

Mueller® H-624 Air Power Operator

GENERAL

This publication addresses some of the safety issues when operating this machine. Neglecting to follow these recommendations may pose serious hazards or result in failure of equipment. The H-624 operator of this machine must have access to, have read, and fully understand this document and the recommendations and operating instructions for the H-624 Air Power Operator.

The H-624 Air Power Operator provides air power to drive various Mueller® Stopping Machines. Refer to current Mueller product catalog for machine compatibility.

⚠ WARNING: The H-624 operator of this machine must adhere to the following instructions to reduce the possibility of misuse of the machine or accident. Failure to observe these instructions and the following warnings could result in serious bodily injury.

Always wear eye protection when operating this machine.

DO NOT use damaged, frayed, loose or deteriorated air hoses or fittings.

Always turn off the air supply and disconnect the air supply hose before installing, removing or adjusting any accessory on this machine, or before performing maintenance on this machine.

⚠ CAUTION: DO NOT modify this machine. Doing so could void the warranty and create a safety hazard.



SPECIFICATIONS FOR H-624 AIR POWER OPERATOR

- Weight – 17 lbs. (37.4 kg)
- Length – 21" (53.3 cm)
- Width – 4" (10.2 cm)
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- Air Consumption – 33 scfm at max power (.93 m³/min)
- Free Speed – 117 rpm
- Operation – Reversible

1. OPERATING INSTRUCTIONS

⚠ CAUTION: Pneumatically driven power tools are not generally insulated against coming in contact with sources of electrical current. Take necessary precautions if sources of electrical current are nearby.

⚠ WARNING: Operate this machine at 90psig (6.2 bar/621kPa) air pressure.

- Be sure to read the Mueller Operating Instructions for the Mueller stopping machine that is being powered by the H-624 operator.
- Install stopping machine on pipe according to the stopping machine's operating manual.
- After the stopping machine has been positioned on the pipe according to the machine instructions, attach the H-624 operator to the stopping machine.

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2. CONNECTING THE H-624 OPERATOR TO THE STOPPING MACHINE

- A. Position the square coupler of the H-624 operator over the square end of the stopping machine operating tube screw and engage.
- B. Turn the body of the H-624 operator until the slots at the end of H-624 operator can be lowered into the tie bar on the end of the machine.
- C. Push the H-624 operator fully into the square drive of the operating tube screw.
- D. Connect the air source to the lubricator air hose that is attached to the inlet valve of the H-624 operator. Make sure the air lubricator is filled with a good grade air lubricant, such as Mobil DTE Light or equivalent.
- E. Make sure H-624 operator inlet valve is closed and then apply operating air pressure to the valve.
- F. Open the H-624 operator outlet valve, then open the inlet valve. Lower steel wedge stopper until first square shaft is visible.

⚠ CAUTION: DO NOT lower stopper until it bottoms out in fitting.

⚠ CAUTION: DO NOT expand steel wedge stopper with H-624 operator.

Continue with stopping operation in accordance with stopping machine operating manual.

- G. To reverse operation, disconnect air hose and place on other valve.

3. DISCONNECTING AIR POWER OPERATOR

- A. After completing the stopping operation, manually decompress the stopper to fully retracted position in accordance with the stopping machine operating manual.
- B. To raise stopper, make sure H-624 operator outlet valve is closed and then apply operating air pressure to outlet valve. Open the H-624 operator inlet valve, then open outlet valve.
- C. Continue retracting the stopping machine operating tube screw until

clamp bar is approximately 1" from its rear most position.

⚠ CAUTION: DO NOT use H-624 operator to raise steel wedge stopper to rear most position. Finish the final distance manually.