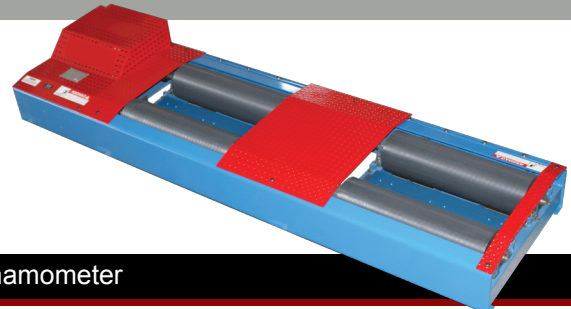




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ROADMASTER®

8.575" Rolls, 120-mph, 350-hp, 2WD Diagnostic/Repair Chassis Dynamometer



THE ROADMASTER. Diagnose driveability complaints and validate repair work right in the shop and avoid costly, and in some cases, dangerous on-road test drives.

Mustang's ROADMASTER Series offers repair shops a low-cost, simple to use, easy to install road simulator for simulating real-world driving conditions in a safe, controlled environment.

Mustang's ROADMASTER dynamometer, is a low-profile road simulator with industry proven design features that parallel those features found in smog dynamometers. These features include 8.5-inch rollers, heavy duty spherical pillow-block ball bearings, welded structural steel frame and an industry standard air-cooled eddy current power absorption unit (PAU) for road-load simulation. The standard ROADMASTER also features drop-in vehicle restraints, an easy to use operator interface panel with stand, installation hardware and a maintenance-friendly mechanical roller-lock.

Specifications

Horsepower:	350 hp peak measurement capacity 100 hp peak absorption single PAU
Loading Device:	Air-cooled eddy current power absorber
Inertia:	600 lbs. base mechanical inertia
Max Speed:	120 mph
Controls:	Closed Loop Digital Controller with WindowsXP based PowerDyne Software. Includes Patented Virtual Road Simulation Technology.
Rolls/Wheelbase:	Precision machined & dynamically balanced Front roll set may be grooved horizontally 8.575" (218mm) diameter balanced rolls 35" (889mm) face length 30" (762mm) inner track width (Exceeds EPA/BAR Stds) 100" (2,540mm) outer track width 17.1" (434mm) roll spacing
Roll Lock:	Between roll lift with integrated roll lock
Roll Decelerator:	Allows vehicle deceleration without use of vehicle brakes. Eddy Current PAU used to decelerate rollers.
Air Requirements:	100 PSI, dry, regulated, oil free
Power Requirements:	115 VAC, single phase, 60 Hz, 15 Amps (computer) 230 VAC, single phase, 60 Hz, 40 Amps (dynamometer)
Axle Weight:	6,000 lbs. maximum
Shipping Weight:	3,000 lbs. (dynamometer weight only)

The ROADMASTER can be installed in your shop in 2 different ways - in a pit or aboveground with ramps. In-ground installation is the standard installation configuration. In-ground installations provide for a clean, space friendly installation, but require construction and are typically only recommended for shops that own their own facility, or are long-term tenants. Aboveground installation kits are available for shops that do not wish to install the RG-3000 in the floor for various reasons. The aboveground installation is typically easier, less expensive, and provides for a quicker, easier installation process. In addition, an optional portability kit is available which allows for limited movement to the RG-3000 out of the way when not in use.

Options & Hardware

- SmartTach Engine RPM
- Temperature Sensors
- Pressure Sensors
- Weather Station
- Air to Fuel Ratio Modules
- 5 Gas Analyzer
- Optical RPM Pick-up
- DE Upgrade
- Above Ground Kit
- Opacity Meter
- Above Ground Ramps
- Vehicle Pull Down Kit
- Integrated Xmas Tree
- Motorcycle Kit
- OBD Interface
- On-Site Training
- Touchscreen Interface
- Vehicle Cooling Fan
- TS1 Coil Pickup