

OPERATION INSTRUCTIONS

MUELLER® H-607 POWER OPERATOR (PARKER MOTOR)



1. Failure to use hydraulic hoses labeled and certified as non-conductive when using hydraulic tools on or near electrical lines may result in death or serious injury.

Before using hoses labeled and certified as non-conductive on or near electrical lines, be sure each hose is maintained as non-conductive. Each hose should be regularly tested for electrical current leakage in accordance with your safety department instructions.

2. A hydraulic leak or rupture may cause oil injection in the body or cause other severe personal injury.

A. Do not exceed specified flow and pressure for this tool. Excess flow or pressure may cause a leak or rupture.

B. Do not exceed rated working pressure of hydraulic hose used with this tool. Excess pressure may cause a leak or rupture.

C. Check hook, hose, couplers and connectors daily for leaks. Do not feel for leaks with your hands. Contact with a leak may result in severe personal injury.

D. Do not lift or carry tool by the hose(s). Do not abuse hose. Do not use kinked, torn or damaged hose.

3. Make sure hydraulic hoses are properly connected to the tool before pressurizing system. Reversing tool operation can result in severe personal injury and/or equipment damage.

4. Do not connect closed-center tools to open-center hydraulic systems. This may cause extreme system heat and/or severe personal injury.

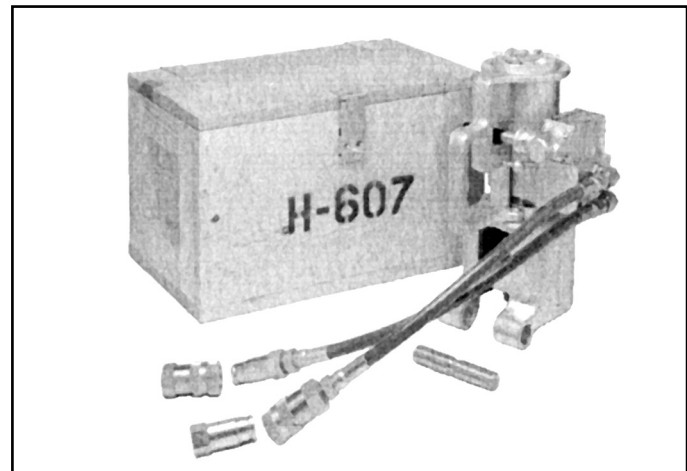
Do not connect open-center tools to closed-center hydraulic systems. May result in loss of other hydraulic functions powered by the same system and/or severe personal injury.

5. Bystanders may be injured in your work area. Keep bystanders clear of your work area.

6. Wear hearing, eye, foot, hand and head protection.

IMPORTANT

Read and understand operation instructions for this tool before using it. Use only parts approved by Mueller Co.



APPLICATION

The H-607 Power Operator may be used to provide hydraulic power to drive Mueller CH-6, CL-12, and C1-36 Model #5 Large Drilling Machines.

SPECIFICATIONS

Weight	31 lbs/14 kg
Length	14 in/ 36 cm
Width	5 in/13 cm
Height	6 in/20 cm
Flow Range	7-9 gpm/ 26-34 lpm
Motor Speed (without load)	61 rpm at 8 gpm
Pressure	1500 psi/105 bar

OPERATION

Be sure to read and understand the operating instructions for the Mueller Drilling Machine used in conjunction with the H-607 Power Operator.

To connect the H-607 Power Operator to the Mueller Drilling Machine:

1. When using the CL-12 machine, loosen the thumb screw holding the lifting yoke and pivot in place. Remove these parts for future use.

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OPERATION CONT.

When using the C1-36 machine, loosen the thumb screw on the pivot base attached to the front bearing plate of the drilling machine. Remove pivot and keep for future use.

2. Position the H-607 Power Operator over the pivot base and install the pivot pin supplied with the H-607 Power Operator.
3. Tighten the thumb screw to retain the pivot pin.
4. Connect the H-607 Power Operator to the hydraulic system, observing the precautions provided on the previous page.

The H-607 Power Operator **MUST** be connected correctly to the hydraulic system for the motor to turn in the correct direction, and to prevent possible equipment damage to the motor or cutter, or severe personal injury. The correct rotation is to drive the machine spindle clockwise.

5. Turn on the hydraulic system and momentarily activate the valve on the H-607 Power Operator to allow the motor drive square to align with the square on the machine drive spindle. The motor should drop into place.
6. Swing the eyebolt on the Drilling Machine up between the ears on the base of the H-607 Power Operator -- the washer should be on top of the ears. Tighten the wing nut.

The directional control valve on the H-607 Power Operator is detented, and will remain in the ON position when the valve lever is moved to the ON position.

Notice: Drilling machine must come to a complete stop before reversing direction of rotation. Failure to come to a complete stop may damage motor and/or machine and void warranty.



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