

# Dynamometers Testing

## Dynamometers

- Up to 1300 hp. motoring
- Absorbing capabilities to 2400 hp.
- Torques to 200,000 lb.-ft, speeds up to 12,000 RPM

## Heavy Duty Chassis Dynamometers

- Drawbar to 25,000 lbf @ 25 mph
- Single axle span to 15 feet
- Motoring and absorbing capability
- One high speed chassis dynamometer (Speeds to 120 mph, Absorption only)

## Inertia Simulation

- Variable Inertia Flywheels

## Engine Driven Tests

## Component Testing:

- Durability, performance, development, & efficiency studies
  - Axles
  - Bearings
  - Brake System Simulations
  - Clutches
  - Electric Motors
  - Gearboxes
  - Torque Converters
  - Transaxles
  - Transfer Cases
  - Transmissions
  - Universal Joints