

# Installation Instructions Cont.

## 5. STEAM IRON:

When the press is supplied with a steam iron, a separate condensate outlet connection is required. This connection point will be found next to the main steam inlet connection point of the press, and should be connected to the return main as per instruction (4) above

## 6. VACCUM:

The air or steam vacuum valve is usually located on the left side of the press:

- a) Air Vacuum: the valve outlet pointing towards the rear of the machine is threaded. Connect to vacuum unit header with a union as near the valve as possible. This will aid in servicing the valve when required. If the vacuum unit is servicing more than one press, check the manufacturer's recommendations for the number of presses and pipe sizes.
- b) Steam Vacuum: The valve outlet pointing towards the rear of the machine is threaded to take 1 1/4" pipe. Connect to a 100-liter discharge tank or outside atmosphere avoiding the use of elbows. The discharge end should be pitched lower than the vacuum valve to allow condensation to drain and a union fitted near the valve. A discharge tank must be vented and have a drain valve. A proportionally larger discharge tank and a common vacuum line may be used for several presses providing that a check valve is installed as near the press as possible.

## OPERATING INSTRUCTIONS

### 1. START-UP PROCEDURES:

- a) Open the steam inlet valve slowly, allowing the steam to gradually enter the press. Rapid inlet of high-pressure steam can cause damage of even crack a head or buck.
- b) When operating pressure is reached, open the press drain valve, located below the return connections. For quicker starting drain the condensate until steam flows freely, then close the valve tightly.

Do not press any steam valves until press is properly heated, as this will cause a flow of wet steam.

### 2. PRESS CONTROLS:

To close the head, pull down on the handle above the head. As the head comes in contact with the buck, step on the main pedal in the front of the press. Sufficient pressure will lock the head to a closed position. Due to the balanced design of the machine, this complete operation may be performed by using the main pedal only – leaving the hands free. The head pressure is controlled by hand-wheel located behind the head valve. To increase pressure, turn the hand wheel counter clockwise and clockwise to reduce pressure. Excessive pressure only causes undue strain and, consequently, unnecessary wear to the machine. There is a marking of + and – to show rotation for pressure.

The locked head is released by depressing the release lever located just behind the right end of the closing handle. Depressing the head valve handle controls Head steam. This is located just behind the center of the closing handle.

The pedal located to the right of the main pedal, if supplied, controls Buck steam. The pedal located to the left of the main pedal controls vacuum.

### 3. PRESSING HINTS:

Buck steam is used to soften the garment for shaping before applying head pressure. Head steam is usually applied during the downward motion of the head, to moisten the work being pressed, prior to locking. Vacuum is used to dry and cool the garment after the head has been released.

- Avoid excessive pressure – too much pressure causes “shine”
- Do not lock head on soft fabrics – pat the fabric with head, using head steam
- Shape garment carefully using buck steam before applying pressure
- Shrink in fullness – do not stretch to smooth out.
- Use vacuum freely to cool and dry garment before making next lay
- Keep buck padding soft and resilient
- Keep head and buck surfaces clean.

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