



## RS-60K / Towing Dynamometer



### RS-60K Towing Dynamometer

Taylor Dynamometer's RS-60K towing dynamometer is designed for testing Class B trucks and is the most full-featured, reliable and accurate towing dynamometer in the industry. The RS-60K is built with a heavy-duty steel frame, heavy-duty industrial axles and rides on an air ride suspension. The RS-60K is designed to maintain 60,000 Newtons of constant drawbar pull and the ability to simulate an uphill slope of 25%. The towing dynamometer uses absorbers with special high temperature coils powered by an industrial generator so there are no lead-acid batteries to charge and testing is unlimited at low speeds.

### DynCntrl-II Software

Taylor Dynamometer's DynCntrl-II Instrumentation system includes a ruggedized, Wi-Fi, touchscreen tablet PC. The easy to use, intuitive DynCntrl-II software not only makes testing simple, but also fully controls the dynamometer wirelessly and displays multiple channels of real time data. Our hill simulation features exceed far beyond typical load testing by allowing the engineer to create and store automated hill simulations.

### Hill Simulation Features

- Simulate slope
- Compensate for actual slope
- Simulate trailer weight and aero
- Compensate for vehicle weight
- Reference slope input
- Import/export Excel® file
- Save, name and file hill profile
- Auto record data
- Integrated heads up/drivers trace display



Wireless, touchscreen controller

**Everything you need to succeed**



## RSL-60K Specifications

- Ruggedized, WiFi, touch screen tablet PC controller with integrated heads-up display
- DynCntrl-II Software
- Wireless or CAT5 communication
- Heavy-duty frame construction
- Heavy-duty, industrial diesel generator (with remote start)
- NEMA enclosure for electronics
- Absorbers with high temperature coils
- Air ride suspension with onboard air compressor
- Largest drawbar shaft in the industry
- Surge brakes and ABS
- Tire size: 22.5 or 24.5 dually or super singles available
- Max drawbar pull: 60,000 Newtons (13,488 lb)
- Weight Dry: 8,618 kg (19,000 lb)
- Length: 823 cm (324 in.)
- Width: 243.8 cm (96 in.)
- Height: 165.1 cm (65 in.)

## Options

- Calibration stand
- Storage cabinet
- Ballast tank
- LED amber warning beacon
- CE Certification

### Notes:

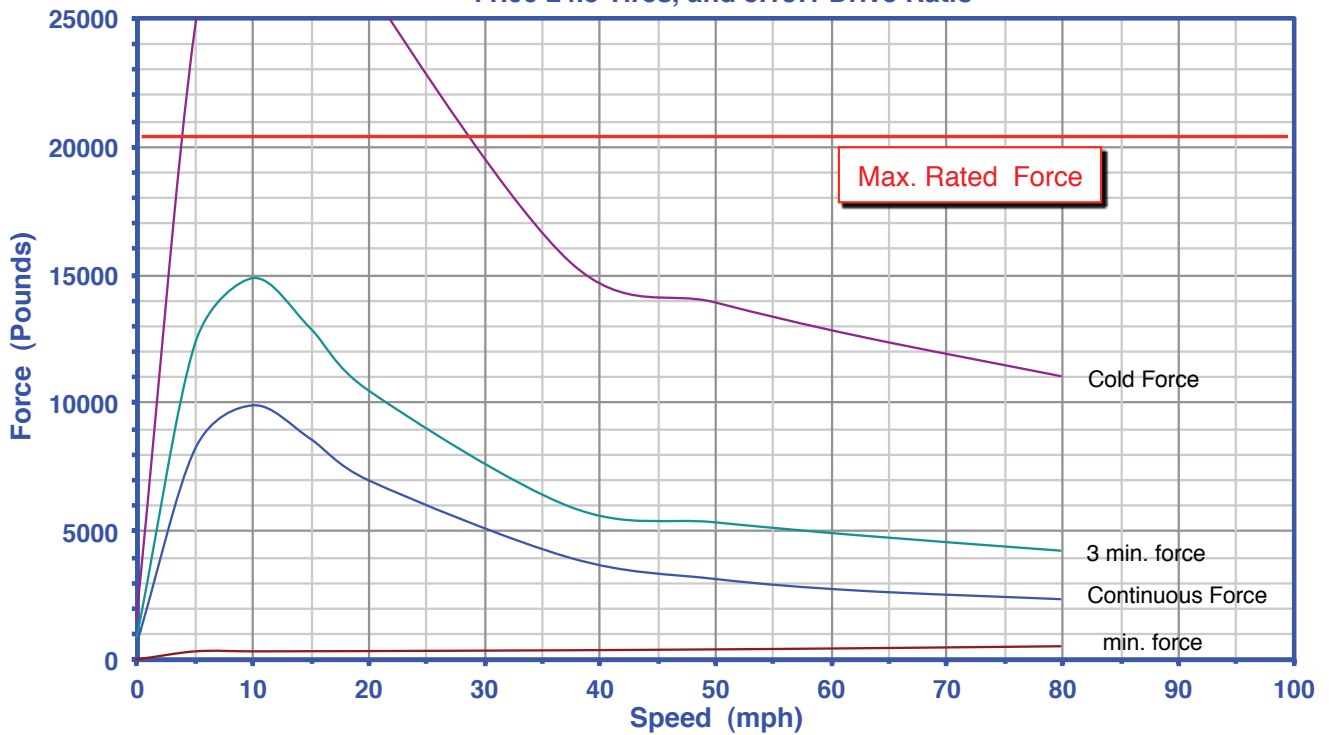
Specifications are subject to change without notice to improve the product without sacrificing quality or performance.

Taylor's RS and RSL series towing dynamometers are intended to be used on a test track. While Taylor stands behind the road worthiness of the trailers, the specialized control features and handling interactions between the towing dynamometer and test vehicle result in our recommendation to use them within controlled test facilities. Obtaining regulatory approvals for road licensing is the responsibility of the end user.

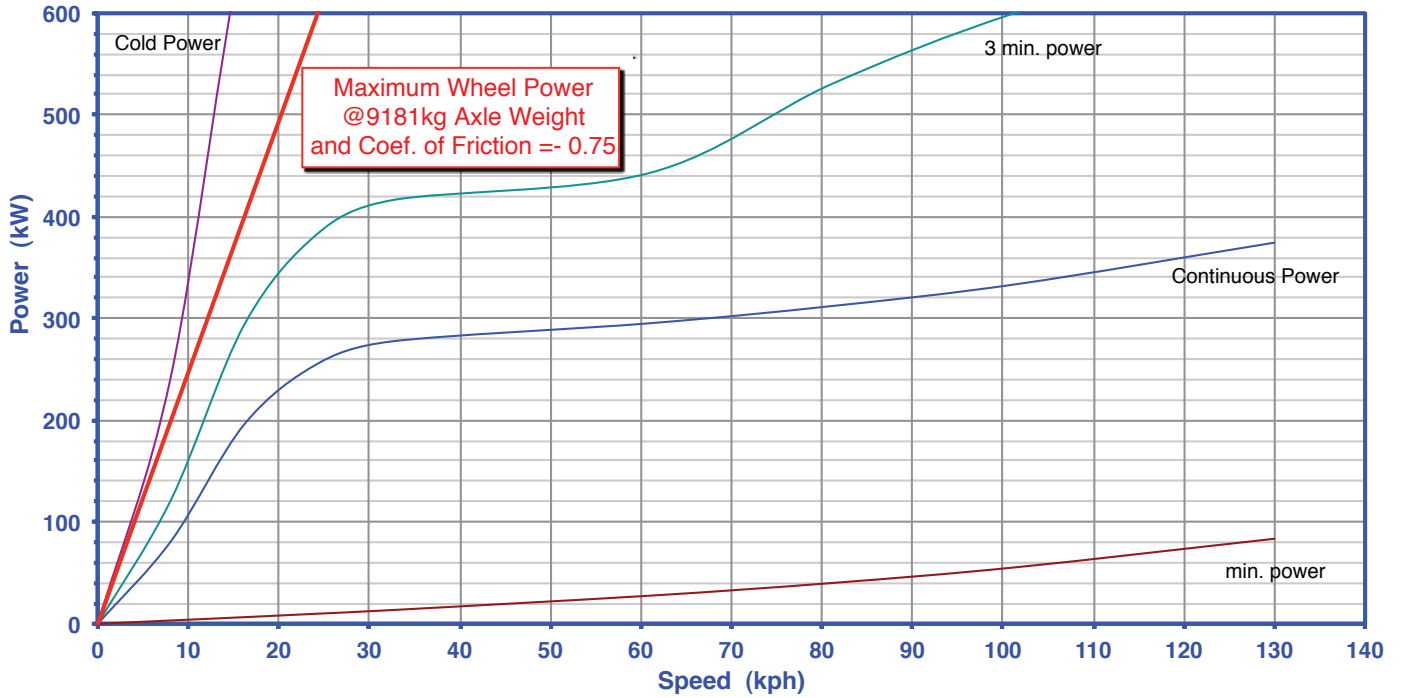
**RS-60K Power Absorption**  
 11.00 24.5 Tires, and 5.13 :1 Drive Ratio



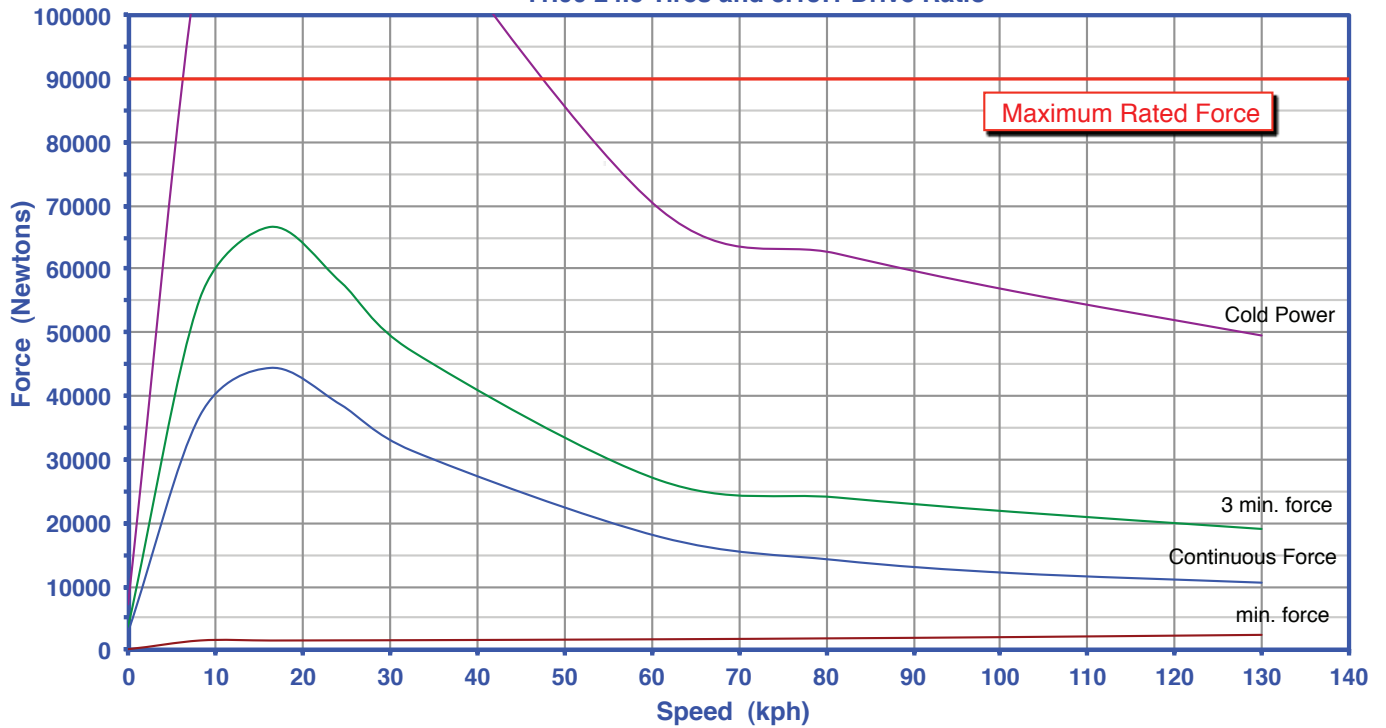
**RS-60K Drawbar Pull**  
 11.00 24.5 Tires, and 5.13 :1 Drive Ratio



**RS-60K Power Absorption**  
**11.00 24.5 Tires and 5.13:1 Drive Ratio**



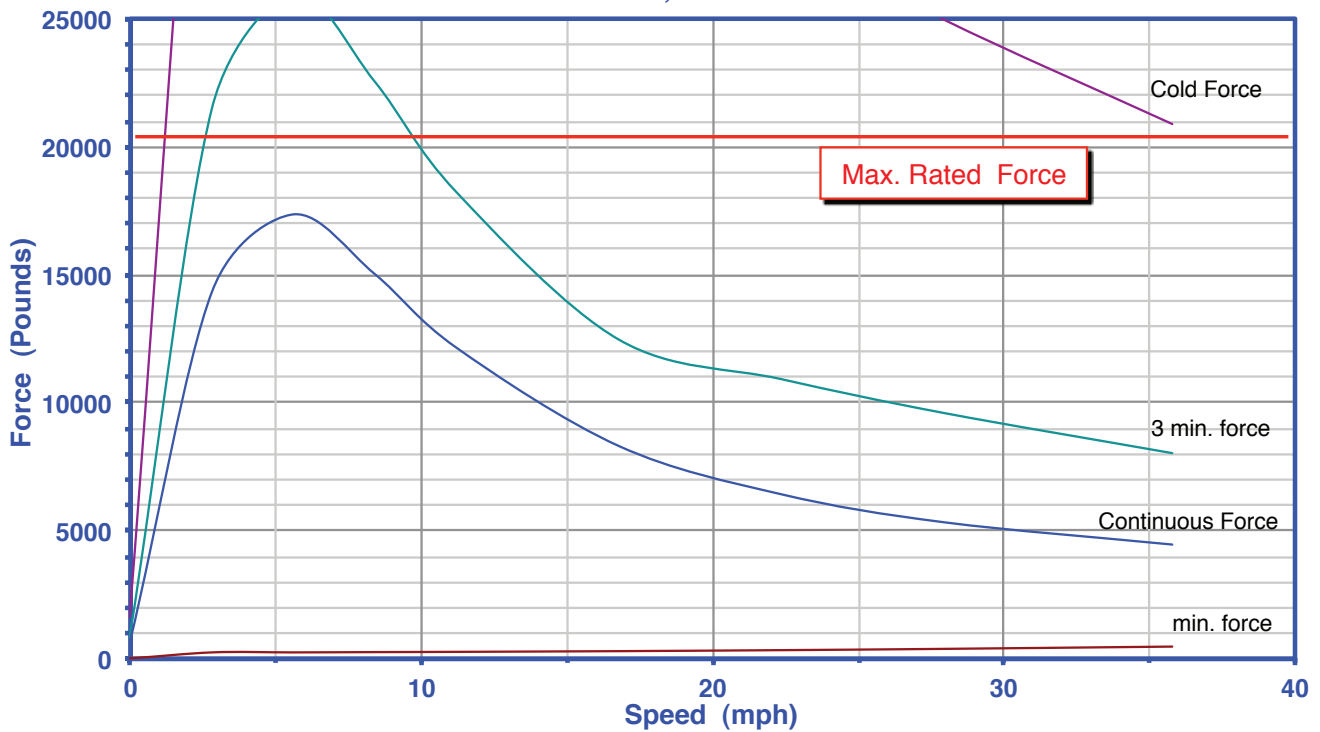
**RS-60K Drawbar Force**  
**11.00 24.5 Tires and 5.13:1 Drive Ratio**



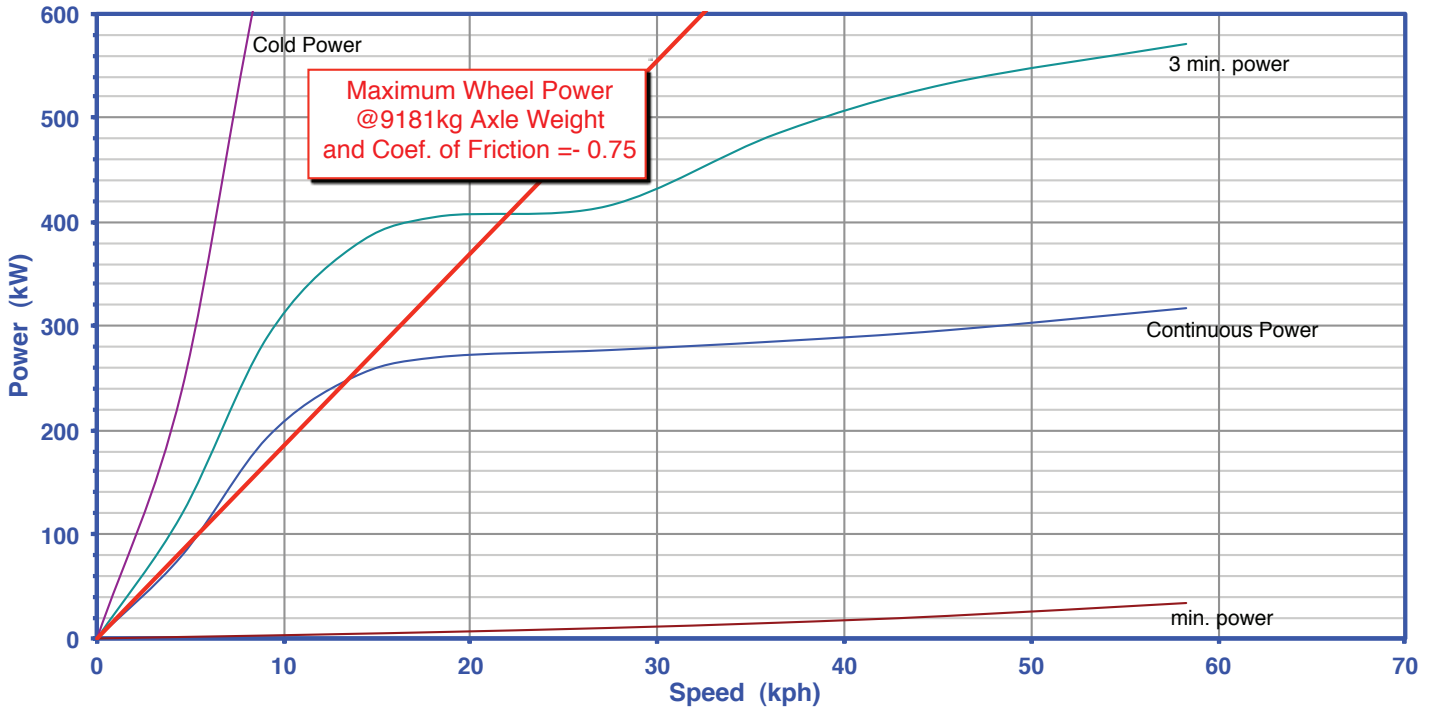
**RS-60K Power Absorption**  
**11.00 24.5 Tires, and 11.44:1 Drive Ratio**



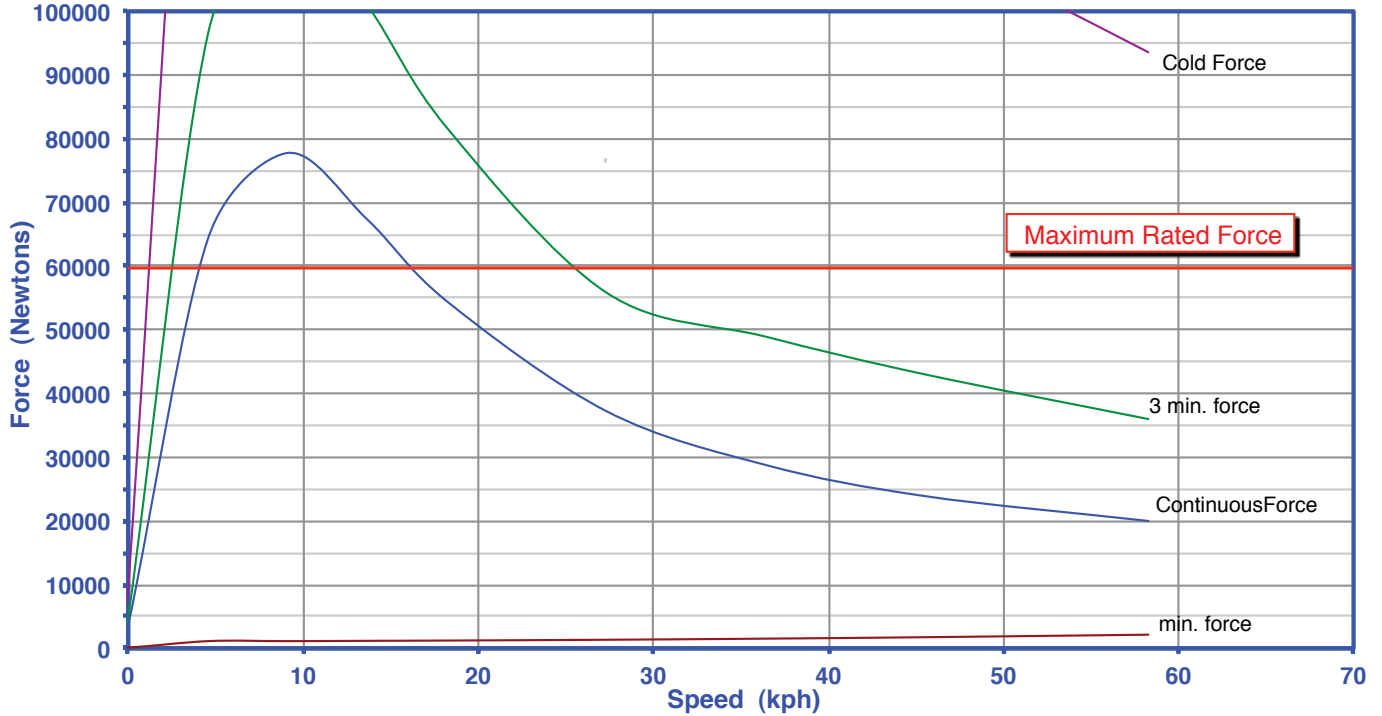
**RS-60K Drawbar Pull**  
**11.00 24.5 Tires, and 11.44:1 Drive Ratio**



**RS-60K Power Absorption**  
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**RS-60K Drawbar Force**  
**11.00 24.5 Tires and 11.44:1 Drive Ratio**



**Everything you need to succeed**

