

HYDRAULIC PUSH OVER MACHINE (MADE IN USA)



MODEL NO. 43-000230

For Barring-Over All EMD Locomotive Engines Equipped with Jacking Pads

The new, improved Model 43 is the “no-sweat” way to bar-over your EMD engines, reduce your labor requirements and speed up engine inspection and repair. Piston, Ring, and Liner inspections can be made quickly and easily by one man.

The Model 43 is a state-of-the-art electronically controlled hydraulic system designed for high durability and ease of maintenance. The hydraulic manifold has “quick change” ability incorporated. The plug-in style electrical connectors and the screw-in style hydraulic components make the Model 43 maintenance friendly.

FEATURES

- 1.12kW (1.5HP) 137Bar (2,000PSI) Power Unit with 230VAC single phase motor
- Push-Over Power Head with 9m Supply Lines
- Electrical Control Panel
- Control Pendant attached to Power Unit by 9m Control Cable
- All mounted on pneumatic tired cart for ease of mobility

SPECIFICATIONS

Model No.	Hydraulic (Bar)	Electric (VAC)	Cable Length (m)	Motor (kW/HP)
43-000230	700	230/50	9.0	1.12/1.5

HYDRAULIC RATCHET WRENCH (MADE IN USA)

MODEL NO. 60-000230DP

For Loosening, Tightening, and Torqueing Crab Nuts on EMD 567 and 645 and 710 Diesel Engines

This heavy-duty wrench allows for smooth and accurate torque with a range of up to 4750Nm and maximum breakaway of 5-52Nm. Three torque settings available are factory at 1220, 2440 & 3250Nm. The mechanic controls the torque by push-button and does not have to maintain visual contact with the gauges to monitor stroke or output. The wrench cycles continuously until the selected torque is reached. At this point the unit shuts off automatically notifying the user that the crab nut is torqued.

FEATURES

- Hydraulic Ratchet Wrench
- 0.84kW (1-1/8HP) Electrically Driven 700Bar (10,000PSI) Hydraulic Power unit
- Industrial Controls
- 18.9L reservoir
- 3 Selectable Pressure Switches
- Pressure Gauge
- Pressure Regulator
- Factory Sealed
- Pressure Relief Valve
- 7.6m Hydraulic & Electric Supply Lines with Pendant Control
- 2 Socket Torque Fixtures
- All Mounted on a Pneumatic tyred Cart for Ease of Mobility

SPECIFICATIONS

Model No.	Hydraulic (Bar)	Torque Range (Nm)	Electric (VAC)	Cable Length (m)	Motor (kW)
60-000230DP	700	4750 (Max, Breakaway 5-52)	230/50	7.6m	0.84



HYDRAULIC TOOLS & EQUIPMENT

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