations are provided in the manual. These signs are to be inspected for readability and replaced when missing, damaged or unreadable. Refer to operation/maintenance manual inspections process. Refer to parts manual for ordering information.



### DANGER

**To avoid possible serious injury, ensure that air and steam supply systems have adequate RELIEF VALVE PROTECTION or have the pressures sufficiently limited at the sources for safe operating pressures as specified for this equipment.**

W333



### WARNING

**To AVOID possible serious injury, BEFORE performing maintenance or repair tasks:**

- **Shut off and lock out ALL electric power to the press.**
- **Shut off and lock out ALL air service to the press.**
- **Shut off and lock out ALL steam service to the press.**
- **Allow heated surfaces to cool.**

W358



### WARNING

- **Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce serious injury, death, and/or property damage.**
- **Do not repair or replace any part of the machine or attempt any servicing unless specifically recommended or published in the service manual and that you understand and have the skills to carry out.**
- **Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the machine is properly grounded and to reduce the risk of fire, electric shock, serious injury, or death.**

W335



# Introduction

## Replacement Parts

If literature or replacement parts are required, contact the source from which the machine was purchased or contact Cissell at (502) 587-1292 for the name and address of the nearest authorized parts distributor.

## Nameplate Location

Always provide the machine's serial number and model number when ordering parts or when seeking technical assistance. Refer to *Figure 1*.

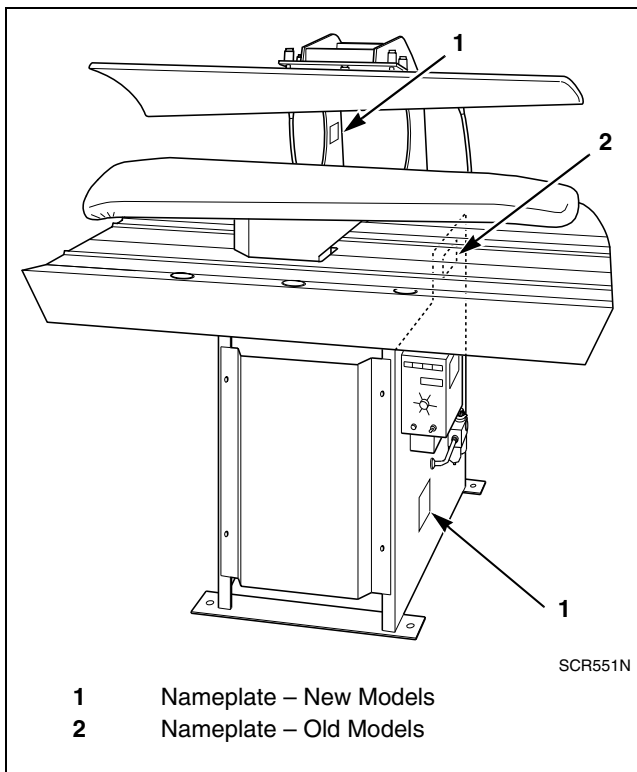
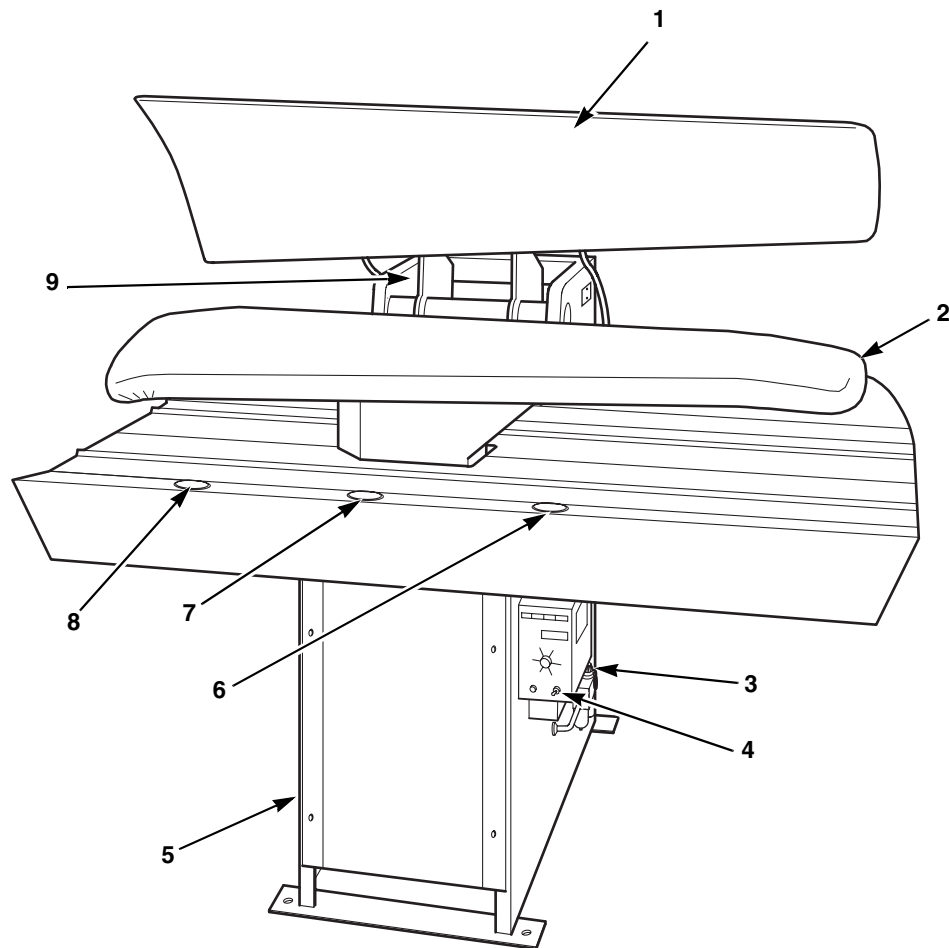


Figure 1

[illegible]

# Installation

## Front View – Typical Laundry Press



SCR526N

- |   |  |   |                        |
|---|--|---|------------------------|
| 1 | Head   | 5 | Frame                  |
| 2 | Buck and Padding   | 6 | Right Close Pushbutton |
| 3 | Air Filter/Regulator/Lubricator and Downstream<br>Relieving Air Shut-Off and Lockout Valve | 7 | Open Pushbutton        |
| 4 | Timer (Optional)   | 8 | Left Close Pushbutton  |
|   |  | 9 | Pressure Arm           |

Figure 2

## Front View – Typical Laundry Collar and Cuff Press

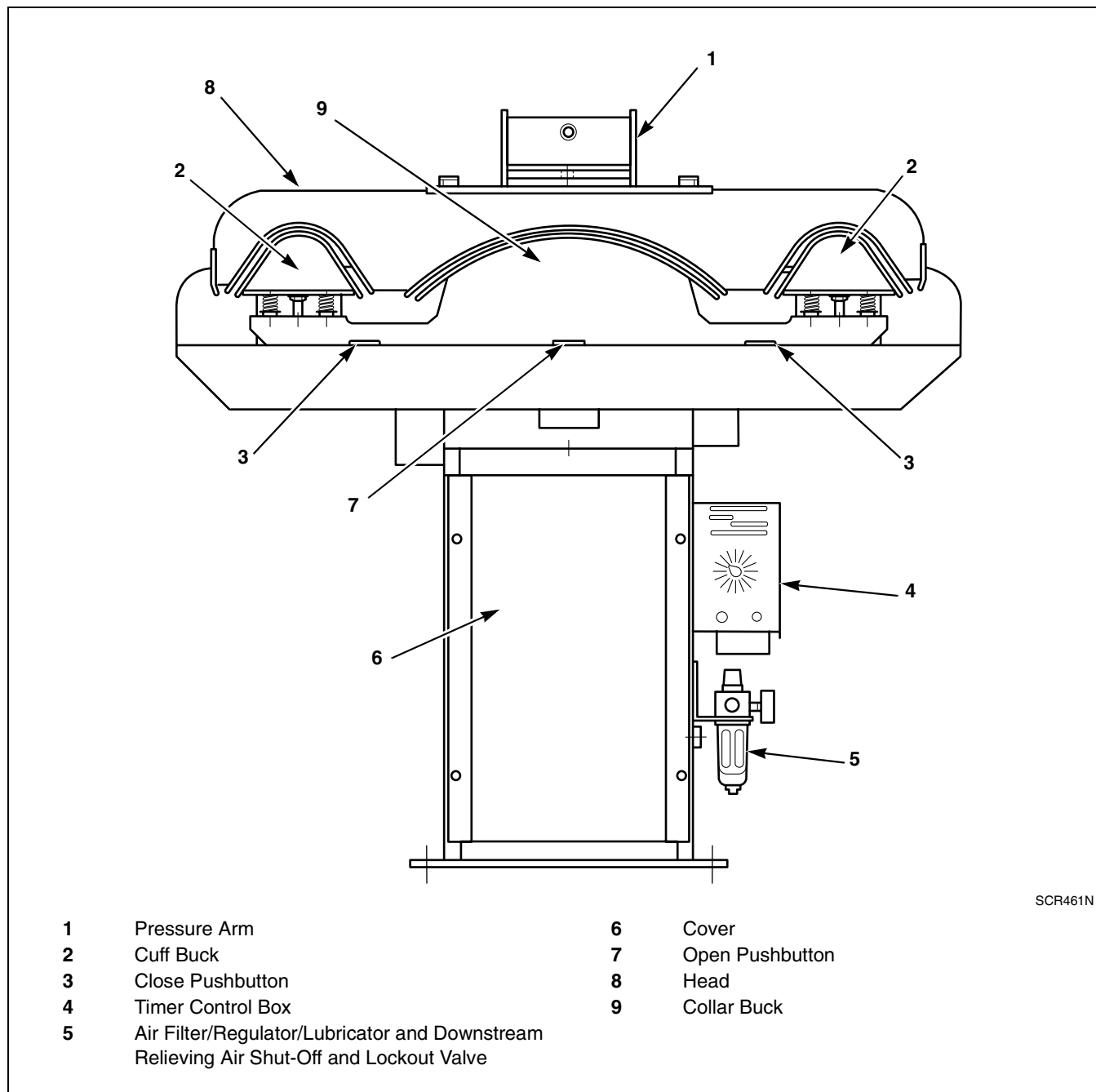


Figure 3

## Rear View – All Laundry Presses

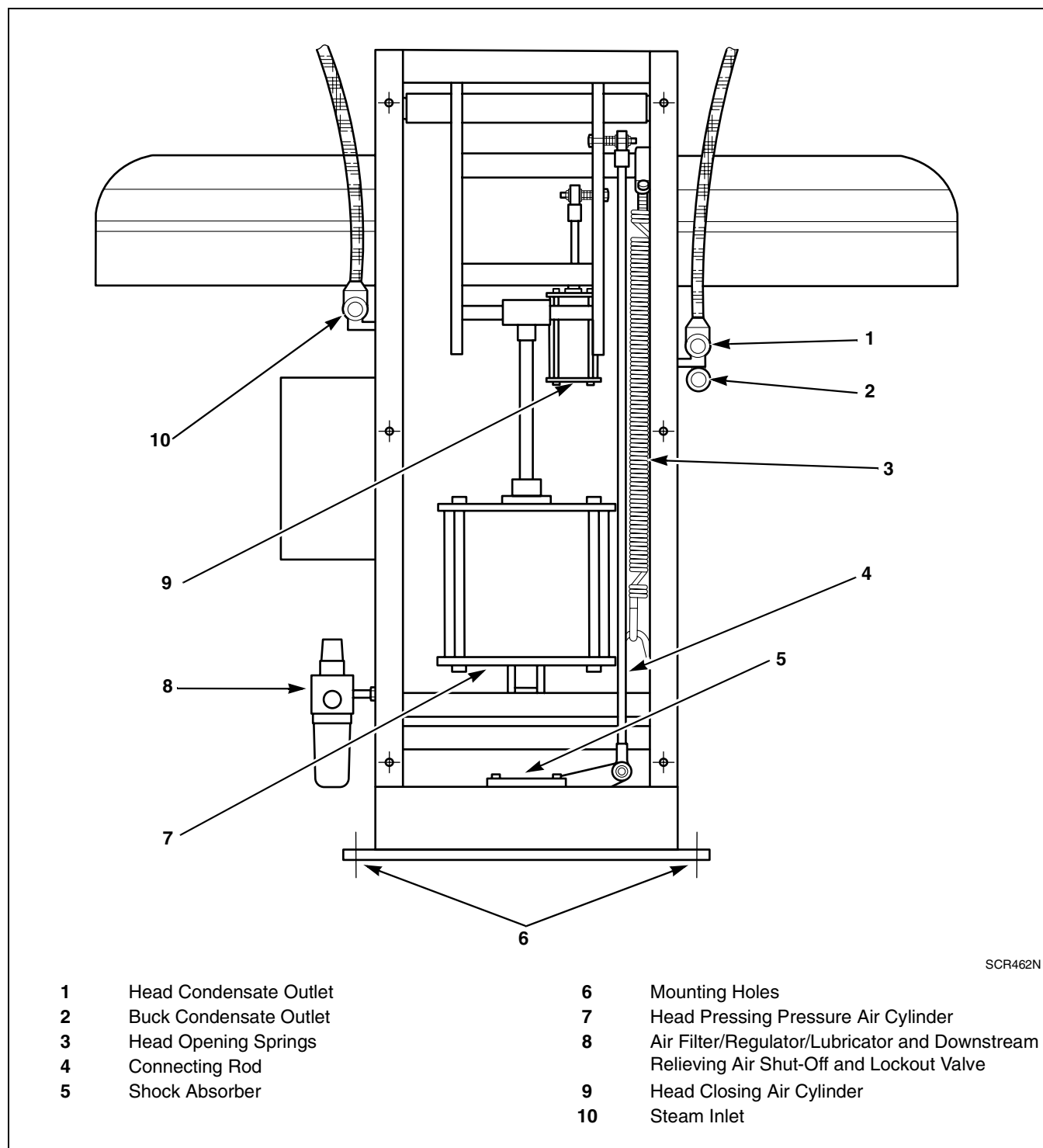


Figure 4

## Dimensions and Specifications

### Specifications

Laundry Press	Net Weights		Supply Requirements		
Model	Weight		Air	Steam (Max. Pressure 115 psig [7.9 bar])	
	lbs.	kg	cu. ft. (cu. m) free air/cycle @ 80 psig (5.5 bar)	bhp (kW) @ 115 psig (7.9 bar)	lbs. (kg) conds/hr
LP19	425	193	0.7 (0.020)	0.75 (7.4)	12.8 (5.8)
LP22	425	193	0.7 (0.020)	0.75 (7.4)	12.8 (5.8)
LP51	680	308	1.1 (0.031)	0.75 (7.4)	55 (25)
LP53	710	323	1.1 (0.031)	0.75 (7.4)	55 (25)
CUCC	595	270	1.1 (0.031)	0.75 (7.4)	26 (12)

Table 1

### Electrical Requirements

#### Presses with Timers Only

115 Volt, 230 Volt/60 Hertz/1 phase (0.50, 0.25) full load amps

110 Volt, 220 Volt /50 Hertz/1 phase (0.50, 0.25) full load amps

#### Electrical Data

NOMINAL VOLTAGE*	115	230	110	220
Frequency/Phase	60/1	60/1	50/1	50/1
Rated Amperes**	0.50	0.25	0.50	0.25
Average Running Amperes	0.31	0.16	0.31	0.16
Quantity Electrical Connections	2 + grd	2 + grd	2 + grd	2 + grd

Table 2

\* The voltages listed are rated machine voltages. The currents listed are rated for system voltage ranges of 110-220 and 220-240.

\*\* Rated Amperes are to be used to determine incoming conductor size and short-circuit protection. Rated amperes are figured in accordance with the 1981 NATIONAL ELECTRIC CODE, Sections 430-22 and 430-24.

Overall Dimensions and Connecting Data

Refer to *Figures 5 and 6*.

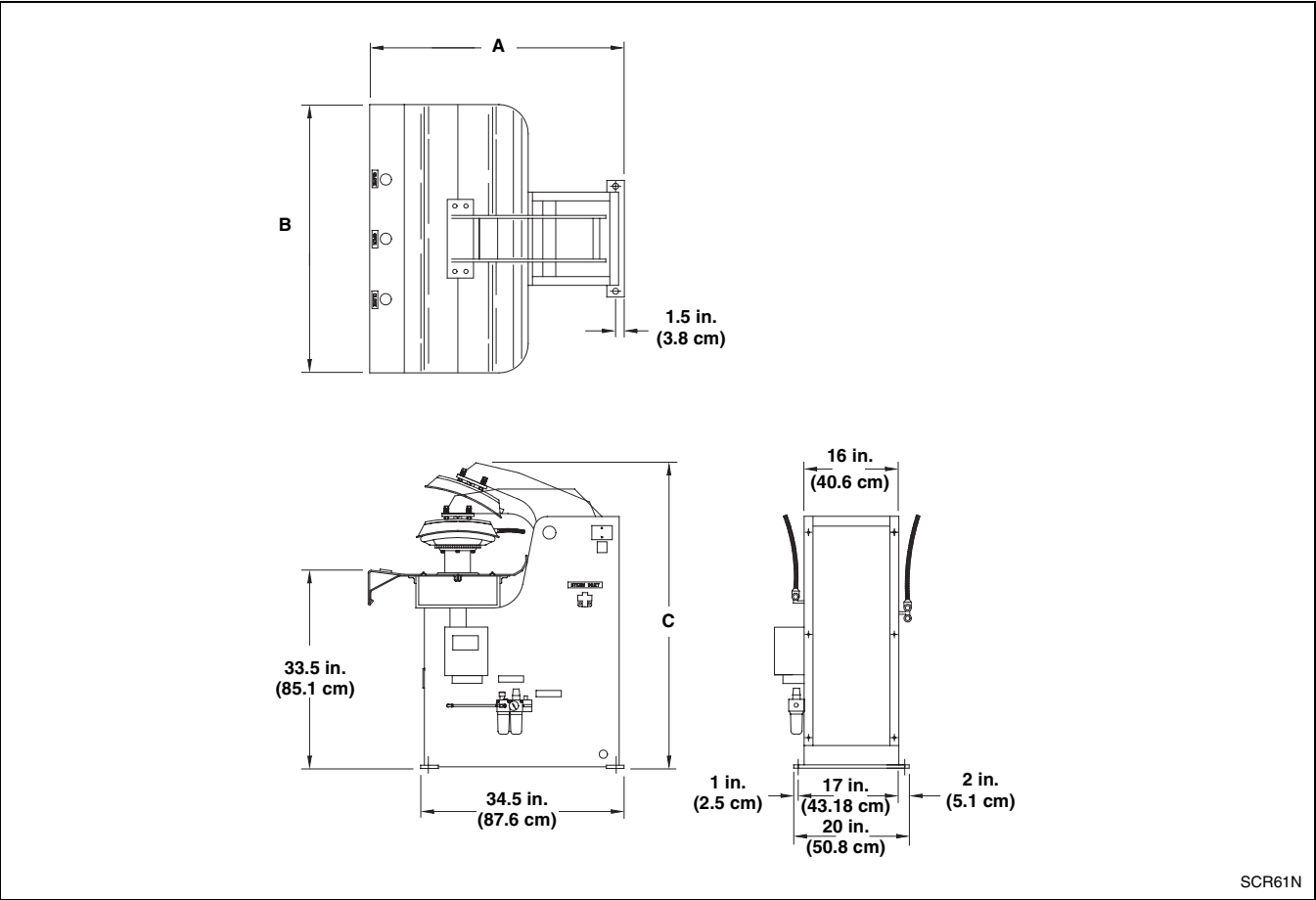


Figure 5

Model	A Depth		B Width		C Head Open Height	
	inches	cm	inches	cm	inches	cm
LP19	42	107	28.5	72	57	145
LP22	42	107	28.5	72	57	145
LP51	43.5	111	60	152	57	145
LP53	43.5	111	60	152	57	145
CUCC	43.25	110	46	117	58.5	149

Table 3

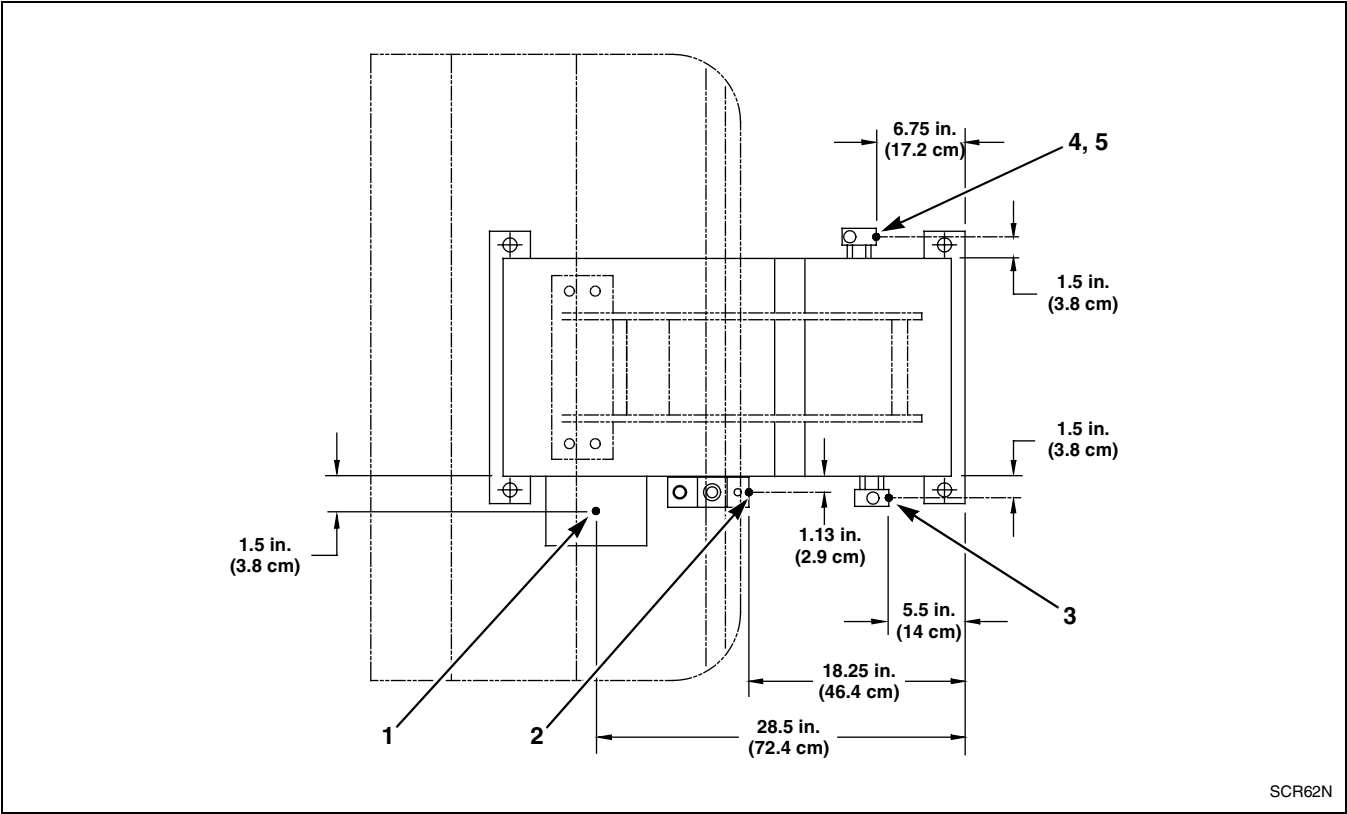


Figure 6

Item	Description	Above Flat Floor		Connection
		inches	cm	
1	Electrical Connection (for optional Timer)	14.75	37.5	Refer to Table 2.
2	Air Inlet	8.5	21.6	1/4 NPT-F
3	Steam Inlet	28.75	73.0	1/2 NPT-F
4	Buck Condensate Outlet	23.63	60.0	1/2 NPT-F
5	Head Condensate Outlet	25.63	65.1	1/2 NPT-F

Table 4



Dimensions of Bucks Without Padding

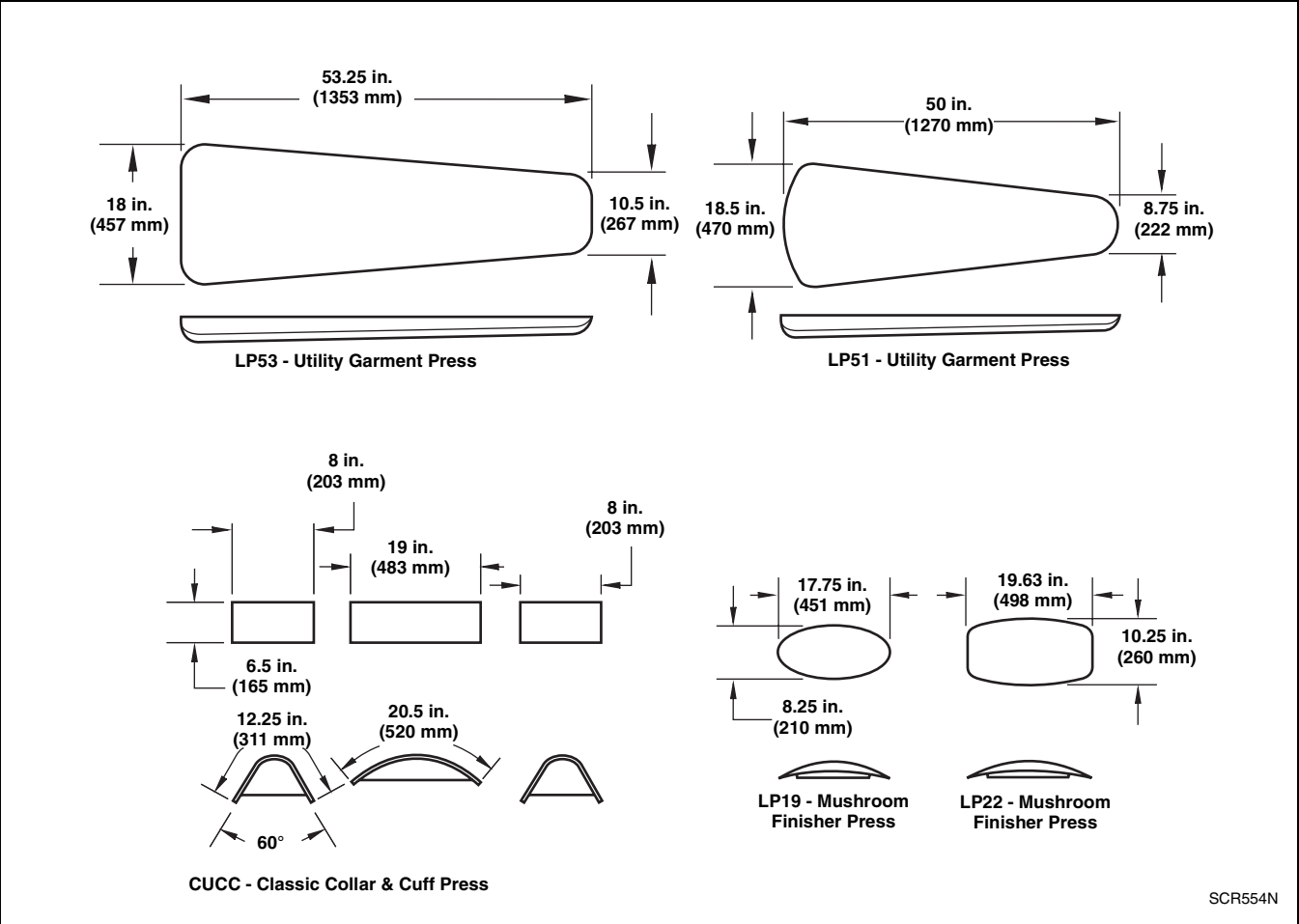


Figure 7

## Required Materials

**NOTE:** Applicable codes, ordinances, specifications and/or other governing data related to installation must be complied with. The materials listed in *Table 5* MAY or MAY NOT conform to these requirements.

Quantity	Description	Source
1	<b>Models with timer ONLY.</b> Lock-out type fused disconnect switch suitable for electric service connected to press (refer to wiring schematic in control box). Not required if circuit breaker is used.	Local
As required	<b>Models with timer ONLY.</b> Wire of suitable size, type and length to connect electric service to press (refer to wiring schematic in control box).	Local
As required	<b>Models with timer ONLY.</b> Flexible conduit and connections to encase wires and make connections (refer to wiring schematic in control box).	Local
2	Steam traps and check valves, or combination steam trap/check valve, sized for buck steam return lines and steam consumption.	Local
2	Ball shut-off valves sized for steam supply and condensate return lines.	Local
1	Ball shut-off valve sized for air supply line.	Local
As required	Pipe, couplings, unions, flanges, etc., to connect steam supply and condensate return lines and air supply line to press. Wall thickness of pipe and tubing must be in compliance with recommendations by compressor and boiler manufacturers and local code.	Local
4	Anchor bolts	Local

Table 5

## Receiving Inspection

Press is shipped assembled and enclosed in a wood slat crate. Upon delivery, inspect crate and contents for shipping damage. If crate or cover is damaged, or signs of possible damage are evident, have carrier note condition on shipping papers BEFORE shipping receipt is signed, or advise carrier of condition when discovered.

Remove protective cover and check items received against items listed on packing list. If any item is damaged or missing, a written claim should be filed with carrier as soon as possible.

## Location Requirements

**NOTE: If a forklift is used to move press, exercise care that forklift arms are inserted under frame and DO NOT CONTACT ANY OPERATING MECHANISM.**

Moving press to installation location while still attached to skid is recommended. However, press can be removed from skid before moving.

### *Removing Press from Skid*

Unscrew four shipping screws from attaching holes. Using a forklift, lift press and remove skid.

Press should be located in an area that provides a minimum of 24 inches (61 cm) between press and any structure.

**NOTE: Above dimensions are considered MINIMUM working and maintenance dimensions and SHOULD BE INCREASED if possible.**

Space between front of table and closest structure should be determined by work requirements, but in no case should be less than 30 inches (76.2 cm).

## Foundation Requirements

Install press on a solid, level floor such as concrete.

**NOTE: Installation on a wooden floor can cause machine to shift, which WILL result in MISALIGNMENT of heads and bucks and DAMAGE to both press and garments.**

Floor should be capable of supporting 125 pounds (56.7 kg) per square foot. Remove all floor covering material (tile, wood, carpeting, etc.) from press mounting area.

## Operating Environment Requirements

Temperature at normal operating position (47-1/4 inches [120 cm] height above floor and 19-5/8 inches [50 cm] horizontal distance from machine) should not exceed 95°F (35°C) with normal ambient condition of 77°F (25°C) at 65% relative humidity. Preventative measures would include:

- ventilation
- air cooling and handling systems
- steam pipe insulation

Fatigue mats can be used for operator comfort.

## Installing Anchor Bolts and Leveling Press

After press is in position, attach it to floor with four anchor bolts (obtain locally). Using frame base anchor bolt holes as a template, drill four holes in floor. Holes must be drilled deep enough to properly install bolts. Securely tighten anchor bolts.

Ensure press is level front and back, as well as left and right. Place a spirit level on top of frame. If press is not level, raise or lower corners as required. Place sufficient shims between press frame and floor. Shims should be sized to make maximum contact with floor and frame to distribute weight evenly. Use industrial grout if necessary.

**NOTE: Make sure machine does not rock back and forth, side to side, or diagonally. Shim out any rocking before tightening anchor bolts. Do not overtighten bolts to shims. Overtightening or rocking could result in misalignment of operating parts.**

### Connecting Steam Supply and Returns

Refer to *Figure 8*.

When facing front of press, steam inlet is located on right hand side of unit. Condensate outlets are on left hand side of unit for both buck and head.

**NOTE: Clean out all pipe lines before connecting them to press. Failure to properly install suitable traps and check valves and supply correct steam pressure will reduce operating efficiency.**

Steam supply connected to press must have a constant pressure of 110 psig (7.58 bar).

The following steps outline the procedure for connecting steam supply and condensate return lines to press:

1. Run a 1/2 NPT steam supply to steam connection with suitable black iron pipe, elbows, strainer, ball valve and union.

**NOTE: A MINIMUM 3 inch (7.62 cm) riser should be installed off supply header to minimize water in steam supply to press.**

**NOTE: It is recommended that a steam strainer be installed between steam supply and press.**

2. Install two suitable 1/2 NPT unions, steam traps, check valves and ball valve between condensate return connections and condensate return lines.

**NOTE: Cast iron inverted bucket traps are recommended. Size traps according to steam pressure and consumption.**

### Connecting Air Service

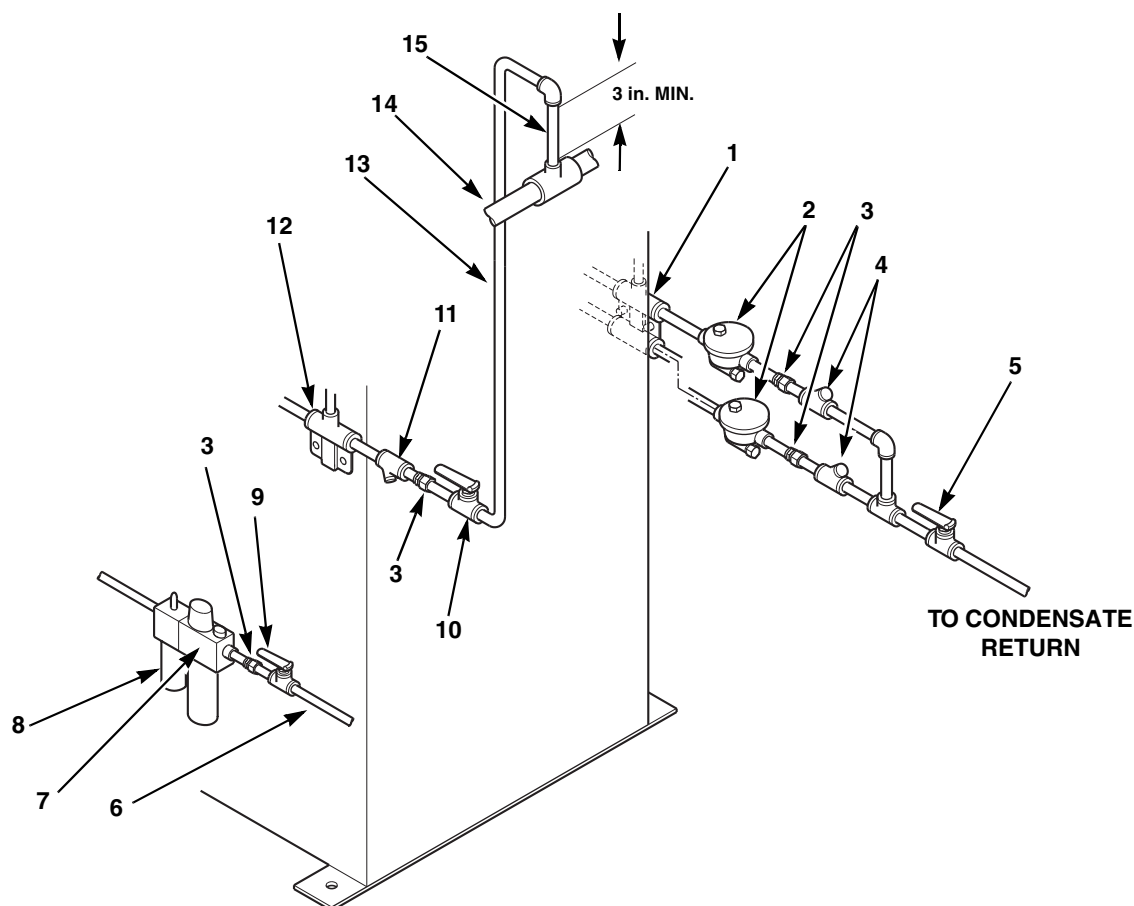
**NOTE: Clean out all pipe lines before connecting them to press.**

Refer to *Figure 8*.

Air service connected to press must have a constant MINIMUM pressure of 90 to 100 psig (6.21 to 6.90 bar) and be of ample volume to meet requirements listed in *Table 1*. Air pressure should be reduced to 75 to 80 psig (5.17 to 5.52 bar) at air inlet regulator (Item 3, *Figure 2*). It is the customer's responsibility to connect air line with galvanized pipe, brass, aluminum or stainless steel pipe, copper tubing, fittings, shut-off valve, union, air filter and air dryer suitable for delivery of clean, dry air to inlet.

**NOTE: Failure to provide clean, dry air to press will cause premature valve failure and unnecessary downtime.**

A shut-off valve and union placed at each unit is recommended.



SCR463N

- |   |   |    |                                |
|---|---|----|--------------------------------|
| 1 | Steam Return*                                   | 9  | Air Supply Line Shut-Off Valve |
| 2 | Steam Trap                                      | 10 | Steam Supply Shut-Off Valve    |
| 3 | Union (Refer to <i>Table 4</i> for union sizes) | 11 | Steam Strainer                 |
| 4 | Check Valve                                     | 12 | Steam Inlet*                   |
| 5 | Condensate Return Shut-Off Valve                | 13 | Steam Supply Line              |
| 6 | Air Supply                                      | 14 | Header                         |
| 7 | Air Pressure Gauge                              | 15 | Riser                          |
| 8 | Filter/Regulator/Lubricator*                    |    |                                |

\*Parts installed on press by manufacturer

Figure 8

### Connecting Electrical Service

#### Presses with Timers Only

The following steps outline the procedure for connecting electric service:


1. Install a suitably sized fused disconnect switch or circuit breaker as close to press as practical.
2. Remove one knockout plug from electrical connection box.
3. Connect proper size conduit encased wires to wires inside box.
4. Connect conduit to box.

**NOTE:** Refer to wiring schematic enclosed in control panel.

#### Final Preparation for Use

**NOTE:** Press passed a thorough inspection before it was shipped; however, due to vibration encountered during shipment, some cap screws, nuts, screws or fittings may have loosened.

After press is installed, all covers and guards should be removed and the following performed:

	<b>WARNING</b>
<b>To avoid possible serious injury, BEFORE making final check-out:</b>	
<ul style="list-style-type: none"><li>• <b>ALWAYS</b> shut off services to press <b>BEFORE</b> removing guards and covers to do <b>ANY</b> maintenance, service, setup, adjustments or repair tasks.</li><li>• Shut off <b>AND</b> lock out <b>ALL</b> electric power to press.</li><li>• Shut off <b>AND</b> lock out <b>ALL</b> air service to press.</li><li>• Shut off <b>AND</b> lock out <b>ALL</b> steam service to press.</li><li>• Let heated surfaces cool.</li></ul>	
W337	

- Check all bolts, nuts, screws, tru-arc rings, terminals and fittings for security and tighten as required.
- Check oil level in air line lubricator. It should be 3/4 full (approximately 1/2 inch [12.7 mm] from top).
- Check air tubing. It should be clear of steam lines and moving parts.
- Check that foot pedals can be fully depressed. No carpet, rubber pads, etc., under pedals to restrict movement.


### Removing Shipping Block from Press

Refer to *Figure 9*.

To secure press during shipment, the factory installed a wooden shipping block at pressing pressure cylinder shaft.

The block can easily be removed by following steps below:

1. Cut and remove tape from wooden block.
2. Open air supply shut-off valve.
3. Set air pressure on filter/regulator/lubricator at press inlet to between 75 and 80 psi (5.17 and 5.52 bar).
4. Close and lock press head by pressing close pushbuttons.
5. Using a hammer or any long handled striking device, knock shipping block away from pressing pressure cylinder.

	<b>WARNING</b>
<b>To avoid possible serious injury:</b>	
<ul style="list-style-type: none"><li>• <b>ALWAYS</b> be careful to <b>AVOID</b> spring-loaded components when working inside press.</li><li>• Installation <b>MUST</b> be performed <b>ONLY</b> by qualified service personnel.</li></ul>	
W336	

6. Press open pushbutton to open press head.
7. Keep shipping block. Save block and use to hold head closed during maintenance.

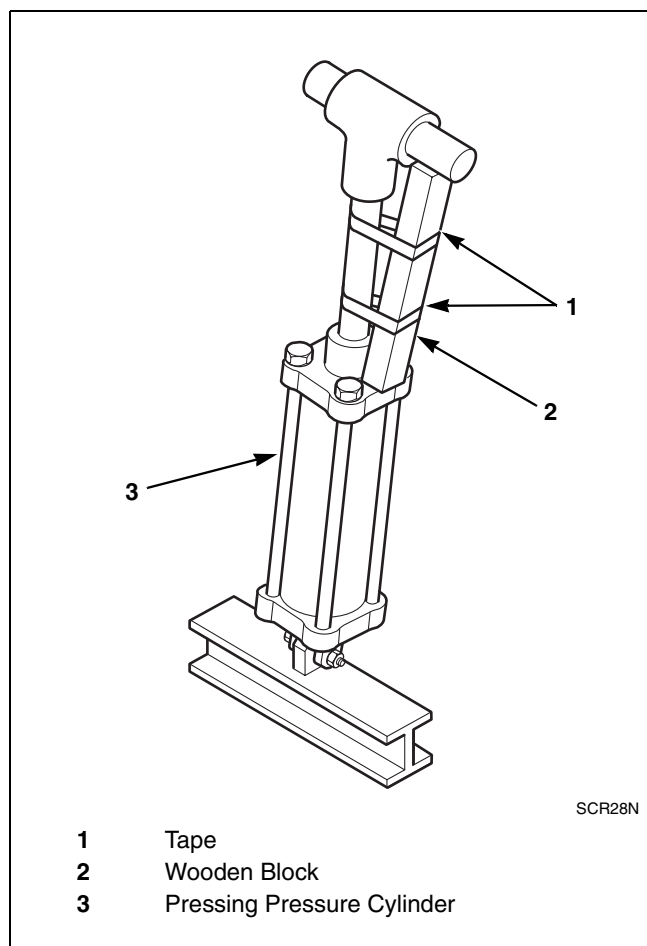


Figure 9

## Final Check-Out Procedures

The following paragraphs outline check-out procedures for properly operating mechanical, air, electrical and steam systems.


FAILURE to perform requested checks and make corrective actions as required could result in damage to press.

**NOTE: Refer to *Operation/Maintenance Manual* to identify controls before performing following check-outs.**

### Mechanical and Air System Check-Out

1. Open air supply shut-off valves.
2. Simultaneously push and hold both close pushbuttons until head is touching buck. Head should continue downward until padding is squeezed. Pressing pressure is now applied and head is locked.
3. Push open pushbutton. Head return springs should pull head open.
4. Simultaneously push both close pushbuttons. As head travels downward, release left pushbutton. Head should return open.
5. Simultaneously push both close pushbuttons. As head travels downward, release right pushbutton. Head should return open.
6. Simultaneously push both close pushbuttons. Have a second person press open pushbutton as you continue pressing the close pushbuttons. Head should return open.
7. If pushbuttons do not perform as described above, do not operate press. Call a qualified service technician.

### Steam Check-Out

	<b>WARNING</b>
<p><b>To avoid possible serious injury when cleaning or repairing traps or strainers:</b></p> <ul style="list-style-type: none"><li>• <b>Shut off AND lock out ALL steam service to press.</b></li><li>• <b>Let heated surface cool.</b></li></ul> <p style="text-align: right;">W340</p>	

Slowly open shut-off valves in steam supply and condensate return lines to prevent water hammer in steam pipes.

1. Check all steam lines for leaks.
2. Allow press to heat for 15 minutes.
3. Check head surface temperature with a pyrometer or temperature stick measuring device. Temperature should be 320° to 325°F (160° to 163°C).

### Electrical Check-Out

#### Presses with Timers Only

Close electrical disconnect switch or circuit breakers.

1. Place timer switch to ON position.
2. Set timer for 25 seconds.
3. Close press head.
4. Head should close against buck for approximately 25 seconds then open automatically.
5. If press does not perform as described above, do not operate press. Call a qualified technician.