



CM-51S / Chassis Dynamometer

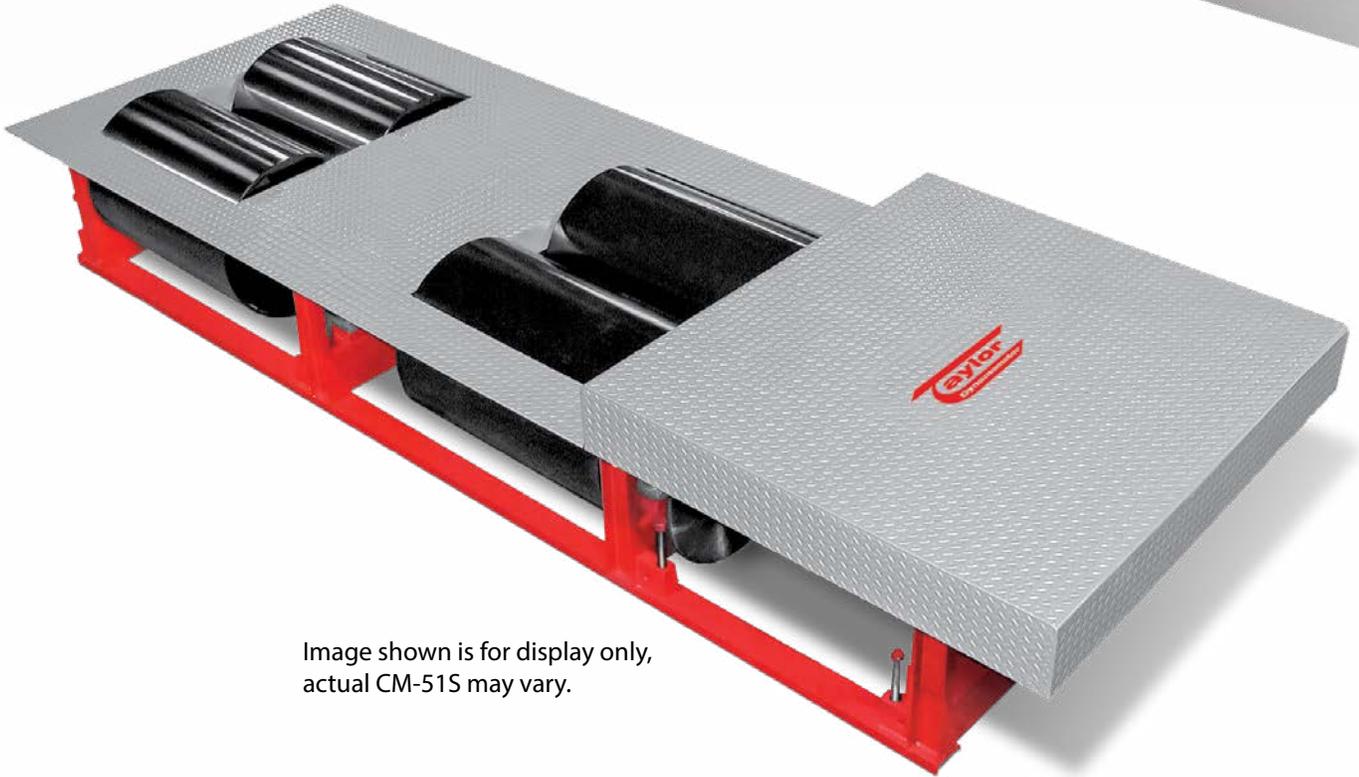


Image shown is for display only,
actual CM-51S may vary.

CM-51S Water Brake Chassis Dynamometer

Specifications

Weight Capacity:	25,000 lb (11,340 kg) per axle
Roll Brakes:	Pneumatically-actuated disc
Shipping Weight:	5,100 lb (2,312 kg)
Capacity:	550 hp at 80 mph (410 kW at 129 kph)
Roll Length:	20 by 36 in. (508 by 915 mm)
	4 front fixed rolls
Pit Required Depth:	27 in. (686 mm)

Recommended Accessories

- Calibration Weights
- Stone Guard
- Exhaust Canopy
- Horizontal Exhaust System
- Water Recirculating System
- Guard Rail
- Wheel Chocks
- DynPro₂ Data Acquisition & Control System

Everything you need to succeed

Optional Accessories



Wheel Chocks



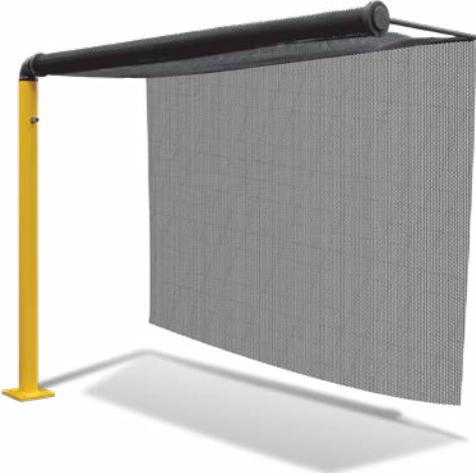
M-Tach and O-Tach



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

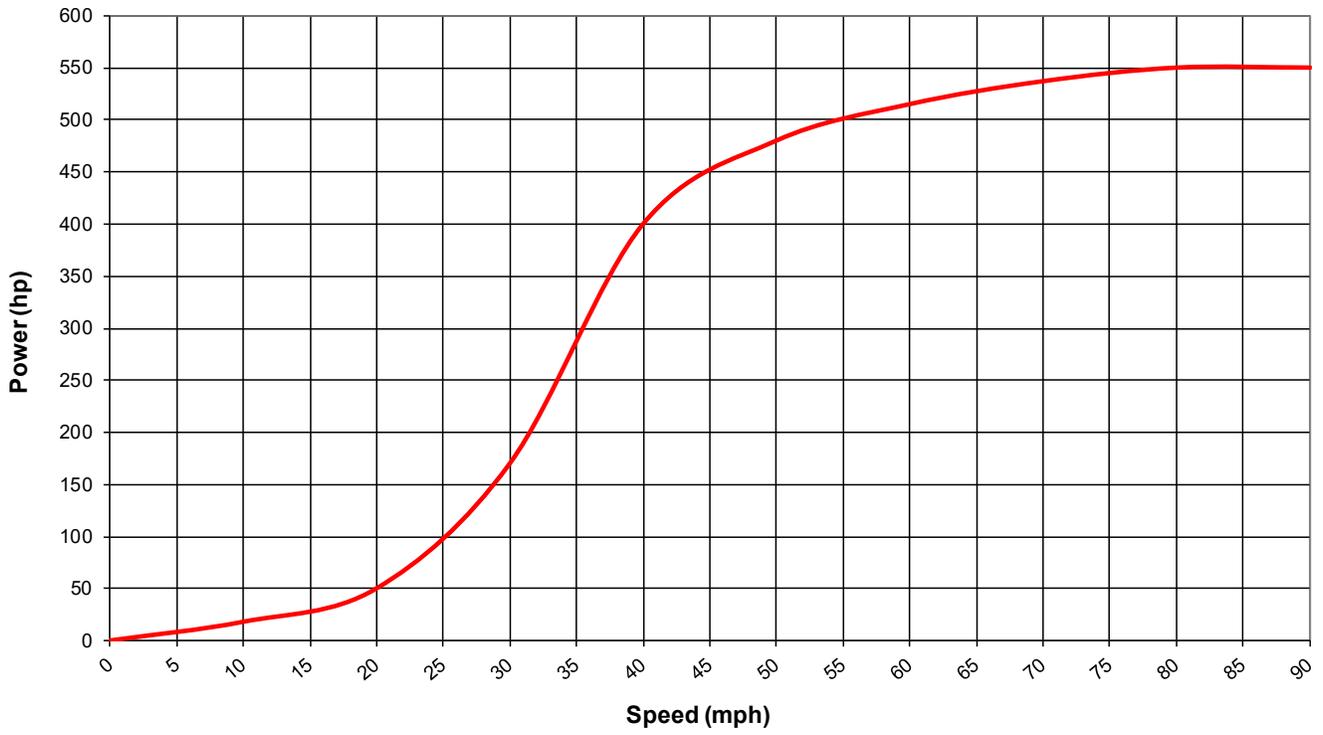


Design Services

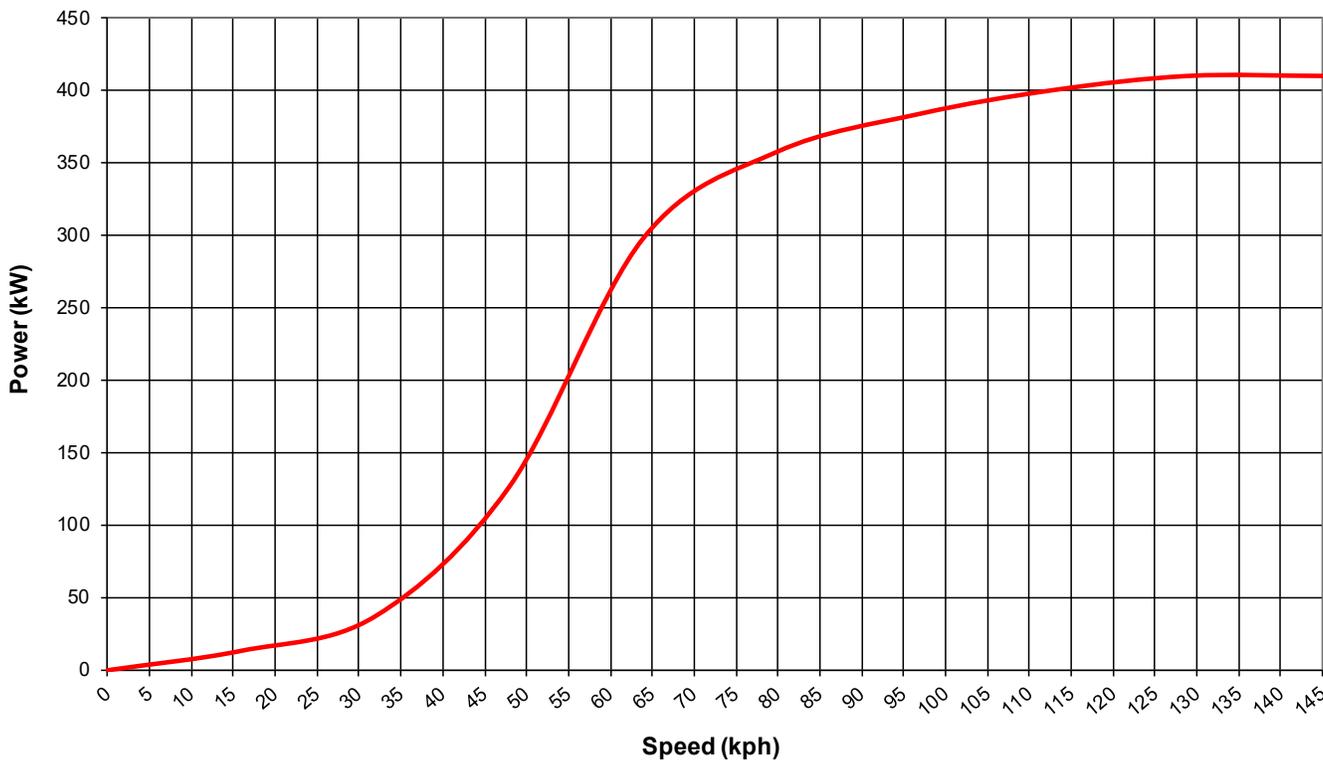


Commissioning, Start-up & Training

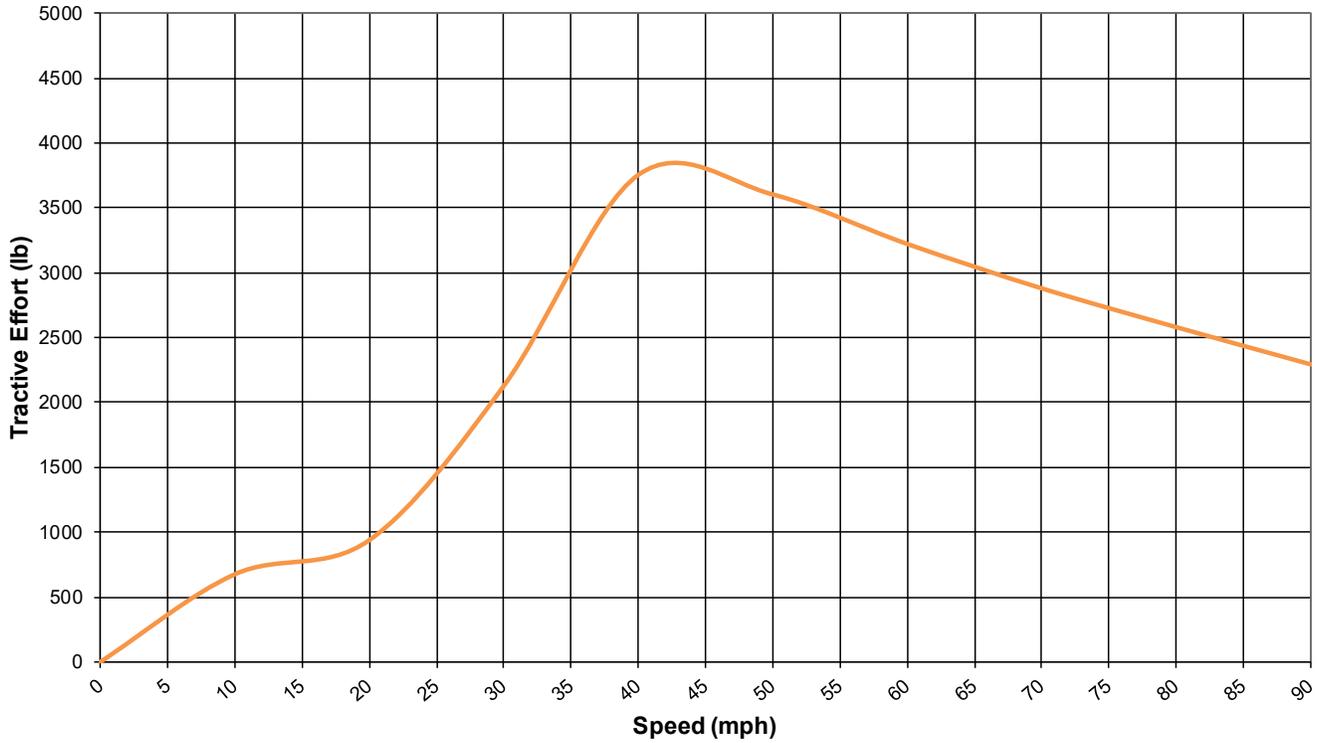
CM-51S (US Customary)



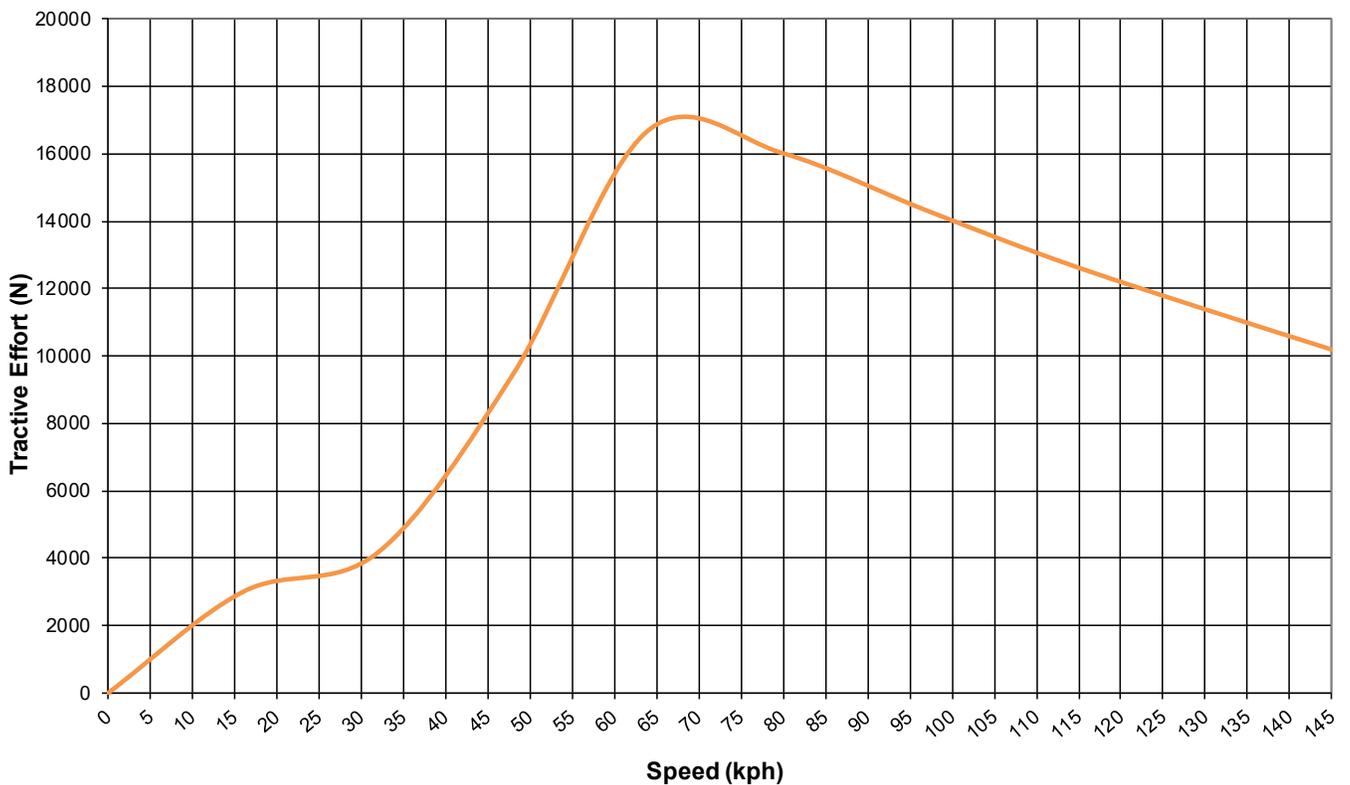
CM-51S (S.I.)

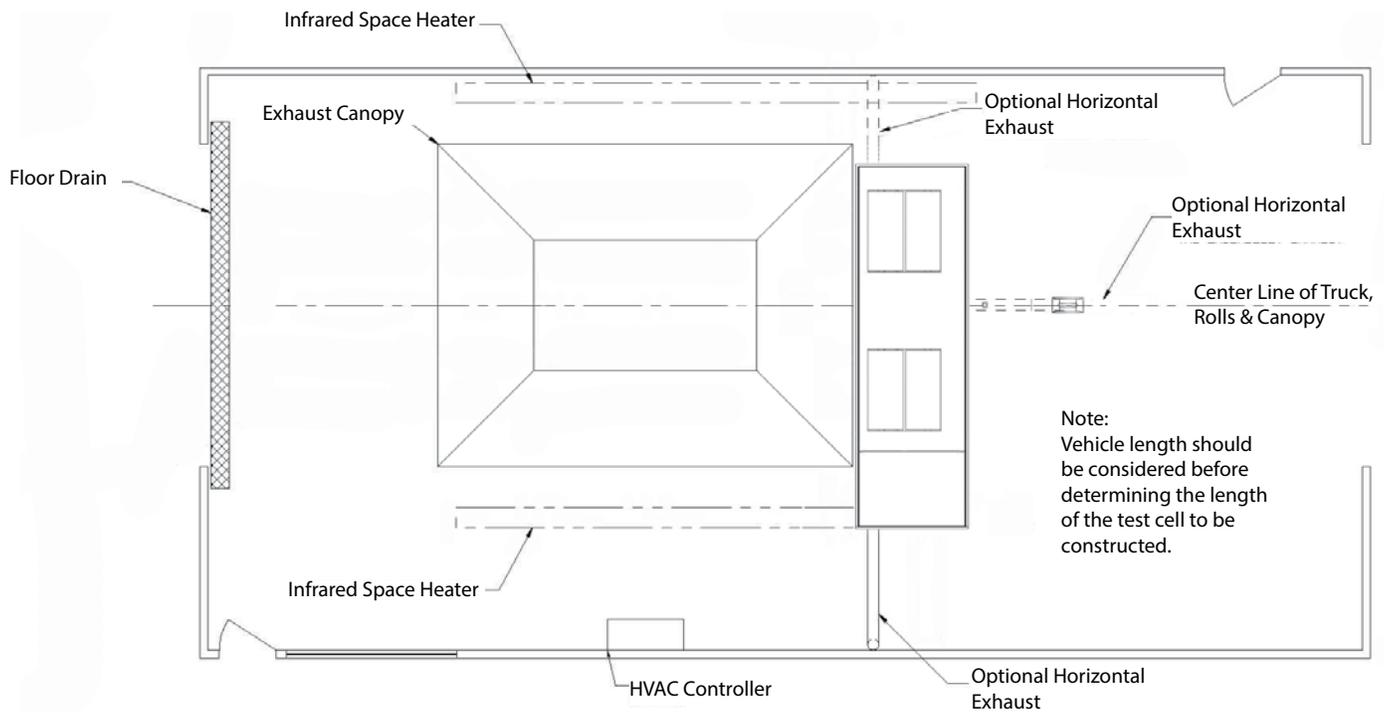


CM-51S (US Customary)



CM-51S (S.I.)





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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

