SuperFlow DYNAMOMETERS & FLOWBENCHES

TESTINDO
Your Partner Of Testing & Measuring Innovation Technology

SF-880E AWD
CHASSIS DYNAMOMETER

The SF-880E chassis dyno was built for serious performance tuners who want unmatched quality, capacity and data acquisition features. SuperFlow's innovative mechanical roll link perfectly syncs the front and rear roll speed so no damage is done to a vehicles driveline. Two eddy current power absorbers provide unmatched load capacity for high powered vehicles and long tuning sessions.

The included WinDyn data acquisition system measures vehicle parameters in real-time 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.

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FEATURES

Mechanical roller synchronization with highest linked capacity of any AWD dynamometer, up to 200 MPH

Individual load cells measure torque at each axle

Coast down test to report engine power

Two eddy current absorbers 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

ROLL SPEED SYNCHRONIZATION	STANDARD
ROLL DIAMETER	42"
PEAK POWER	2,500+ HP
PEAK ABSORBED POWER	1,600 HP
MAX SPEED	200 MPH – WITH ROLLS SYNCHRONIZED
TRACK WIDTH	40" INSIDE – 84" OUTSIDE*
WHEELBASE	88" – 134"
SYSTEM INERTIA	3,467 LBS.
AXLE WEIGHT	14,000 LBS.
AIR REQUIREMENTS	50 -100 PSI
POWER REQUIREMENTS	110 – 250 VAC, 15 – 8 AMP (COMPUTER) / 208 – 250 VAC, 40 AMP (DYNO)

*DIFFERENT TRACK WIDTHS AVAILABLE, CONSULT SUPERFLOW FOR MORE INFORMATION