

ABOUT US

Hydraulitechs is an innovative design and assembly business specializing in the production of hydraulic-shop machinery with over 20 years of industry experience.

Our engineers have extensive backgrounds in machine and hydraulic design which allow us to deliver efficient, effective and user-friendly products.

CUSTOMIZABLE HYDRAULIC MACHINES TO BOOST YOUR ROI

Deliver amazing value to any shop with the addition of the Hydraulic cylinder repair bench, Automatic Honing Machine, Rod polisher and Test rig.

Flexible builds and affordable pricing will significantly increase your return on investment.

INNOVATIVE HYDRAULIC-SHOP MACHINERY



ACTU

NEW products release

- ACTU (Automatic Cylinder Testing Unit) is a fully automated, PLC-controlled cylinder testing system that performs complete test sequences with real-time monitoring and graphing.
- Rated to 5,000 psi with a 20 HP power unit and 100-gallon reservoir, it delivers fast, accurate, and repeatable testing.



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CONTACT US

2215 Faithfull Ave,
Saskatoon,
SK, S7K 1T8,
Canada

+1-306-683-1960

contact@hydraulitechs.com

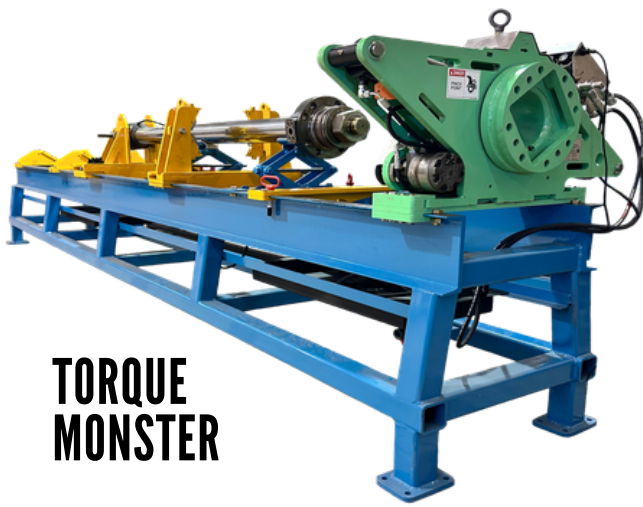


HYDRAULITECHS

Power Up Your Hydraulic Operation

www.hydraulitechs.com



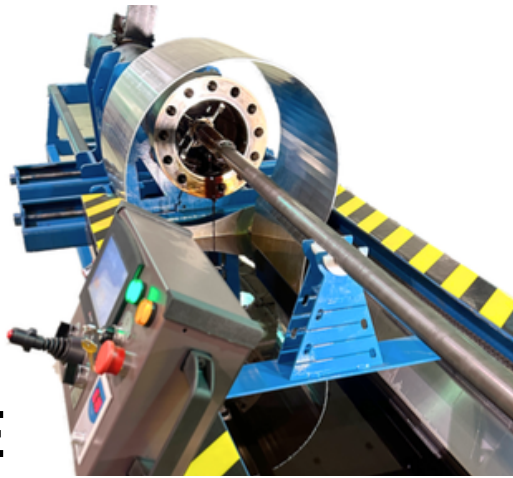


TORQUE MONSTER

Model HTW50: 50,000 ft/lbs.
Model HTW100: 100,000 ft/lbs.

- The Hydraulic cylinder repair bench is designed to disassemble and assemble all types of piston nuts and cylinder glands, do the push/pull and complete the repair process.
- HTW50 suits heavy construction and mining cylinders; HTW100 is made for extra-heavy mining applications.

HONING MACHINE



Model HONIX-WS-15: Max diameter 21", Stroke max 15 Ft.
Model HONIX-WS-20: Max diameter 21", Stroke max 20 Ft.

- Auto feed honing oil through drive shaft.
- Self-centering mechanism and work holding system.
- PLC controlled touch screen with load graph & manual button.
- High quality honing oil filtration.
- Auto tensioning system and adjustable load wheel & remote pre-feed wheel.



APR-24

ROD POLISHER

Model APR-24:
Automated/Manual polisher, Max 39 ft, 10000 lb

Electro-pneumatic sander engagement, position limit switch & cycle counter, adjustable sander pressure & dust cover with fan

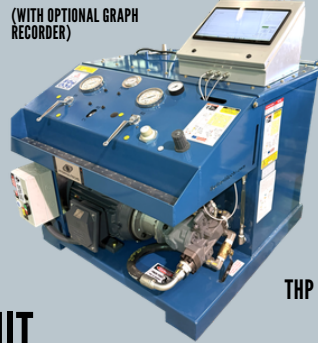
Model MPR-24: Manual polisher, Max 15 ft, 2000 lb



MPR-24



TLP



THP

(WITH OPTIONAL GRAPH RECORDER)

CYLINDER TEST UNIT

- TLP: 2500-3000 psi, 2-5 g/m, 25 gal, 5 hp
- THP: 5000 psi (10000 custom), 5-20 g/m, 100 gal, 20 hp

PORTABLE GRAPH BOX

- Multi-channel pressure, temperature, flow, voltage, and analog inputs (0-10 V, 4-20 mA).
- Touchscreen operation with real-time graphing, USB export, and LAN connectivity.



GB12



CH-PD20



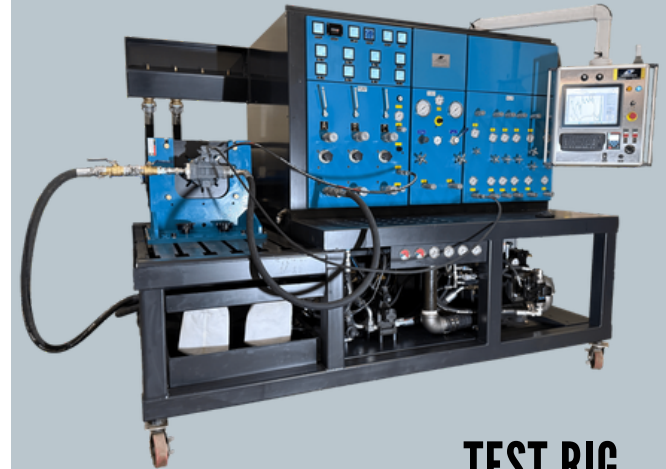
CH-S20



PTA20

PORTABLE OIL TRAY & CHAIN VISE

- CH-S20: Stand contains two legs and a chain vise. It will be bolted to the ground.
- CH-PD20: Consists of two CH-S20 units mounted on a portable frame with adjustable sliding positions. The frame can also be bolted to the floor for permanent installation if required.
- Each chain vise secures cylinders up to 20".
- PTM20/PTA20: Movable metal/aluminum oil tray with four wheels for easy positioning and oil collection.



TEST RIG

Model HTR-500: 50 hp, 200 gal
Model HTR-1000: 100 hp, 200 gal

- The HTR hydraulic test rig is a multi-functional universal test stand and designed for general shop testing.
- The HTR is capable of testing components such as pumps, motors, drives, valves, cylinders, accumulators, hydraulic concrete hammers, pressure relief/reducing valves, flow controls, steering units and flow dividers.