



CM-51-EC / Chassis Dynamometer



Image shown is for display only,
actual CM-51-EC may vary.

CM-51-EC Eddy Current Chassis Dynamometer

Specifications

Weight Capacity:	25,000 lb (11,340 kg) per axle
Roll Brakes:	pneumatically-actuated disc
Shipping Weight:	8,340 lb (3,783 kg)
Capacity:	622 hp at 45 mph (464 kW at 72 kph)
Rolls:	20 by 36 in. (508 by 915 mm) long 4 front fixed rolls, 2 rear rolls fixed to accommodate axle spreads from 48 to 60 in. (1,219 to 1,524 mm) tandem centers
Pit Required Depth:	25 in. (635 mm)

Recommended Accessories

- Calibration Weight Kit
- Rear Wheel Stone Guard
- Exhaust Hood
- Horizontal Exhaust System
- Guard Rail
- Wheel Chocks
- Workstation or Work Table

Everything you need to succeed

Optional Accessories



Wheel Chocks



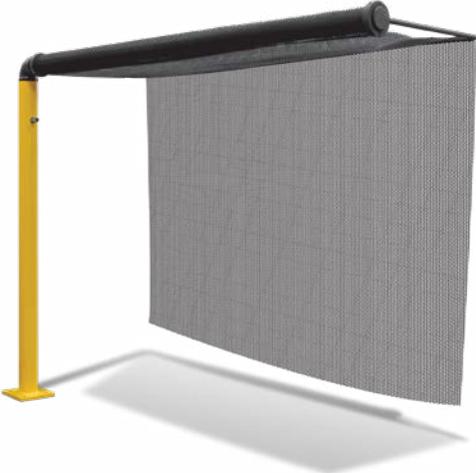
M-Tach and O-Tach



Optional Calibration Weights



Work Table



Rear Wheel Stone Guard

Various Facility Support Systems and Services Available



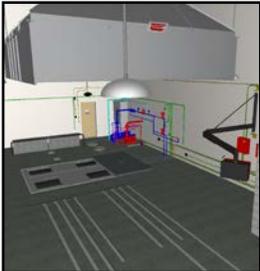
DynPro₂ Data Acquisition & Control System



Exhaust Hood



Water Recirculation

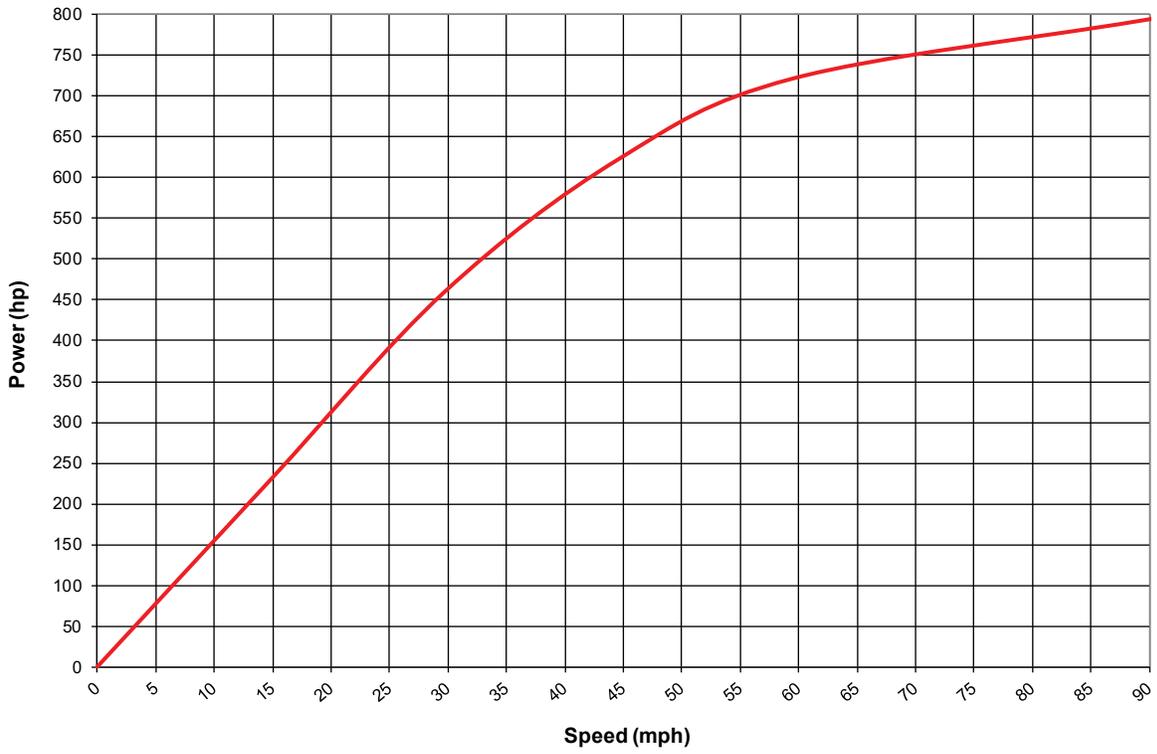


Design Services

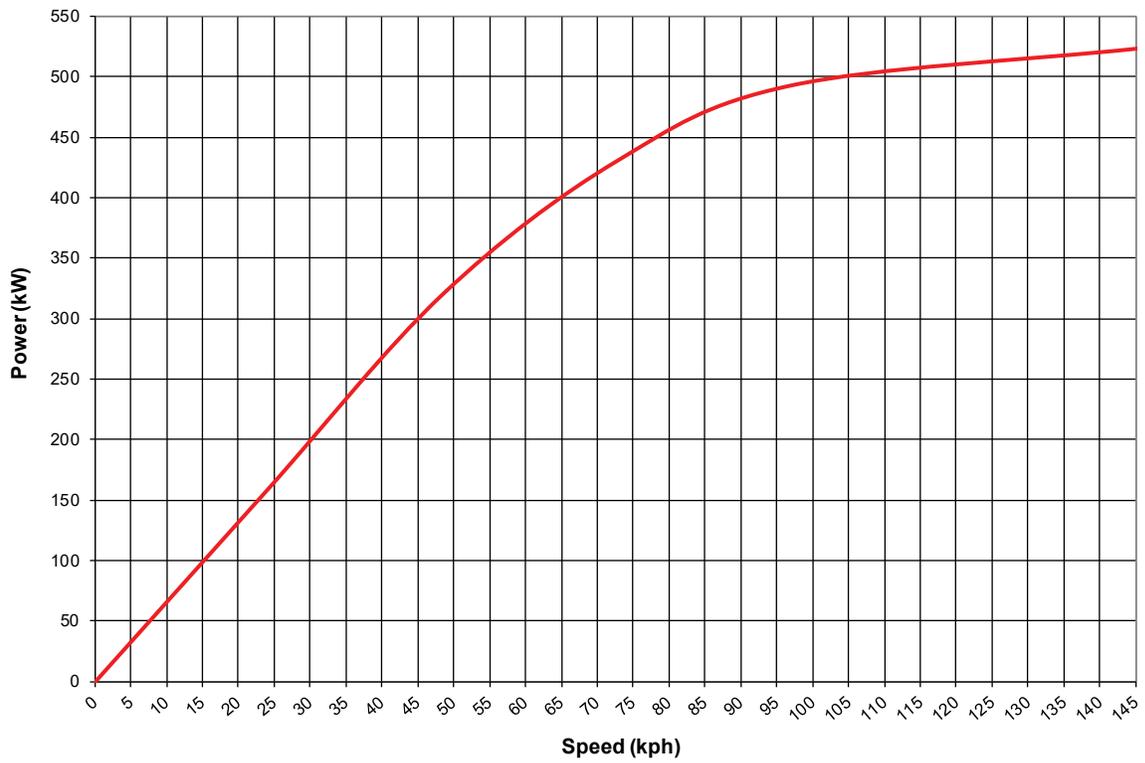


Commissioning, Start-up & Training

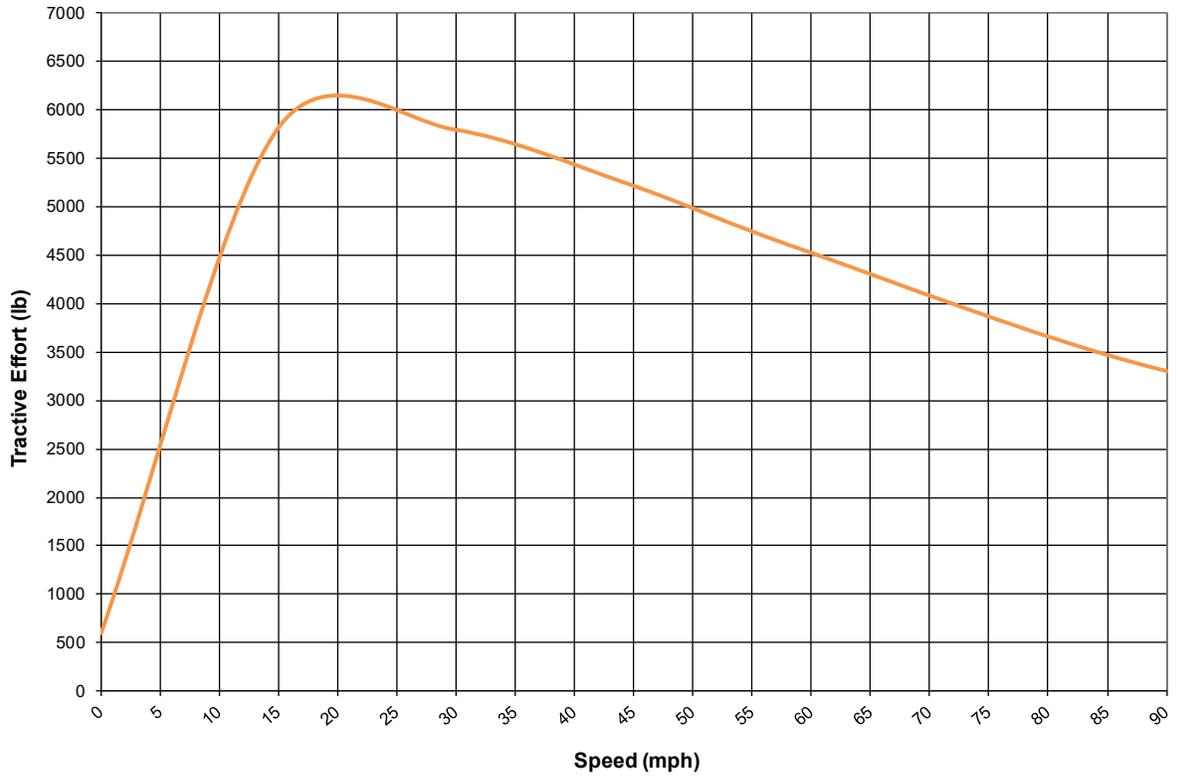
CM-51-EC (US Customary)



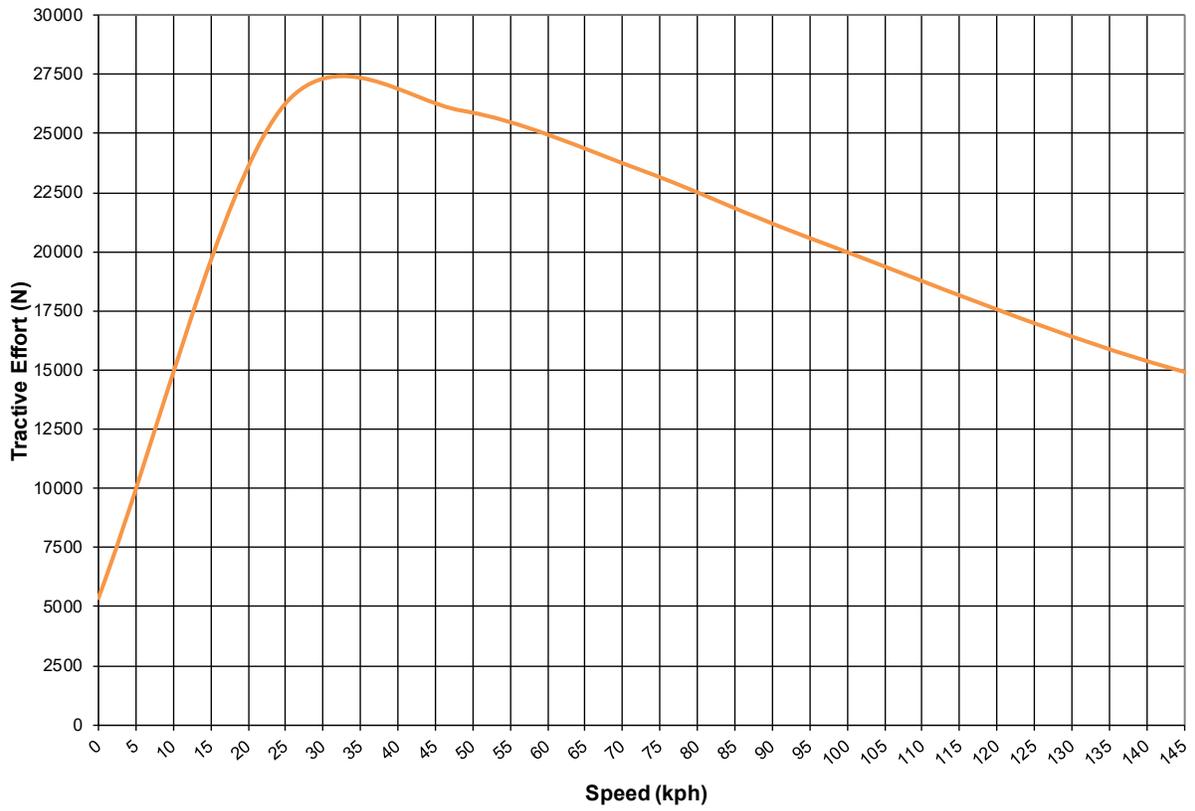
CM-51-EC (S.I.)

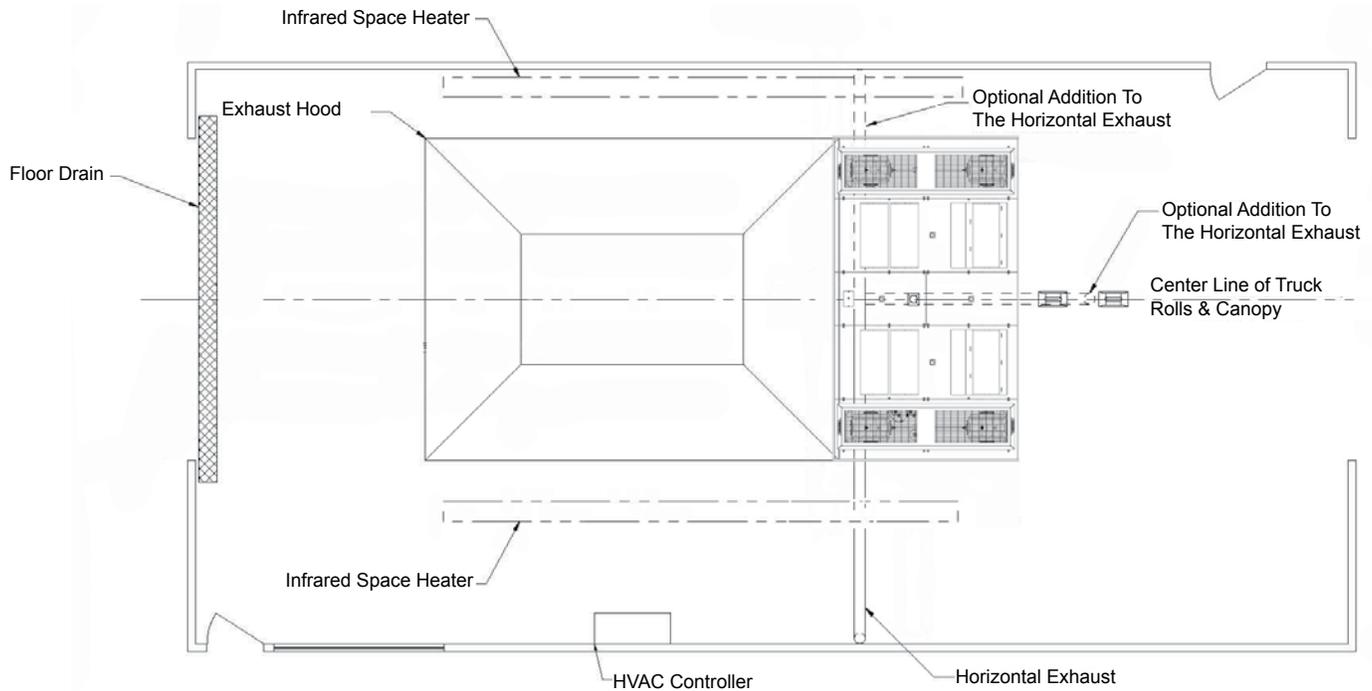


CM-51-EC (US Customary)



CM-51-EC (S.I.)





Specifications

Weight Capacity:	25,000 lb (11,340 kg) per axle
Roll Brakes:	pneumatically-actuated disc
Shipping Weight:	8,340 lb (3,783 kg)
Capacity:	622 hp at 45 mph (464 kW at 72 kph)
Rolls:	20 by 36 in. (508 by 915 mm) long 4 front fixed rolls, 2 rear rolls fixed to accommodate axle spreads from 48 to 60 in. (1,219 to 1,524 mm) tandem centers
Pit Required Depth:	25 in. (635 mm)

Drawing Notes

- AC power, air and water required at one side wall as applicable.
- Room length, and pit location within length, must be determined by user to fit maximum truck length and rear overhang.
- Provide at least one man door for fire escape near rear of room, but not in rear wall because someone entering during a test could be struck by a stone flung from a tire. Provide ample fire extinguishers at each door and near driver.
- "Back-on Drive-off" installation configuration preferred.

Everything you need to succeed

