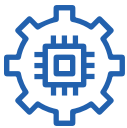


Actual products may differ
from images shown



Fully Digital Control

Provides highly accurate and
repeatable testing



Eddy Current Absorbers

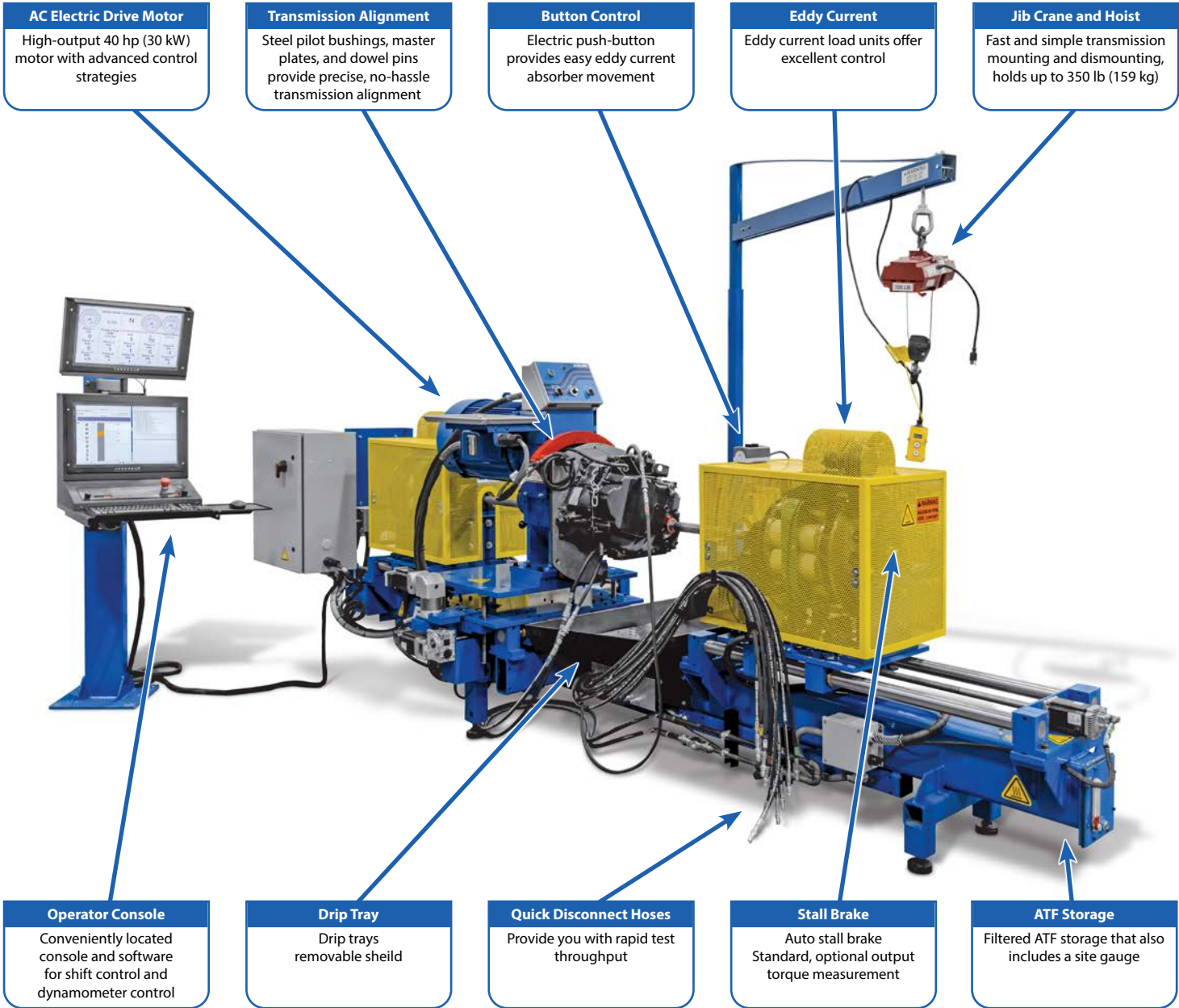
To simulate real-world
driving conditions



Save Money

Advanced control strategies
for unmatched accuracy

Features That Matter



Precision Alignment Tooling

Steel pilot bushings, master plates, and dowel pins assure that the transmission input shaft and torque converter hub will be properly aligned with the input drive motor on the dynamometer. This prevents conditions found on other dynamometers where misalignment of the transmission input causes pump failures, ruins pump bushings, and converter hubs on new rebuilds during testing.

Features

- » High-output, electric-drive, 40 hp (30 kW) motor with advanced control strategies to accurately mimic transmission inputs from internal combustion engines
- » Eddy current power absorption units for dynamic loaded testing to simulate realworld driving conditions
- » Operator Console and Software for shift control as well as dyno control
- » Jib crane & hoist for fast and simple transmission mounting and dismounting, holds up to 350 lb (159 kg)
- » Drip trays with removable shield
- » Fill & drain pumps with hoses to fill and drain filtered ATF from the 97000's self contained tank
- » Electric shuttle motors with push button operation easily position absorbers and input drive for different transmission configurations
- » Complete tooling kits with steel pilot bushings, master plates, and dowel pins for precision transmission alignment eliminating any chance of damaging pumps and pump bushings
- » Steel pilot bushings for precise, no hassle alignment
- » Quick disconnect hose fittings
- » Auto Stall Brake comes standard

Specifications:

- Power Requirements: 220/240 V 3-phase, 50-60 Hz or 460/480 V, 50-60 Hz & 110/120V Single Phase (380 V available)
- Air Requirements 0.5 in (13 mm) lines, 100 psi (689.5 kPa) minimum
- Dimensions (L x W x H): 75 x 178 x 98 in (191 x 452 x 248 cm) - includes jib crane
- Weight: 4,000 lb (1,814 kg)

Input Drive (Prime Mover)

- Type: Direct-drive AC motor
- Power: 40 hp (30 kW)
- Constant Power: 40 hp (30 kW) (1,750 to 3,600 rpm)
- Constant Torque: 120 lb-ft (163 Nm) (0 to 1,750 rpm)
- Maximum Speed: 3,600 rpm

Eddy Current Power Absorber

- Type: Air Cooled, bidirectional
- Inertia: 23.3 lb-ft² (.98 kg-m²)
- Maximum Speed: 5,500 rpm
- Peak Torque: 1,000 rpm, Cold: 495 lb-ft (671 Nm)
1,000 rpm, Hot: 227 lb-ft (308 Nm)
5,000 rpm, Cold: 385 lb-ft (522 Nm)
5,000 rpm, Hot: 129 lb-ft (175 Nm)

PowerNet AX Data Acquisition & Control System

PowerNet AX is designed to provide a comprehensive, easy to use data acquisition and control system. PowerNet AX utilizes a Windows-based computerized data acquisition system to monitor and record speeds, torque, pressures, temperatures, flow rates and shift events.

In addition to advanced monitoring and recording, PowerNet AX enables users to run an automated test procedure for electronically controlled transmissions through direct manipulation of speed, flow and output load. This not only ensures consistent repeatability of test procedures, but provides a record of performance parameters exhibited during a test.

Designed for ease of use, PowerNet AX allows for easy configuration of instrumentation, operator designated warnings for high/low limit and operator customized full-feature data reports. All reports are generated in a standardized Portable Document Format (PDF).



SuperFlow® is part of Power Test, LLC, an industry leader in the design, manufacture and sales of dynamometers, specialized test systems, and related data acquisition and control systems. Power Test, LLC, offers a portfolio of brands that have long been the standard bearer for quality in the testing industry. As your equipment testing partner for innovative products and comprehensive life-cycle services and support, we are dedicated to delivering an exceptional experience by offering specialized solutions to Make Your Testing Easy.

TEST WITH THE BEST™

Chassis Dynos

Flowbenches

DriveShaft Rebuilding Equipment

Engine Dynos

Solenoid Testers

Torque Converter Rebuilding Systems

Transmission Dynos

Valve Body Testers

Transmission Testers