



RSL-25K / Towing Dynamometer



RSL-25K Towing Dynamometer

Taylor Dynamometer's RSL-25K Towing Dynamometer is designed for testing today's full-sized cars, SUVs and light trucks. The RSL-25K is built with a steel frame, sheet metal body and rides on an independent, coil spring suspension. The RSL-25K uses eddy current absorbers for power absorption. The power is provided by batteries and an alternator.

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 dyno 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.



Wireless, touchscreen controller

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

Total Test Success

RSL-25K Specifications

- Eddy current power absorption units
- Automotive batteries and an alternator for power
- Ruggedized, Wi-Fi, touchscreen tablet PC controller
- DynCntrl-II software
- Wireless or CAT5 communication
- Independent coil spring suspension
- Solar panels for long-term battery maintenance
- Surge brake with large disc brakes
- Steel powder coated frame
- Parking brake and jockey wheel (easy to move dyno by hand)
- Includes 2-5/16 in. ball or 3 in. pintle hitch
- Hitch height range: 46.4 - 56.5 cm (18.25 - 22.25 in.)
- Euro or U.S.A. approved lighting
- LED amber warning beacon
- Sheet metal body
- Global standard tire size
- Maximum drawbar: 25,000 Newtons (5,620 lb)
- Dry Weight: 2,926 kg (6,450 lb)
- Fully Ballasted: 3,641 kg (8,058 lb)
- Length: 484 cm (190.6 in.)
- Width: 210 cm (82.5 in.)
- Height: 104 cm (41 in.)
- EU (CE certified) or US models available



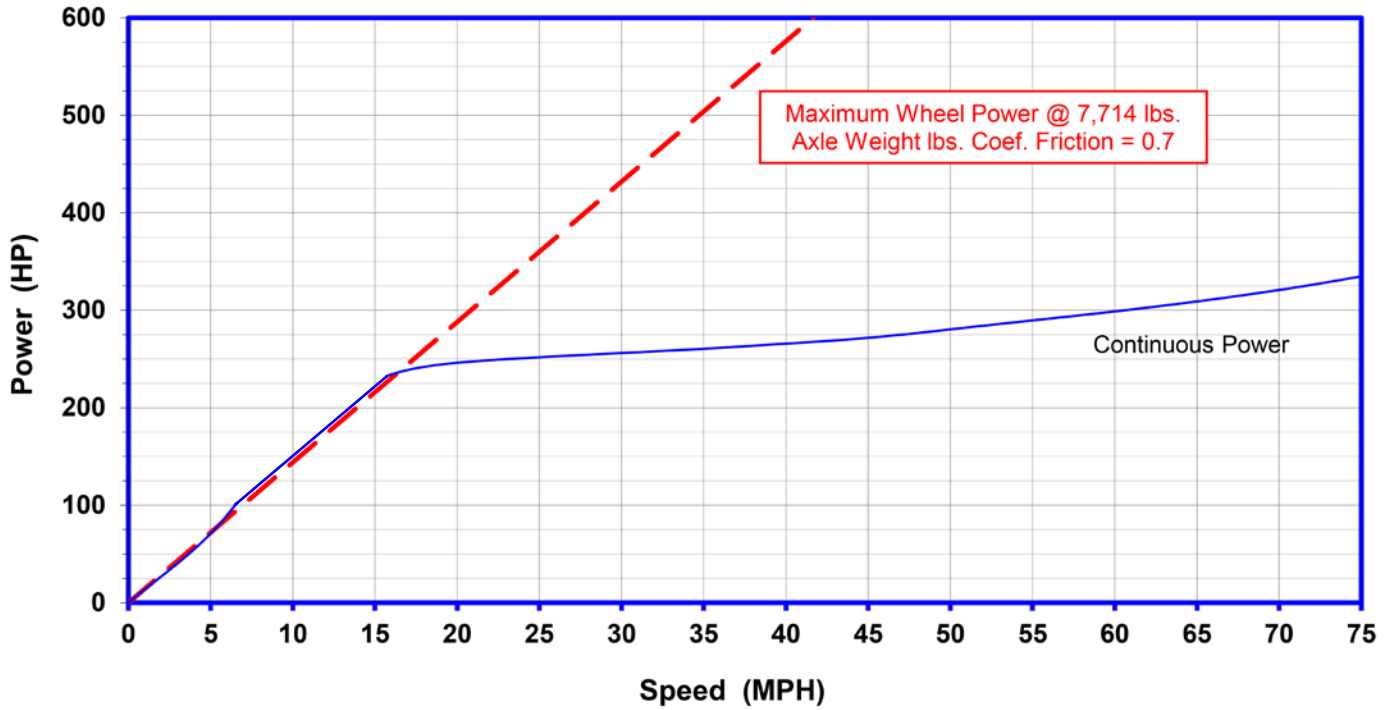
Notes:

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

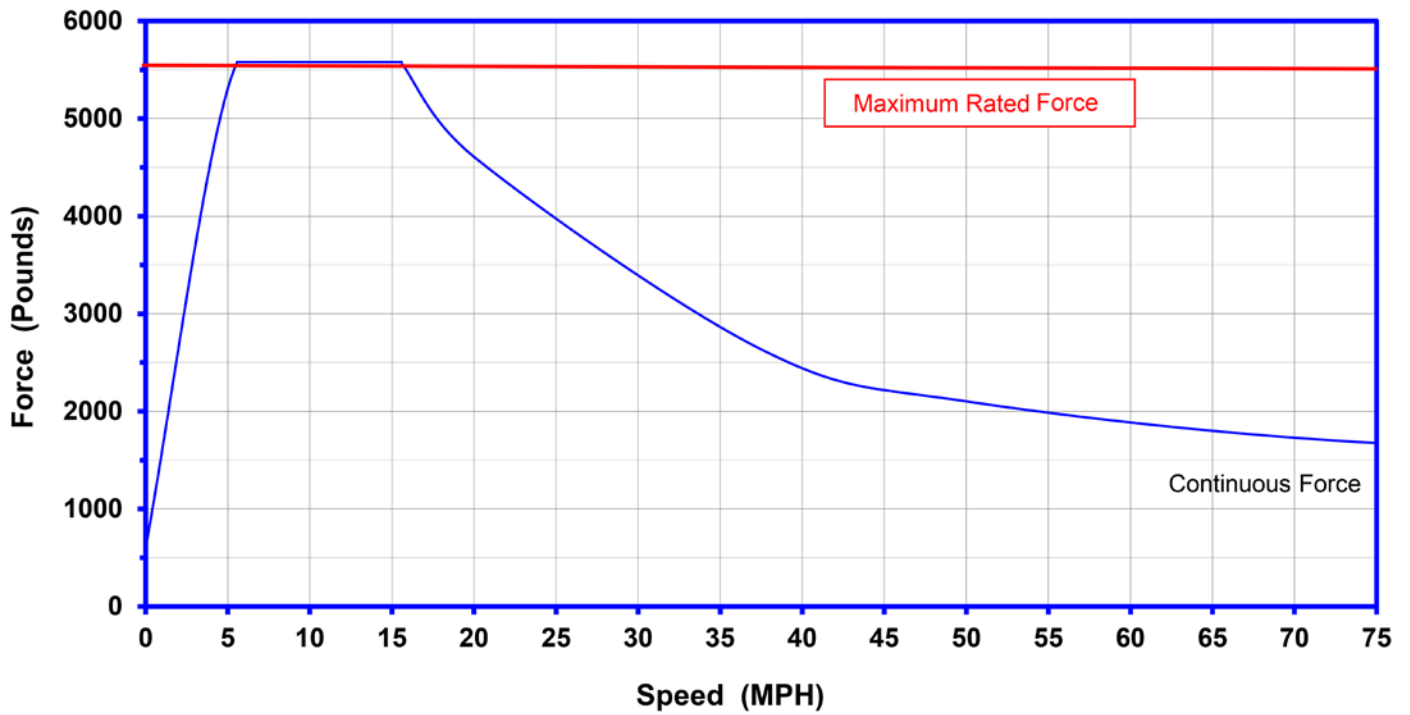
Taylor's RS and RSL series towing dynamometers are intended to be used on a test track. While Taylor stands behind the road worthiness of the trailers, the specialized control features and handling interactions between the towing dynamometer and test vehicle result in our recommendation to use them within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



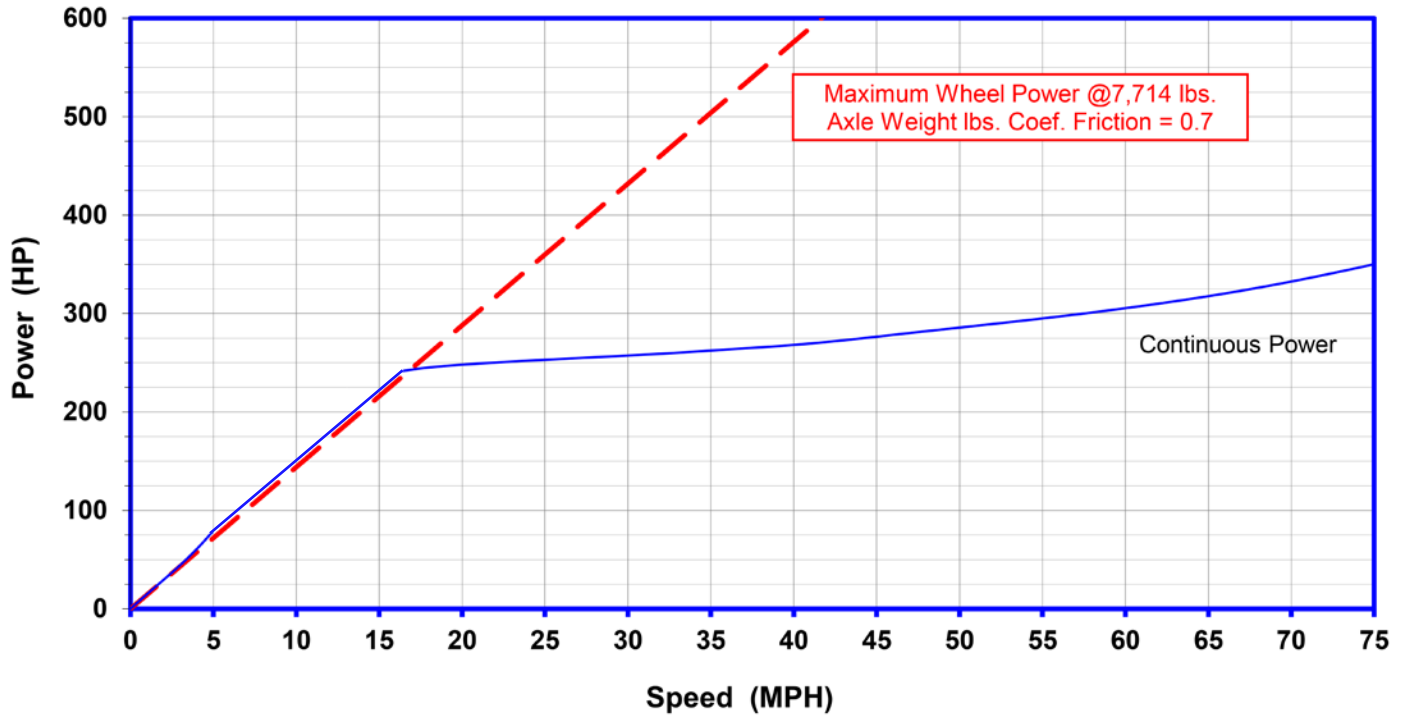
RSL-25K Power Absorption
 305/55/R20 Tires and 3.73:1 Drive Ratio



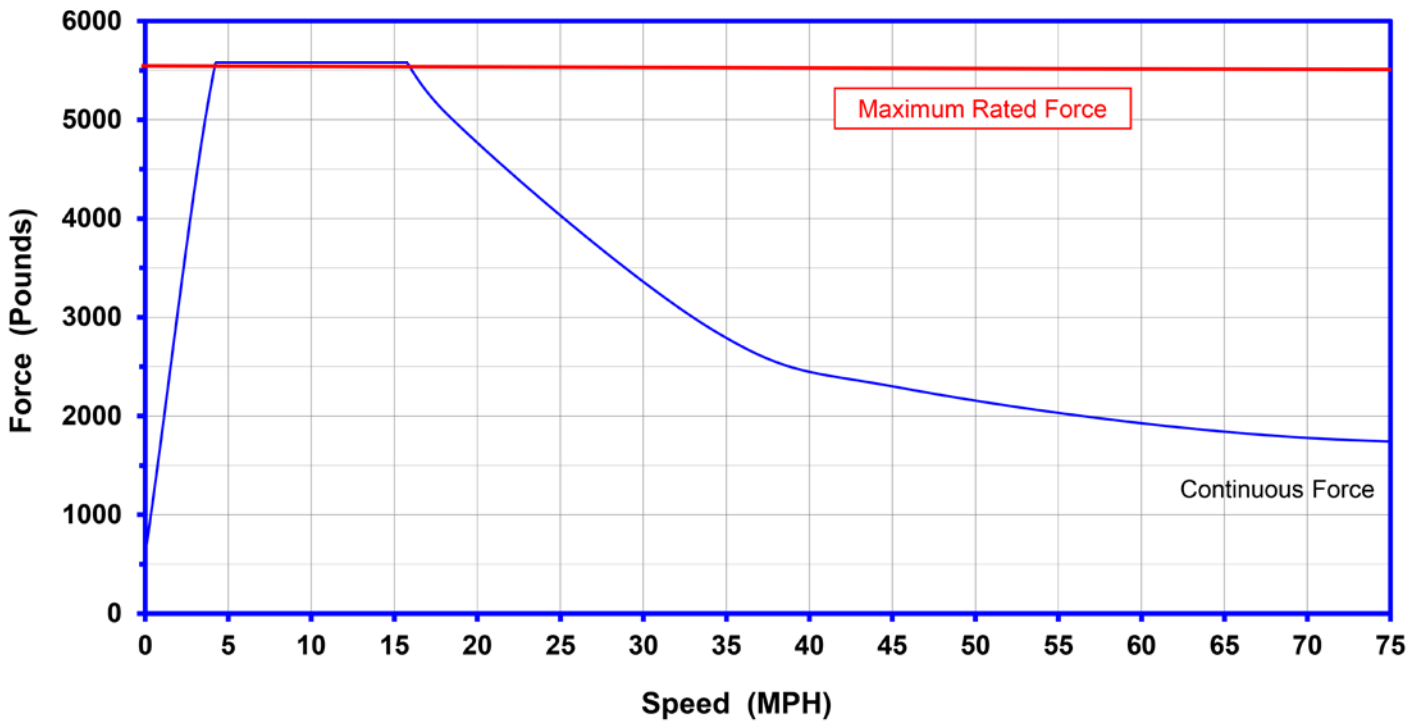
RSL-25K Drawbar Force
 305/55/R20 Tires and 3.73:1 Drive Ratio



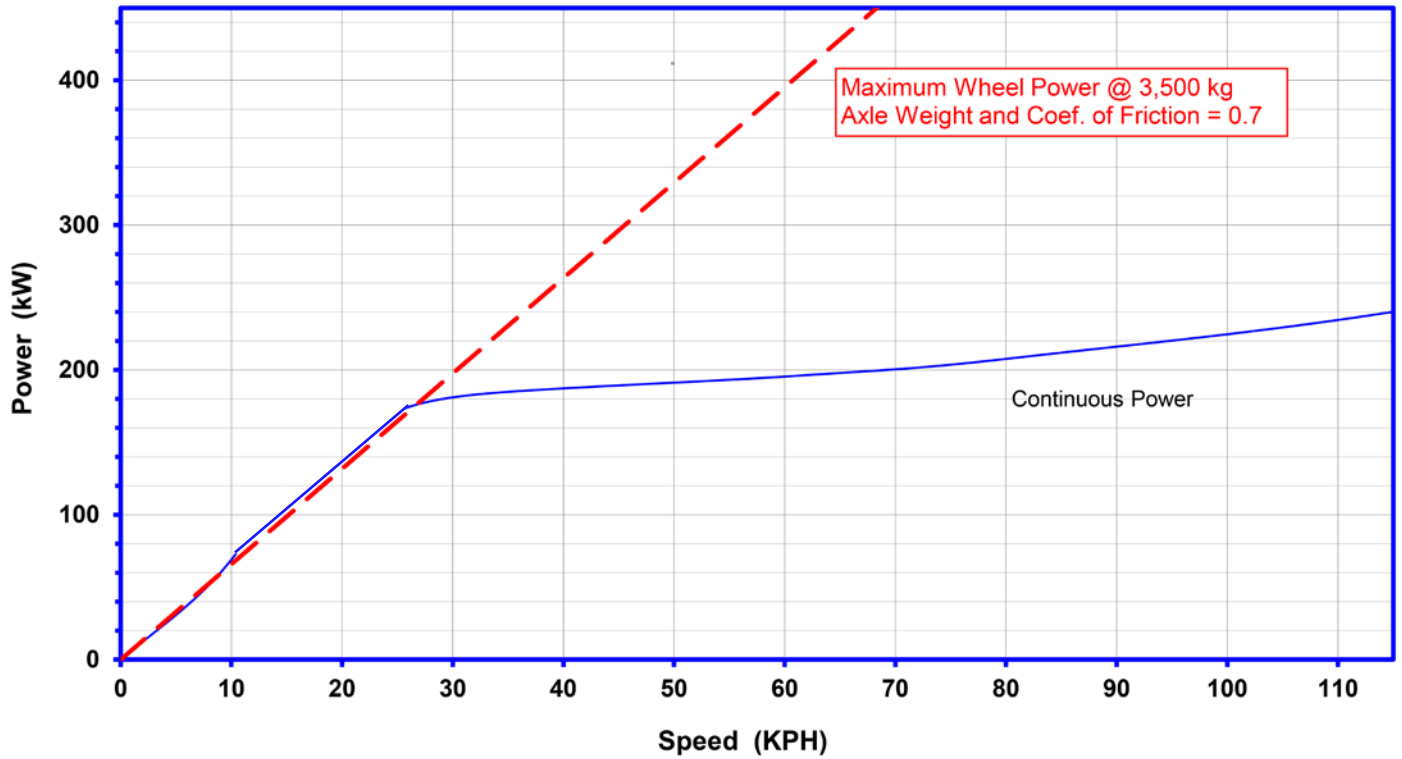
RSL-25K Power Absorption
 305/55/R20 Tires and 4.10:1 Drive Ratio



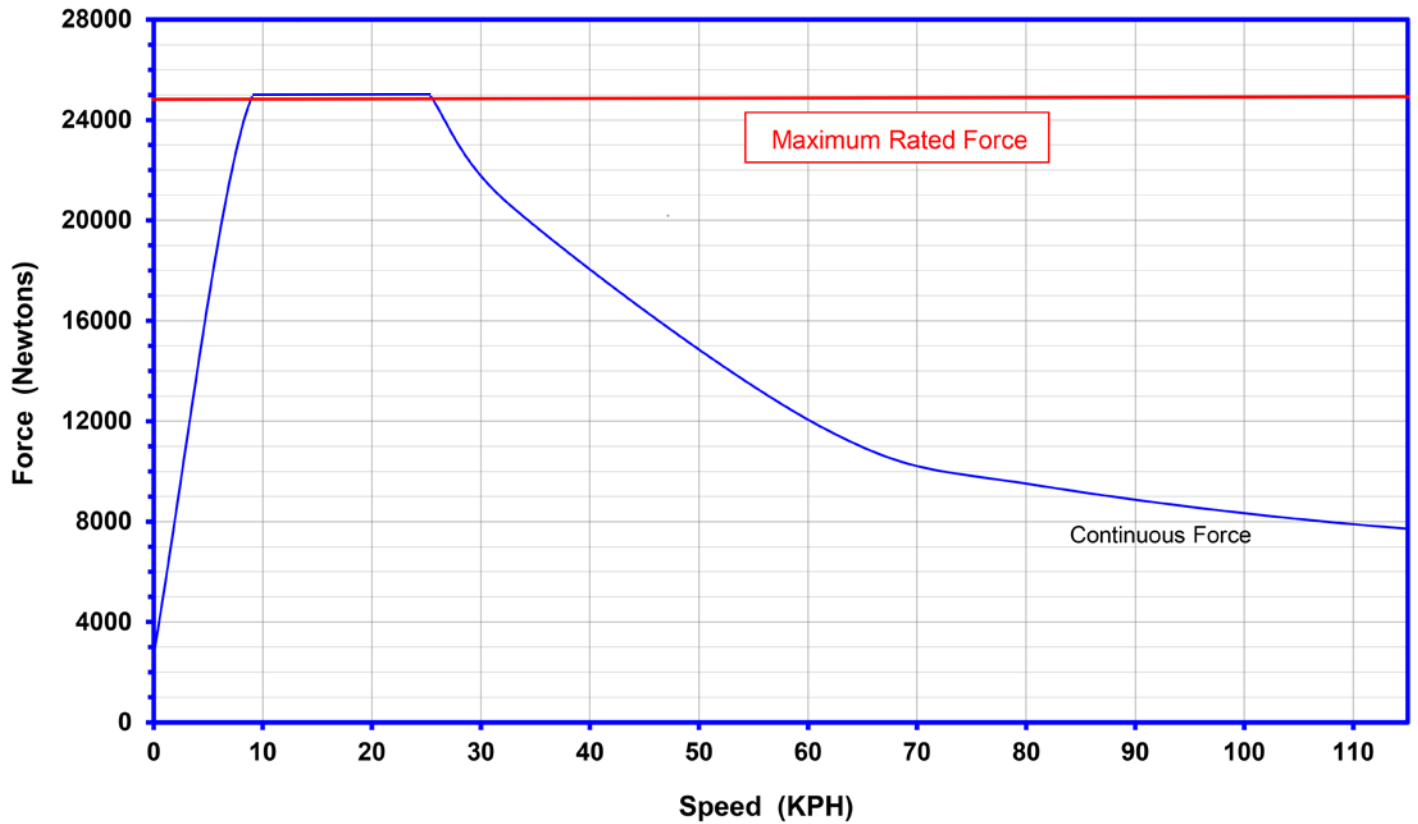
RSL-25K Drawbar Force
 305/55/R20 Tires and 4.10:1 Drive Ratio



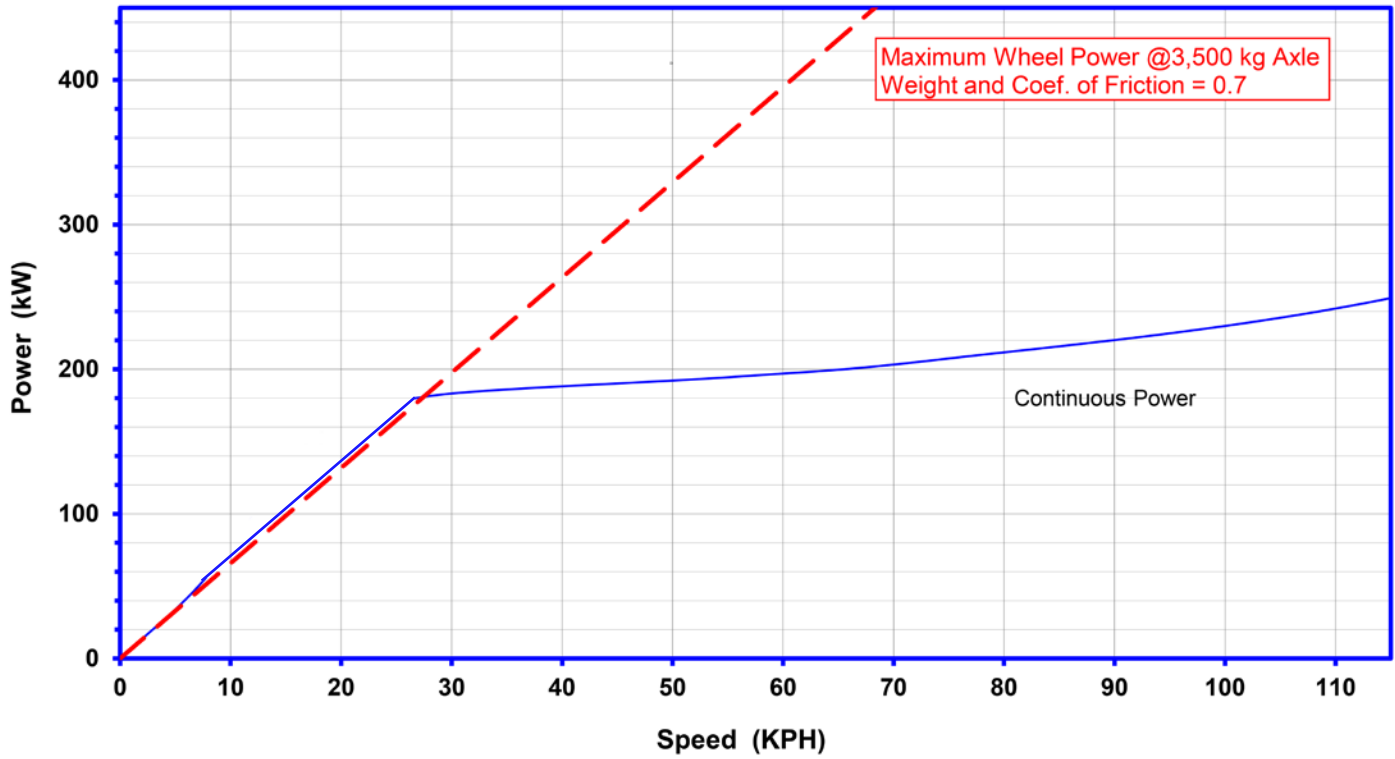
RSL-25K Power Absorption
305/55/R20 Tires and 3.73:1 Drive Ratio



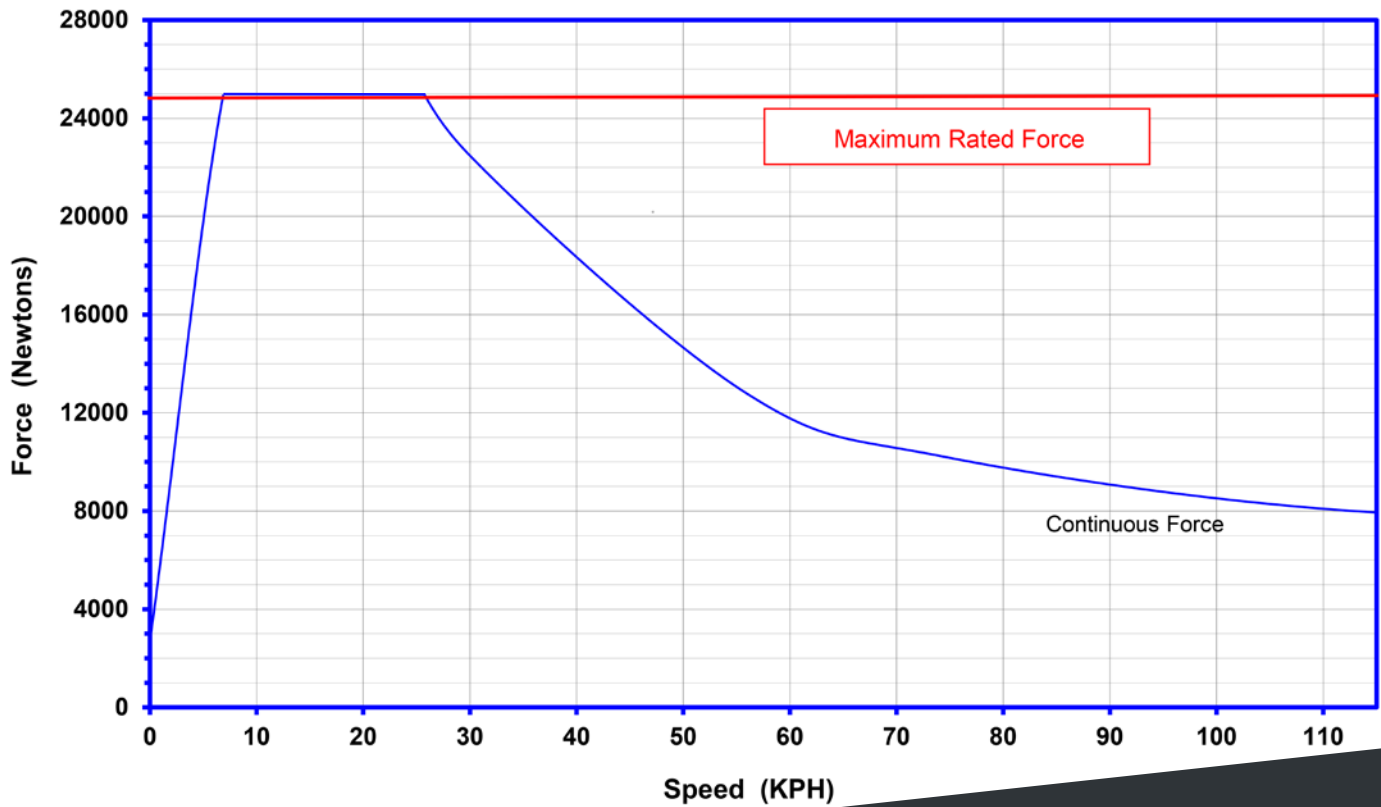
RSL-25K Drawbar Force
305/55/R20 Tires and 3.73:1 Drive Ratio



RSL-25K Power Absorption
305/55/R20 Tires and 4.10:1 Drive Ratio



RSL-25K Drawbar Force
305/55/R20 Tires and 4.10:1 Drive Ratio



Everything you need to succeed

