

WTC Machinery is a global leader in designing and building machinery and tooling for heavy equipment repair facilities.



WTC MACHINERY
Engineered to perform. Built to last.

HCRS-1B

Overview

The HCRS-1B Hydraulic Cylinder Repair Stand provides a stable platform for disassembling, servicing and reassembling hydraulic cylinders. The HCRS-1B provides hydraulic assist to remove and reinstall the piston assembly, and a full set of clamps and supports to safely service only rod eye hydraulic cylinders.

Using the self-contained hydraulic system, the HCRS-1B removes and re-installs piston keeper nuts with torque up to 20,000 ft-lbs (27,100 N-m).



Specifications:

Maximum Cylinder Weight:	8000 lbs (3650 kg)
Maximum Barrel Diameter:	20 in (0.76 m)
Maximum Cylinder Length:	120 in (3.04 m)
Maximum Rod Eye Width:	8.8 in (225 mm)
Maximum Piston Nut (Across Flats):	6.3 in (162 mm)
Piston Extraction / Insertion Force:	14,000 lbs (6560 kg-f)
Maximum Torque:	20,000 lb-ft (27,100 N-m)

Electrical

Power Requirements:	2 Hp (1.5 kW)
Standard Voltages:	120/60, 220/50, 230/60 Single-Phase