



The HTC Series of Hydraulic Test Centers offers improved features and benefits with an emphasis on safety, performance, ergonomics and sustainability.

1 Improved Filtration and Maintenance

- Effortless contamination control to ISO 20/16/13 per Cyclic Stabilization Test SAE ARP4205
- Greater equipment longevity
- Component cleanliness verified for warranty
- All filter changes are done from the floor in just two (2) locations
- Only four (4) replacement filter elements

2 Improved Sustainable Design

- Reduce testing power by 30% (using Energy Recovery Mode)
- Reduce cooling and electrical costs
- Evaporative cooling capable

3 Contamination Monitoring (Optional)

Receive real-time contamination documentation (no waiting on the lab)

4 Sloped Oil Path in Work Table

Save time with the ability to drain the work table for cleaning

5 Consistent Global Performance

- Same machine performance regardless of utility frequency
- No de-rating the test stand in 50Hz countries

6 Dynamometer Mode

Allows testing of a motor as a motor (not a pump)

7 Two (2) Controlled Flow Circuits

Simplified plumbing for split flow transmissions

8 Positive Displacement Work Table Pump

Predictable and reliable work table scavenging

9 DynPro₂ Data Acquisition and Control System

- Collect setup and testing information from one location
- Automated testing with pass/fail criteria
- (4) PWM outputs (2) Solenoid outputs for component control

16 Support Services

Taylor Dynamometer customers receive unlimited phone and email support

15 Component Cooling Loop Capacity

Allows testing of larger closed loop pumps

14 Increased Supply Oil Capacity

De-rating of transmission tests are not required

13 Improved Serviceability

- Simplified reservoir removal
- Improved accessibility to pumps
- Swing-out hydraulic panel
- O-ring and gasketed connections on most plumbing connections help to prevent leaks

12 Driveline Improvements

- Test larger transmissions and pumps with increased torque option on HTC-500 series
- A 40% increase in torque capacity over competitor's offering (HTC-500 series)
- Driveline can be moved without power unit on
- Safer support for driveline with lead screws
- Standard driveline height 77" (1.96 m)
- Test tall transmission and drop box assemblies

11 Flow Loop 240 gpm (908 lpm)

Allows testing of mining applications

10 Operator Safety and Ergonomics

- DynPro₂ removes the operator from the testing environment
- Functional decking and steps (optional)
- Built-in air tool supplies



HTC-400 Complete Bench shown here (product may vary)

