



SF-832-AWD CHASSIS DYNAMOMETER

The SF-832-AWD is an entry level all-wheel drive dyno packed with features usually only found on premium models. The 2,400 lbs. of inertia make it perfect for tuning imports and other lightweight, high-powered all-wheel drive vehicles. SuperFlow's innovative mechanical roll link perfectly syncs the front and rear roll speed so no damage is done to a vehicle's driveline. The included eddy current power absorber provide unmatched load control for advanced tests.

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.



FEATURES

- Mechanical roller synchronization with linked capacity up to 180 MPH
- Individual load cells measure torque at each axle
- Coast down test to report engine power
- Eddy current absorber for unmatched load capacity and duration across the entire operating range
- Automated tests for simple operation and unequalled repeatability – tests include inertia only, controlled acceleration, steady state, step, track simulation, engine power and any user defined drive cycle
- 30 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	30"
PEAK POWER	2,500+ HP
PEAK ABSORBED POWER	850 HP
MAX SPEED	180 MPH – WITH ROLLS SYNCHRONIZED
TRACK WIDTH	26" INSIDE – 100" OUTSIDE
WHEELBASE	92" – 130"
SYSTEM INERTIA	2,400 LBS.
AXLE WEIGHT	8,000 LBS. PER AXLE
AIR REQUIREMENTS	50 -100 PSI
POWER REQUIREMENTS	110 – 250 VAC, 15 – 8 AMP (COMPUTER) / 208 – 250 VAC, 20 AMP (DYNO)