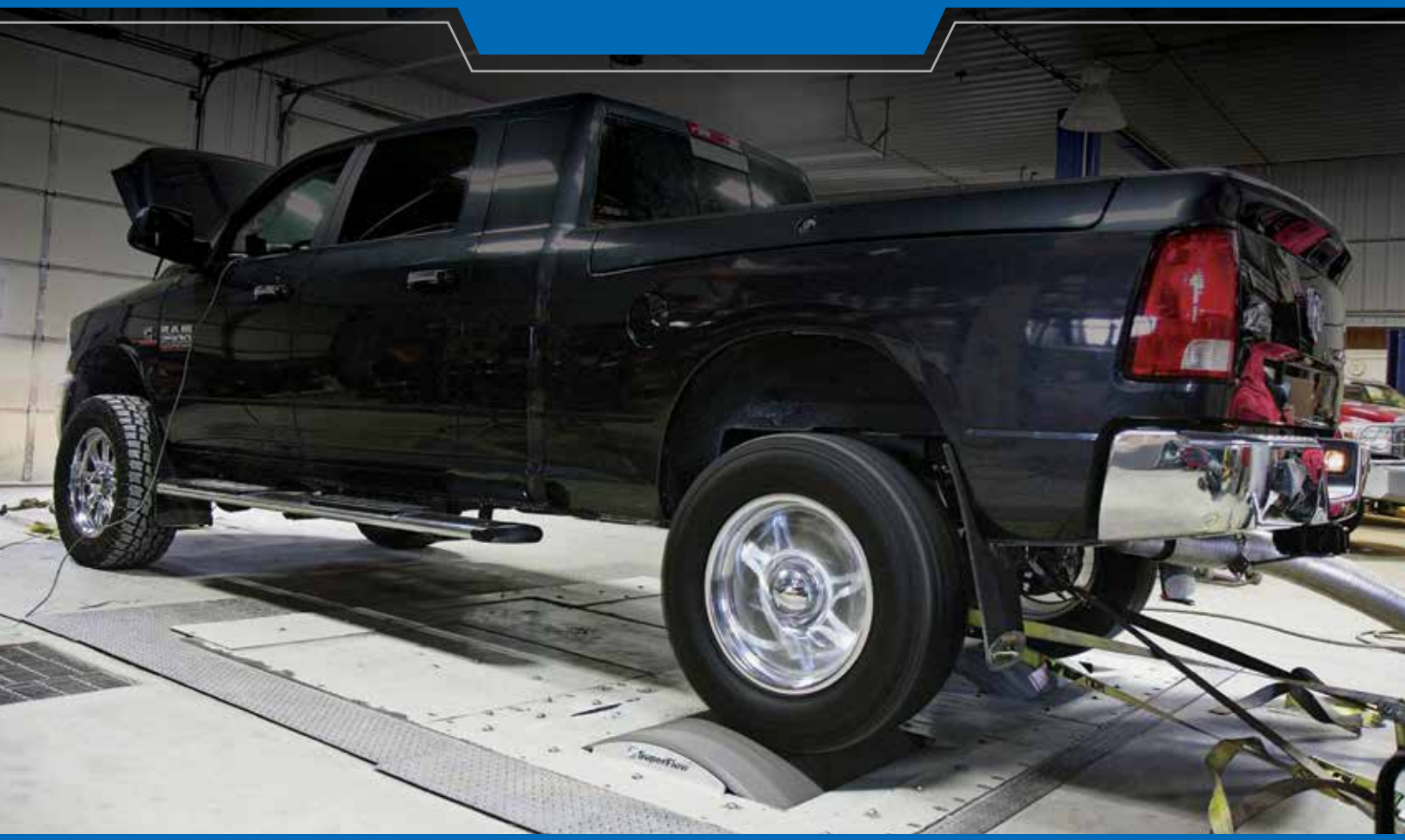
SuperFlow
DYNAMOMETERS & FLOWBENCHES
A Division of Power Test, Inc.



SF-849
PERFORMANCE CHASSIS DYNAMOMETER

The SF-849 chassis dyno is the highest capacity two-wheel drive dynamometer available because of three things: more traction, more load and more and data acquisition options. As a result, the most demanding tuners from performance diesel shops to NASCAR race teams trust the SF-849 to deliver. SuperFlow's innovative load system with two eddy current power absorbers provides more load capacity and test duration than anything available so you can test at high power levels all day long without running out of load. The large 42" diameter, precision knurled roller design provides unsurpassed traction – our performance diesel customers frequently exceed 2,500 HP with zero wheel slip.

The included WinDyn data acquisition system measures vehicle parameters in realtime via any number of available sensors or directly from the OBDII port, displays them live on screen and automatically graphs the data at the end of each test.

FEATURES

- Mechanical roller synchronization with highest linked capacity of any dynamometer, up to 200 MPH
- Coast down test to report engine power
- Two eddy current a bsorbers for unmatched load capacity and duration across the entire operating range
- Automated tests for simple operation and unequaled repeatability – tests include inertia only, controlled acceleration, steady state, step, track simulation, engine power and any user defined drive cycle
- 42 in. diameter, precision knurled rolls provide largest contact patch available and greatly reduce dangerous tire deflection and heat seen on smaller diameter rolls
- Rugged, impact resistant handheld controller
- Modular sensor box with expansion panel system to easily add sensors over the life of the dyno
- OBDII interface for data logging off the vehicles OBDII port
- Available for in-floor and above-floor installations

Product Specifications

ROLLSPEED SYNCHRONIZATION	STANDARD
ROLL DIAMETER	42”
PEAK POWER	2,500+ HP
PEAK ABSORBED POWER	1,600 HP
MAX SPEED	200 MPH
TRACK WIDTH	28” INSIDE - 96” OUTSIDE
SYSTEM INERTIA	2,550 LBS.
AXLE WEIGHT	14,000 LBS.
AIR REQUIREMENTS	50-100 PSI
POWER REQUIREMENTS	110 – 250 VAC, 15 – 8 AMP (COMPUTER) / 208 – 250 VAC, 20 AMP (DYNO)