



HYDRAULITECHS



TEST RIG



**POWER UP
YOUR HYDRAULIC OPERATION**



HTR IMAGE DESCRIPTION

HTR500/HTR1000

Hydraulitechs HTR Series Hydraulic Test Units come in two models:

HTR1000 – 100 HP

HTR500 - 50 HP



The HTR Series Hydraulic Test Rigs are universal, multi-functional test stands designed for testing pumps, motors, cylinders, valves, and other hydraulic components across all makes and models. They provide accurate performance evaluation and peace of mind before delivering equipment to customers.





HTR TEST RIG FEATURES

HTR500-HTR1000

TEST ZONES

- 3 sections:
Pump/Motor, Cylinder, Valve

HYDRAULIC PORTS (BOTH MODELS)

- Suction Lines: 1", 1.5", 2"
- Pressure Lines: 3/4", 1"
- Return Lines: 3/4", 1", 1.5"
- Case Drain Lines: 2 Ports (up to 2gpm & up to 5gpm)

UNDER TEST PUMP/MOTOR STAND WITH SPILL OIL RECOVERY

- Heavy-duty structural test stand with integrated mounting for Pump and Motor
- Integrated collection pan beneath the test area captures leaked oil
- Pump with filtration system for clean oil recovery
- Operator-controlled option to return oil to reservoir or dispose safely

PERFORATED FLAT TEST TABLE

- Durable flat test surface designed for testing valves, accumulators, relief valves, and check valves

SUCTION & PRESSURE HOSE HANGER

- Dedicated hose hanger system to organize suction and pressure hoses during setup and operation

MONITORING & REPORTING (BOTH MODELS)

- 10" (HTR500), 12" (HTR1000), Touchscreen Display – Windows 11
- Live Graphing: Flow/ Pressure/ Case Drain/ Power in selected line
- RPM Monitoring of pump/motor under test
- Case Drain Monitoring: Flow / Temperature
- Data Logging & Reports: Printable with performance graphs

BUILT TO SUPPORT ALL HYDRAULIC MAKES AND MODELS

The HTR Series Test Units offer unmatched flexibility and performance, making them ideal for hydraulic service centers, OEMs, and industrial repair facilities.

- Fully customizable to suit specific testing needs
- Built tough for continuous, high-pressure testing
- Professional-grade data acquisition and reporting

Display-Meter Panel

Pump/Motor Test Section



Cylinder Test Section Valve Test Section

Perforated Flat Test Table



Oil Filtration System





HTR SPECIFICATIONS

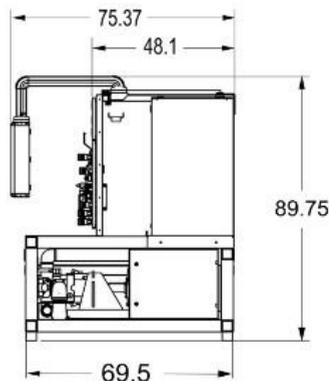
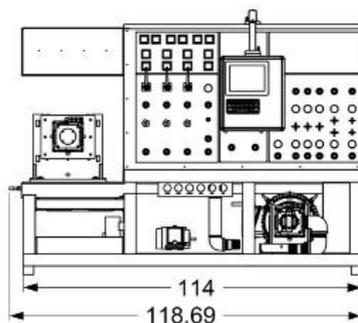
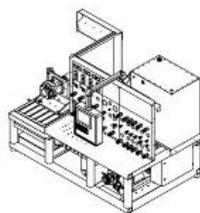
HTR500-HTR1000

Feature	HTR1000 – 100 HP Unit	HTR500 – 50 HP Unit
Auxiliary Pump	5-7 GPM, 4750 PSI	5-7 GPM, 4750 PSI
Main Electric Motor with soft starter	1725 RPM/575-450V/3PH/100 HP	1725 RPM/575-450-208V/3PH/50 HP
Main Pump	80 GPM @ 1900 PSI/5GPM @ 3500 PSI	38 GPM @ 1900 PSI/5GPM @ 3500 PSI
Pilot Motor	1725 RPM / 575- 450V / 3PH / 2 HP	1725 RPM / 575-450-208V / 3PH / 2 HP
Pilot Pump	Up to 2 GPM @ 1000 PSI	Up to 2 GPM @ 1000 PSI
Reservoir	200 Gallons	200 Gallons
Filtration	10-Micron 3-Line	10-Micron 3-Line

HTR DIMENSIONS

HTR500-HTR1000

- MACHINE HEIGHT : - 90 inches
- MACHINE WIDTH : - 120 inches
- MACHINE DEPTH : - 70 inches

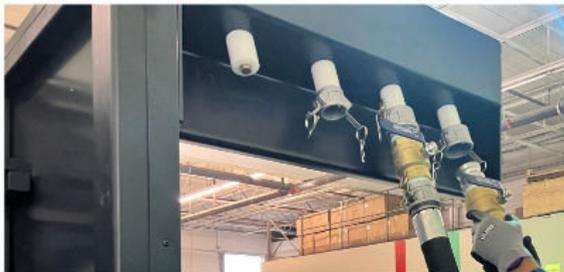




HTR TEST CAPABILITIES

HTR500-HTR1000

Under test Component	HTR1000 – 100 HP Unit	HTR500 – 50 HP Unit
Pump	Up to 3000 RPM @ 3500 PSI (100 HP)	Up to 3000 RPM @ 3500 PSI (40 HP)
Motor	Up to 3000 PSI (3500 PSI nominal)/ 2000 RPM	Up to 3000 PSI (3500 PSI nominal)/ 2000 RPM
Cylinder	Up to 5 GPM / 4500 PSI (5000 PSI nominal)	Up to 5 GPM / 4500 PSI (5000 PSI nominal)
Multi-Section Pump	3 sections simultaneously – up to 85 HP	3 sections simultaneously – up to 40 HP
Hydrostatic Drive	3 sections simultaneously – up to 85 HP	3 sections simultaneously – up to 40 HP
Valves	3 sections – Max 4500 PSI (5000 PSI nominal)	3 sections – Max 4500 PSI (5000 PSI nominal)
Relief / Check / Acc.	3 sections – Max 4500 PSI (5000 PSI nominal)	3 sections – Max 4500 PSI (5000 PSI nominal)





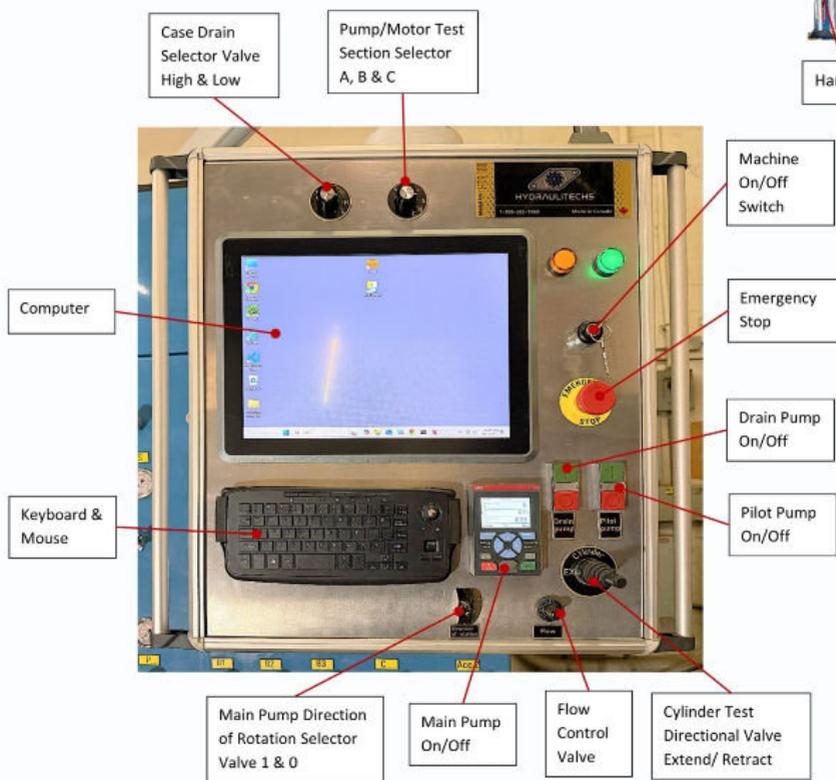
PANEL FEATURES

HTR500-HTR1000

The monitoring panel is mounted on a swiveling arm, allowing it to be moved for operator convenience.

Key features include:

- Wi-Fi connector on the top of the panel
- Two handles for easily positioning the panel in the desired location
- Data Acquisition System, which is a system that collects, monitors, and records data from sensors, gauges, and instruments during testing or operation.





HYDRAULITECHS



POWER UP YOUR
HYDRAULIC
OPERATION



6

HTR500-HTR1000



HYDRAULITECHS

contact@hydraulitechs.com



YouTube



Instagram



LinkedIn



Facebook



Website



www.hydraulitechs.com

contact@hydraulitechs.com

2215 Faithfull Ave, Saskatoon, SK S7K1T8, Canada

+1-306-683-1960