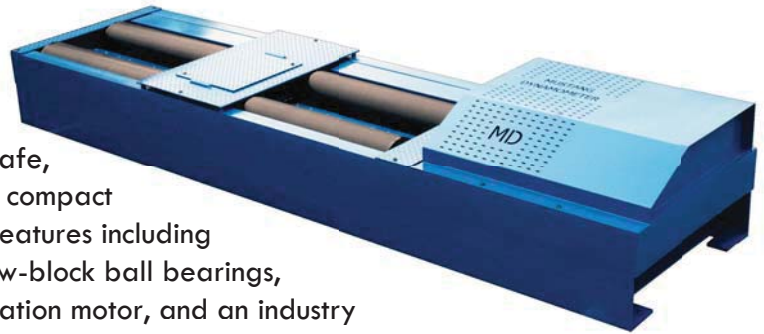


## 2 Wheel Drive HD ASM Centralized Chassis Dynamometer

Mustang has developed a low-cost, simple to use, easy-to-install heavy duty chassis dynamometer that can be used to simulate real-world driving conditions in a safe, controlled environment. The MD-250-M is a compact dynamometer with industry proven design features including 10.7-inch rollers, heavy duty spherical pillow-block ball bearings, welded structural steel frame, 7.5 hp calibration motor, and an industry standard air-cooled, Eddy Current Power Absorption Unit (PAU) for road-load simulation.



The MD-250-M is available in both right and left hand configurations to accommodate different facility designs.



### MD-250-M 2WD HD Chassis Dynamometer

|                            |  |
|----------------------------|--|
| <i>Horsepower:</i>         | 800 hp peak absorption   |
| <i>Loading:</i>            | Air cooled eddy current power absorber (Model MDK - 250)   |
| <i>Rolls:</i>              | Precision machined & dynamically balanced<br>Belted for bi-directional capability<br>10.7" (272mm) diameter balanced rolls<br>40" (1,016mm) face length<br>28" (711mm) inner track width<br>108" (2,743mm) outer track width<br>19.6" (498mm) roll spacing |
| <i>Maximum Speed:</i>      | 100 mph  |
| <i>Frame:</i>              | Heavy-duty structural steel frame<br>Height: 18"   |
| <i>Lift:</i>               | Between roll lift with integrated roll lock  |
| <i>Air Requirements:</i>   | 80-100 PSI, dry, regulated, oil free   |
| <i>Power Requirements:</i> | 115 VAC single phase, 50/60 Hz, 15 Amps (computer)<br>230 VAC single phase, 50/60 Hz, 40 Amps (dynamometer)<br>230 VAC three phase, 50/60 Hz, 20 Amps (motor drive)  |
| <i>Axle Weight:</i>        | 28,660 lbs. (13,000kg) maximum   |
| <i>Shipping Weight:</i>    | 4,500 lbs.   |
| <i>Motor:</i>              | 7.5 hp calibration motor   |