



The standard for auto shop dynamometers, the Mustang MD-100 Dynamometer offers testing capabilities to handle virtually every car or light truck on the road.



With a maximum load absorption of up to 268-hp, the MD-100 dynamometer is designed to handle a broad range of automotive tests for your customers. You can run an entire battery of vehicle tests including road simulation without ever leaving the shop.

Dynamic vehicle loading is made possible through the air-cooled eddy current power absorption unit (PAU). This process enables you to test at constant speeds or torques, as well as measure acceleration, passing and a wide range of other vehicle simulations. With precision machined and balanced rollers, you can reach speeds of up to 125 mph on your shop floor.

The MD-100 is constructed with a heavy-duty structural steel frame and includes a heavy-duty restraint kit. The microcomputer control system provides sophisticated data acquisition and display capabilities. An infrared remote hand control provides complete control of testing operations from the driver's seat.



The MD-100 is shipped completely assembled and requires only single phase electric power and standard air pressure for operation.

MD-100

CHASSIS DYNAMOMETER

<i>Horsepower:</i>	<i>450-hp maximum measurement capability 268-hp maximum absorption</i>
<i>Loading:</i>	<i>Air cooled eddy current power absorber (model MDK-70)</i>
<i>Inertia:</i>	<i>2,000 lbs base mechanical inertia</i>
<i>Maximum Speed:</i>	<i>125 mph intermittent 100 mph continuous</i>
<i>Axle Weight:</i>	<i>6,000 lbs (2,727 kg) maximum</i>
<i>Controls:</i>	<i>Pentium-based PC control system MD-7000 Control Platform</i>
<i>Hand Control:</i>	<i>Infrared, for remote operation</i>
<i>Rolls:</i>	<i>Precision machined & dynamically balanced Belted for bi-directional capability 8.575" (218 mm) diameter balanced rolls 35" (889 mm) face length 30" (762 mm) inner track width 100" (2,540 mm) outer track width 17.1" (434 mm) roll spacing</i>
<i>Frame:</i>	<i>Heavy-duty structural steel frame Heavy-duty restraint kit included</i>
<i>Lift:</i>	<i>Between roll lift with integrated roll lock</i>
<i>Air Requirements:</i>	<i>80-100 PSI, dry, regulated, oil free</i>
<i>Power Requirements:</i>	<i>115 VAC single phase, 60 Hz, 15 Amps (computer) 230 VAC single phase, 60 Hz, 30 Amps (dyno controls)</i>
<i>Shipping Weight:</i>	<i>3,250 lbs (1,474 kg) (dynamometer only)</i>
<i>Options:</i>	<ul style="list-style-type: none"> • Advanced Data Acquisition • Engine RPM Module • Manifold Pressure Sensors • Lambda Meter • 5 Gas Analyzer • Color Printer • Above-Ground Ramps • Cooling Fan • EGT Sensor • Boost Pressure Sensor • Weather Station • Opacity Meter • 5-hp Warm-Up Motor • 50 Hz System



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• Specifications subject to change without notice
• Maximum power rating based on proper tire to roll contact and correctly restrained vehicle



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