State of the Art Transmission Testing including J1939 Shift Selector and Data Acquisition System

TS200 with Output Load Unit Shown

With up to a 300HP electric motor power these test stands have the power to test a wide variety of transmissions, torque converters and other flywheel or remote mounted products. The test stand is equipped with an SAE 00 (wet or dry) flywheel housing. Flywheels and adapters are available to mate most SAE standard flywheel and flywheel housing configurations. Close coupled and remote mount configurations are easily accommodated by the flexible mounting arrangement and available transmission mounting brackets and stands. Driveshafts and adapters are available for testing remote mount configurations. Our engineering staff can design custom adapters for nearly any application.

Two separate fluid reservoirs with thermostatically controlled immersion heaters enables preheating of fluid to normal operating temperature for testing. An integrated air to oil cooler is standard with automatic fluid temperature regulation. Pumps and valves are provided for filling and draining operating oil. Oil filtration is provided for the transmission lube system and for filtering oil to and from the reservoirs. A removable oil pan is installed under the test stand structure.

Great Lakes Power Service
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Perry, OH 44081
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Transmission Test Stands
From Great Lakes Power

Features and Benefits

Turnkey Solution

Whether your needs are to test large marine transmissions, oil field fracturing transmissions or pow­ershift transmissions; a test stand from Great Lakes Power can handle your needs. With two models available; one for deep reduction units and a standard model we have the best solution for your testing needs. An optional output shaft absorption brake enables load testing for applications that require load testing, please consult factory for additional information.

SERVICES AVAILABLE
Technical Support
Installation and Setup
Customization
Remote Support

Complete Sensor Package provided including;

Nine 0-500psig Pressure Transducers
Two Temperature Transducers
Three Turbine Flow Meters
Visual Flow Meter (Scavenge Flow)
All Sensor Harnesses
Control Panel with Color Display
Windows PC
Control Cabinet
Variable Speed Drive
Speed Control Potentiometer
E-Stop Switch
Speed Pickups
External Pressure Regulator Valve

For more information on any of our products or services please contact:

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