



# RS-8K



The DynoMotive RS 8K is designed for mid size sedans and compact SUV's. The RS-8K is the most full featured, reliable and accurate towing dynamometer in the industry. The RS-8K is designed to maintain 8,000 Newtons of constant drawbar pull and the ability to simulate an uphill slope of 25%. The dyno uses an absorber 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-8K is built with an all aluminum frame and rides on an independent, air ride suspension. Contact DynoMotive today to receive more information on this new exciting towing dynamometer.

**Model: RS-8K**



## 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-8K Specifications**

- Heavy duty, eddy current absorber with high temperature coils for maximum drawbar pulls
- Industrial generator for power (no batteries to charge)
- Stainless steel ballast box centered over the axel to maintain constant tongue weight
- Adjustable hitch height with 50mm ball hitch
- High bright, touch screen PC tablet wireless dyno controller
- High bright, graphic heads up display
- Wireless or CAT5 communication
- Independent air ride suspension with on board air compressor and automatic leveling
- Largest drawbar shaft in it's class (5")
- Surge brake with large disc brakes
- All aluminum powder coated frame
- Parking brake and easy use jockey wheel (easy to move dyno by hand)
- Euro and U.S.A. approved lighting
- LED amber warning beacon.
- Aero dynamic, fiberglass body
- Global standard tire size
- Max Drawbar: 8000 Newtons (1798 lbs)
- Weight: 1100 kg (2425 lbs)
- Length: 4000 mm (157.5 in)
- Width: 2000 mm (78.75 in)
- Height: 1000 mm (39 in)

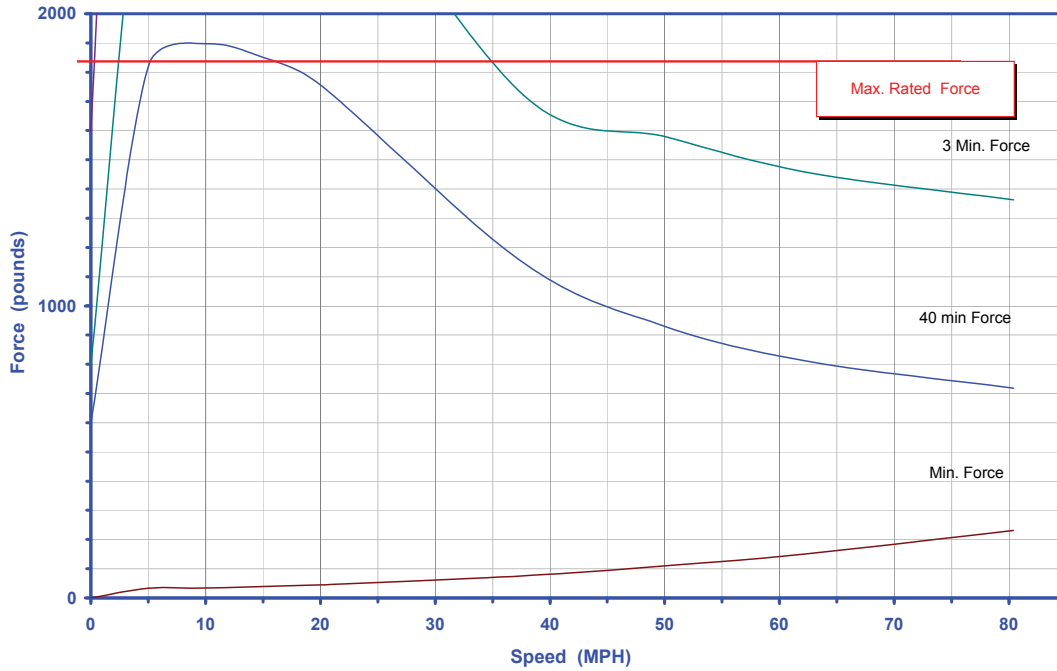
\*Note: Specifications are subject to change without notice to improve the product but not as to change the quality or performance.

DynoMotive is a division of:

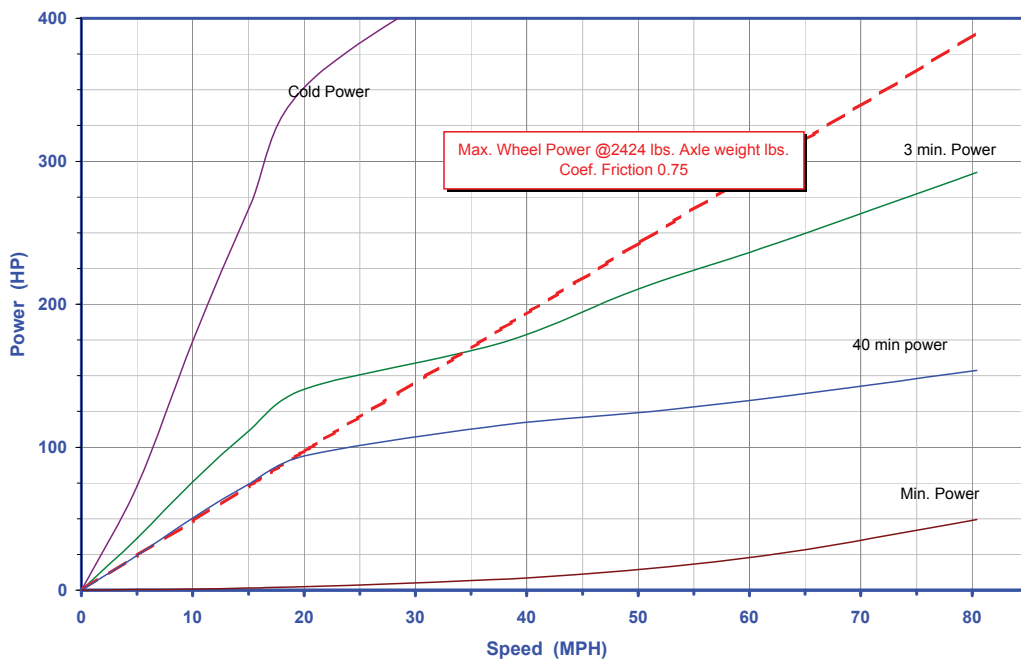
**Simulate  
Uphill**

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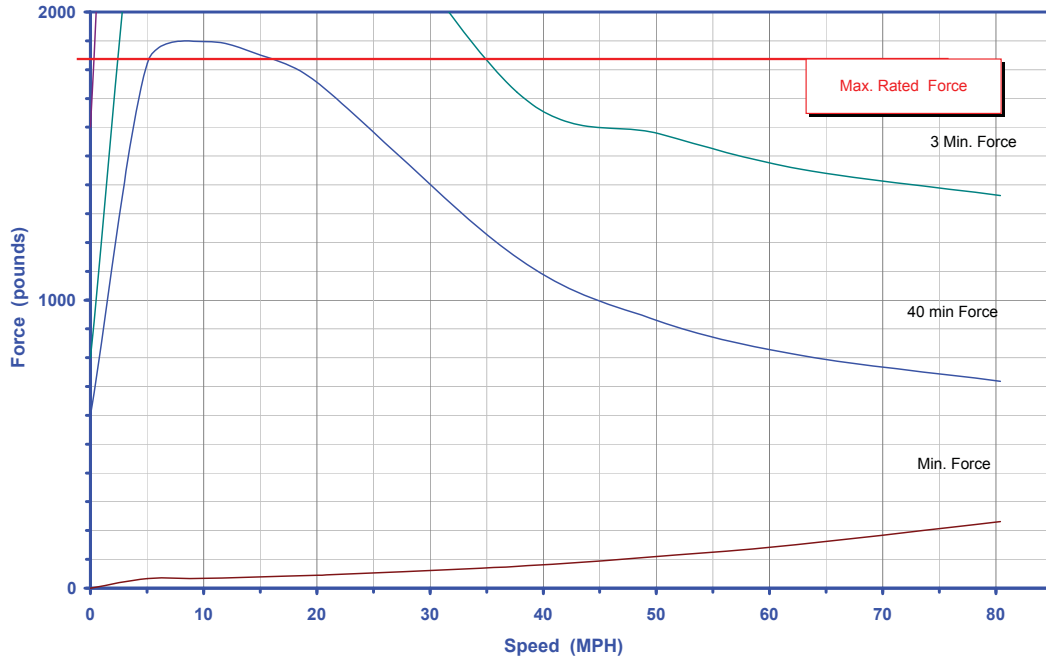
**RS-8K drawbar pull**  
 285/60/R80 Tires, and 3.73:1  
 Drive Ratio



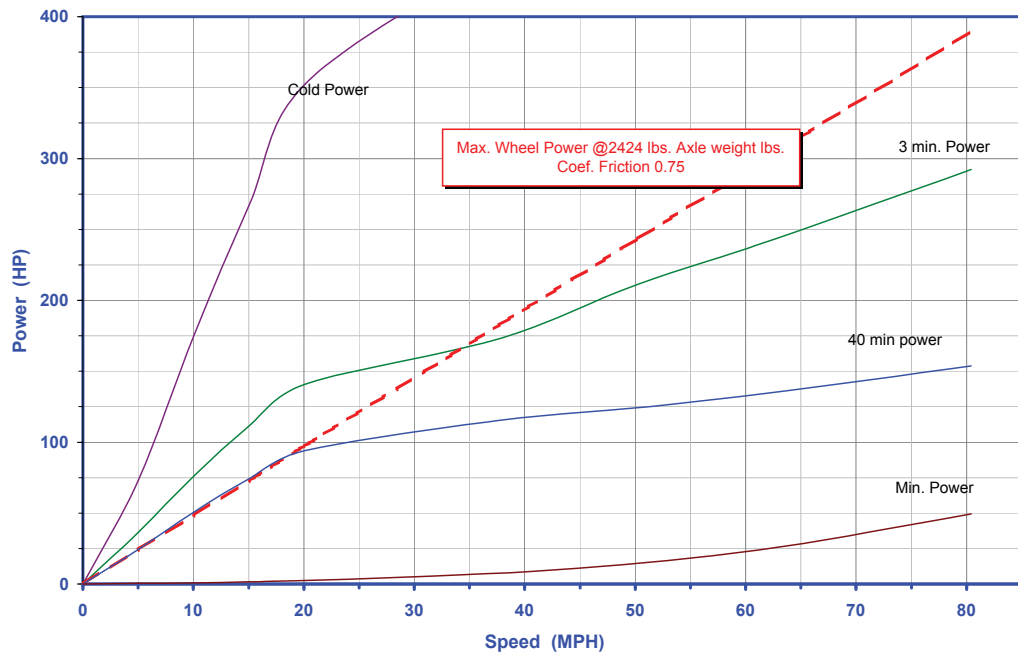
**RS-8K Power Absorption**  
 285/60/R80 Tires, and 3.73 :1 Drive Ratio



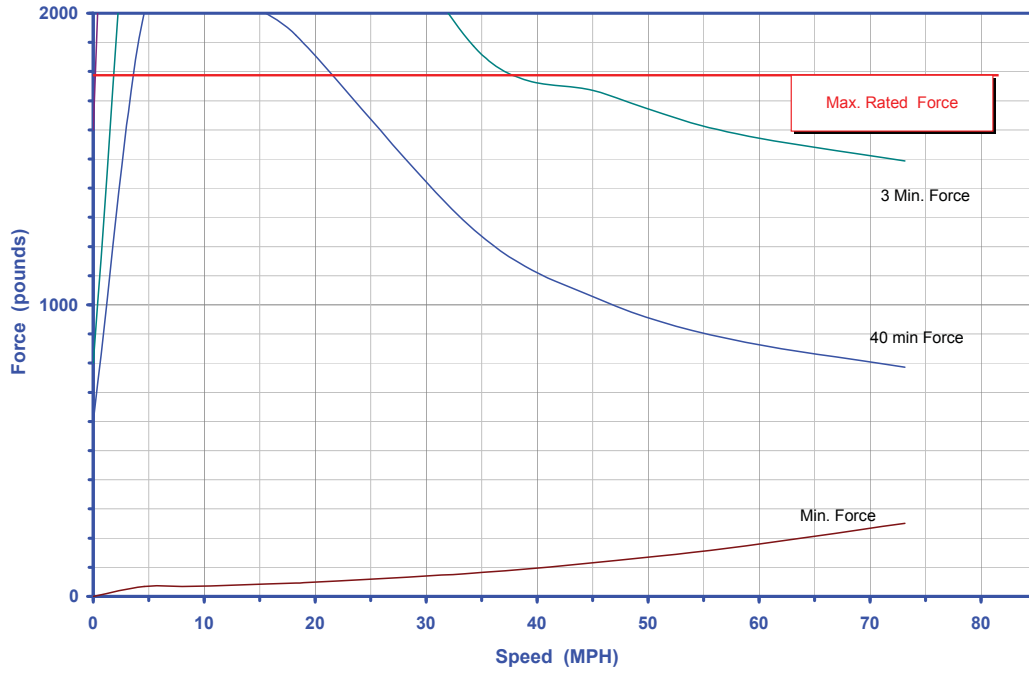
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**RS-8K Power Absorption**  
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**RS-8K drawbar pull**  
285/60/R80 Tires, and 4.10:1 Drive Ratio



**RS-8K Power Absorption**  
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