



## MD-COMPACT

6.575" Rolls, 110 mph, 200 HP, Dynamic Loading Small Wheel Chassis Dynamometer



**THE MD-COMPACT** Dynamic Loading Eddy Current Small Wheel Dynamometer.

The MD-COMPACT is capable of measuring up to 200 HP (149 kW) at a top speed of 110 mph (175 kph). The eddy current PAU provides required loading capabilities to properly tune and simulate road load driving conditions for small wheel vehicles down to 8" (203 mm) diameter.

Mustang Dynamometer introduces the MD-COMPACT, a specially designed active eddy current loading chassis dynamometer for small wheel vehicle testing and tuning. The new dyno incorporates twin 6.575" (167 mm) rollers and a 50 HP (37 kW) eddy current power absorber with load cell to apply and measure road load simulation for proper tuning and performance evaluation of small wheel vehicles.

### Specifications

<b>Horsepower Measurement:</b>	200 HP (149 kW)
<b>Loading Device:</b>	Air-cooled eddy current power absorber
<b>Torque Measurement Device:</b>	Strain gauge type dynamic load cell. Provides closed-loop control signal for dynamic vehicle loading.
<b>Max Speed:</b>	110 mph (175 kph)
<b>Controls:</b>	Closed Loop Digital Controller with HoleShot Software. Includes Patented Virtual Road Simulation Technology (RST)
<b>Rolls/Track Width:</b>	Precision machined & dynamically balanced. Integrated lift & roll lock 6.575" (167 mm) diameter rolls 63" (1,600 mm) outer track width 8" (203 mm) minimum tire diameter
<b>Roll Decelerator:</b>	Allows vehicle deceleration without use of vehicle brakes. Eddy Current PAU used to decelerate rollers.
<b>Axle Weight</b>	6,000 lbs. (2,722 kg) maximum
<b>Air Requirements</b>	100 PSI, dry, regulated, oil free
<b>Power Requirements:</b>	115 VAC, single phase, 60 Hz, 15 Amps (computer) 230 VAC, single phase, 60 Hz, 40 Amps (dynamometer)
<b>Shipping Weight:</b>	1,000 lbs. (454 kg) dynamometer weight only

The MD-COMPACT is capable of measuring up to 200 HP (149 kW) at a top speed of 110 mph (175 kph). The eddy current PAU provides required loading capabilities to properly tune and simulate road load driving conditions for vehicles with up to 6,000 lbs. (2,722 kg) axle weights.

The MD-COMPACT's low-profile cradle roll design makes loading and unloading safe and simple. The MD-COMPACT comes complete with Mustang's powerful HoleShot Control Software. A complete data acquisition package allows you to graph RPM, AFR, temps, etc.

Complete systems include MD-COMPACT with eddy current PAU and load cell, HoleShot Software, and Jbox Data Acquisition Package.

### Options & Hardware

- Jbox Accessory Kit
- Temperature Sensors
- Pressure Sensors
- Air to Fuel Ratio Modules
- 4 or 5 Gas Analyzer
- Vmass 2.0 (CVS & flowmeter)
- Optical RPM Pick-up
- Above Ground Kit
- Above Ground Ramps
- Integrated Xmas Tree
- On-Site Training
- Touchscreen Interface
- Engine Cooling Fan
- TS1 Coil Pickup
- Opacity Meter
- OBDII Interface