



The DynoMotive RS 40K is designed for Class A trucks. The RS-40K is the most full featured, reliable and accurate towing dynamometer in the industry. The RS-40K is designed to maintain 40,000 Newtons of constant drawbar pull and the ability to simulate an uphill slope of 25%. The towing dyno uses absorbers with special high temperature coils powered by an industrial generator instead of batteries. Therefore, there are no leaky batteries to charge and testing is unlimited at low speeds. The RS-40K is built with a heavy-duty steel frame, heavy-duty industrial axles and rides on an air ride suspension. Contact DynoMotive today to receive more information on this exciting, industrial towing dynamometer.

## Model: RS-40K

All DynoMotive towing dynamometers come standard with our wireless, touch screen controller.



## Hill Simulation Pro Software



- Simulate slope
- Compensate for actual slope
- Simulate trailer weight, aero and rolling loss
- Compensate for vehicle weight
- Reference slope input
- Import/export Excel file
- Save, name and file hill profile
- Auto record data
- Infinite number of programmable steps



**Model: RS-40K Specifications**

- Tire size: 11R/22.5
- High bright, graphic heads up display
- Wireless or CAT5 communication
- Wireless touchscreen PC tablet controller
- Heavt-duty frame construction
- Heavy-duty, industrial diesel generator (with remote start)
- Calibration stand (optional)
- Storage cabinet (optional)
- Nema enclosure for electronics
- Absorbers with high temperature coils
- Air ride suspension with on board air compressor
- Largest drawbar shaft in the industry (5")
- Surge brakes and ABS
- Ballast Tank (optional)
- LED amber warning beacon (optional)
- Overload Protection: +/- 1500N 45,000N (10,067lbs)
- Max drawbar: 40000 Newtons (8992 lbs)
- Weight Dry: 5896 kg (13000 lbs)
- Length: 8242 mm (324.5 in)
- Width: 2438 mm (96 in)
- Height: 3118 mm (122.75 in)

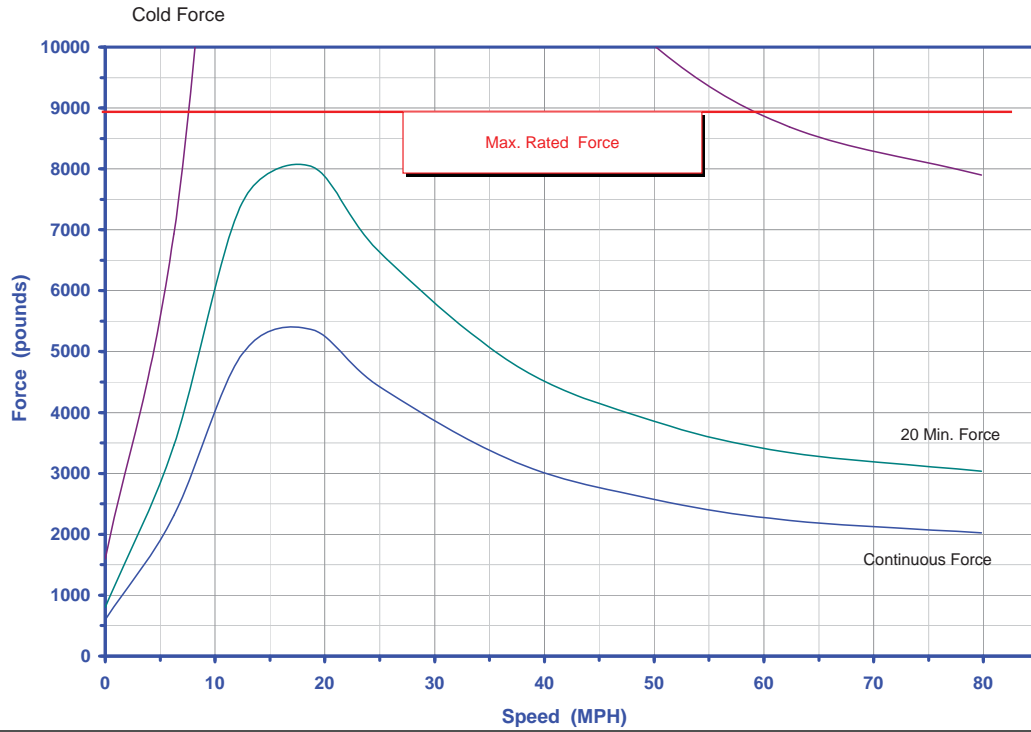
\*Note: Specifications are subject to change without notice to improve the product but not as to change the quality or performance.

DynoMotive is a division of:

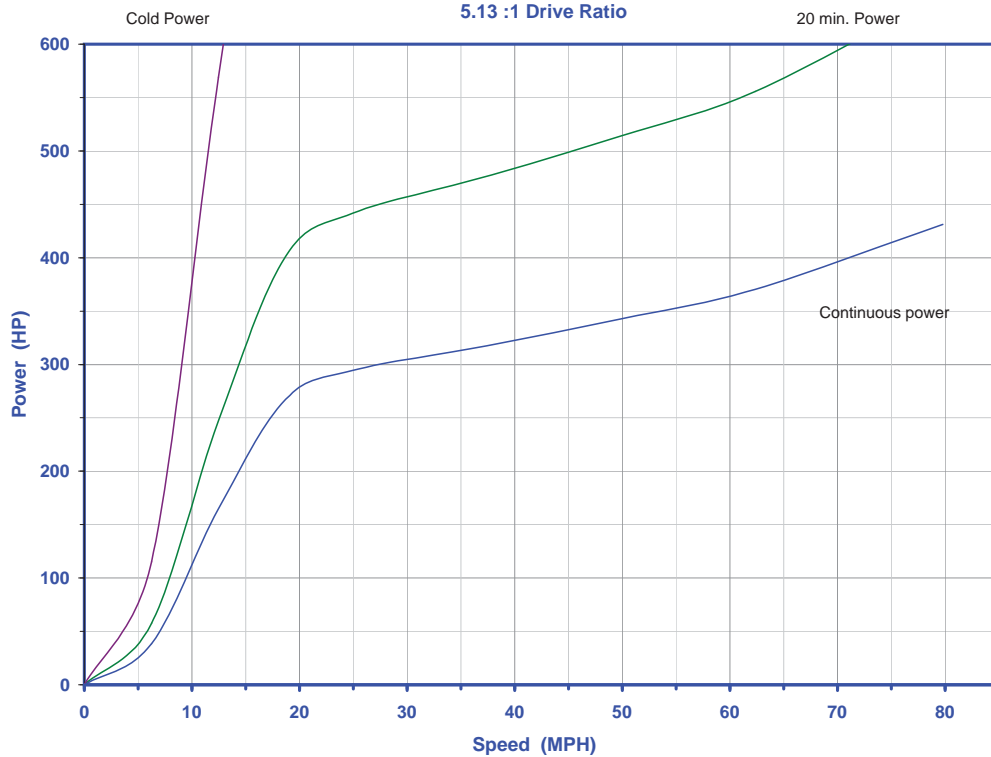
**Simulate  
Uphill**

SMS1035v002

**RS-40K drawbar pull**  
5.13:1 Drive Ratio



**RS-40K Power Absorption**  
5.13 :1 Drive Ratio

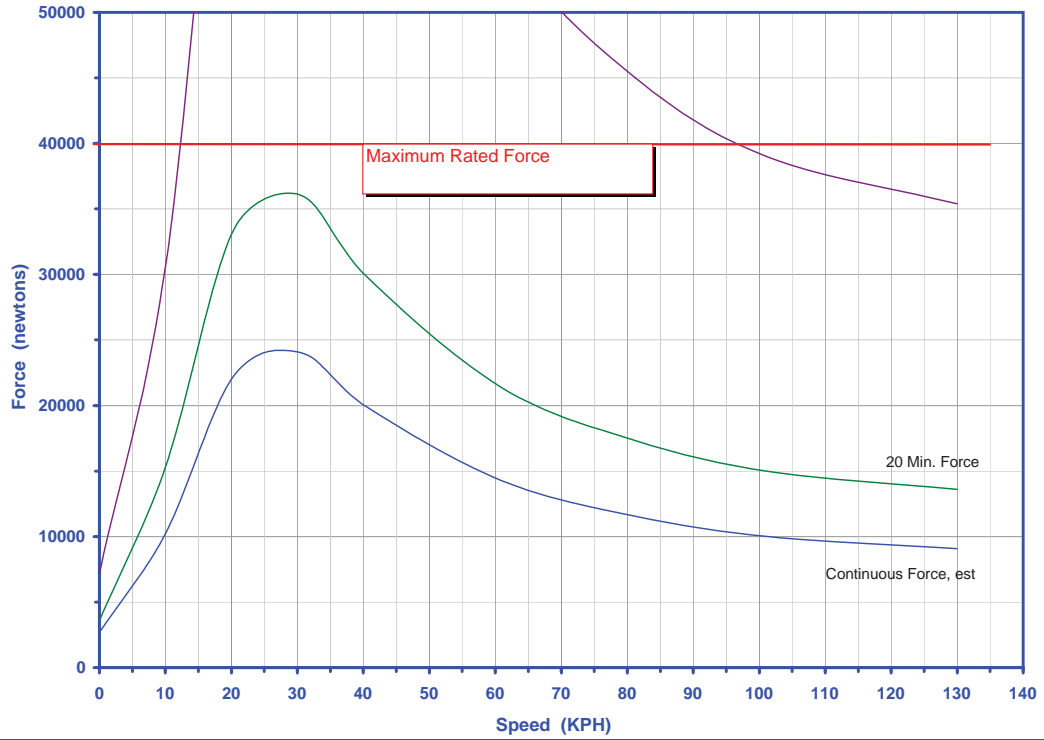




# DynoMotive

# RS-40K

RS-40K Drawbar Force  
5.13:1 Drive Ratio



RS-40K Power Absorption  
5.13:1 Drive Ratio

