

CIV-16G-I All Pneumatic

The CIV-16G-I Inverter & Valver is designed specifically for servicing acetylene cylinders. This unit combines features of the GVM-16 Turnair Valving Machine and the PCT Cylinder Inverter to provide inspection of the cylinder bottom, porous filler and fusible plugs, and also devalues cylinders when required.

- The CIV-16G-I is designed for ease of valve removal and proper inspection, of the acetylene cylinder (as described in CGA pamphlet, C-13) by inverting the cylinder to provide an unobstructed view of the cylinder bottom, fusible metal foot ring.
- The CIV-16G-I is completely air powered. The system is mounted on heavy-duty casters to allow the unit to be moved from one workstation to another.
- Limit switches prevent inversion while the devalving head is down
- The devalving jaws of the CIV-16G-I come with Monel Non-Sparking Stainless shoes
- System built without copper components. Copper content in brass is less than 70%

OPERATION

- Cylinders are positioned into the clamp jaws and at the push of a button, the cylinder is lifted to the horizontal position to allow visual inspection of the cylinder. Next, the cylinder swings to the inverted position to allow the fusible plugs to be removed for maintenance, or for inspection of the bottom of the internal porous filler. The cylinder is then returned to the upright position and the counter balanced Turnair Valver Head is lowered to remove the valve from the cylinder neck. Once the valve has been removed, the top of the internal porous fill may be inspected and repaired as necessary. After inspection is complete, the Turnair Valve Tongs are used to replace the valve in the cylinder neck.

SPECIFICATIONS



- Dimensions 72"L x 36" W X 95" H
- Air Requirements 120 PSI @ 20 CFM at max torque
- Maximum Torque 720 ft/lbs. (Fully Adjustable)
- Maximum Clamping Force 3000 lbs (Fully Adjustable)
- Cylinder Size 3" to 16" Diameter x up to 58" Tall
- Maximum Cylinder Weight 400 lbs

Option: Small Cylinder Lift Assembly is available for loading cylinders into position for the valving operation. Max capacity for cylinder lift is 500lbs. Lifting distance up to 16".



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