

MUELLER® H-605 AIR POWER OPERATOR

OPERATING INSTRUCTIONS

1. GENERAL INSTRUCTIONS

- 1.1 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 operator of this machine must have access to, have read, and fully understand this document and the recommendations and operating instructions for the H-605 Air Power Operator.

! WARNING

The 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 and hearing 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.

2. APPLICATION

- 2.1 Provides air power to drive various Mueller® Drilling Machines.
Reference to current Mueller product catalog for machine compatibility.

3. SPECIFICATIONS FOR H-605 AIR POWER OPERATOR

- 3.1 Weight (Operator Only) – 15 lbs. (6.8 kg)
3.2 Length – 19" (48 cm)
3.3 Width – 3.5" (9 cm)
3.4 Height – 3.5" (9 cm)
3.5 Required air pressure – 90 psig (at the operator) (6.2 bar)
3.6 Air consumption – 36 scfm @ max. power (1 m³/min)
3.7 Free speed – 52 rpm
3.8 Operation – non-reversible



4. WHEN OPERATING THIS MACHINE

! 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 90 psig (6.2 bar/621 kPa) air pressure.

5. OPERATING INSTRUCTIONS

- 5.1 Be sure to read the Mueller Operating Instructions for the Mueller drilling machine that is being powered by the H-605 operator.
5.2 Install drilling machine on pipe according to the drilling machine's operating manual.
5.3 After the drill or pilot drill has been positioned at the pipe according to the machine instructions, attach the operator to the machine.

(Continued)



MAIN OFFICE – Decatur, IL (217) 423-4471
CANADA – Mueller Canada Inc., Milton Ontario (905) 878-0541
www.muellercompany.com

MUELLER® H-605 AIR POWER OPERATOR

OPERATING INSTRUCTIONS

6. CONNECTING THE H-605 OPERATOR TO THE DRILLING MACHINE

- 6.1 Position the square coupler of the operator over the square end of the drilling machine boring bar and engage them slightly.
- 6.2 Turn the body of the operator until the end of operator can be lowered into the adapter plate on the end of the machine, aligning the latch pin holes in the operator with those on the adapter plate.
- 6.3 Push the operator fully into the adapter plate and insert the two spring loaded latch pins through the latch pin holes. The pins must pass completely through the adapter plate in order to lock the operator to the machine.
- 6.4 Connect the air source to the lubricator air hose that is attached to the inlet valve of the operator. Make sure the air lubricator is filled with a good grade air lubricant, such as Mobil DTE Light or equivalent.
- 6.5 Make sure the operator inlet valve is closed and then apply operating air pressure to the valve.
- 6.6 Open the operator inlet valve and conduct the drilling operation in accordance with the drilling machine operating manual.

7. DISCONNECTING AIR POWER OPERATOR

- 7.1 After completing the drilling operation, retract the drill or shell cutter from the pipe in accordance with the drilling machine operating instruction manual.
- 7.2 When the tools have cleared the pipe, close the operator inlet valve and remove the air power operator from the drilling machine.
- 7.3 Following the instructions in the drilling machine manual, continue retracting the drilling machine boring bar until it is at its rearmost position.

