

# POWER WHEEL USA

## YOUR EASY ANSWER TO TRAILER MOVING

**FULL 5 YEAR PARTS AND LABOR WARRANTY - 2 YEARS COMMERCIAL WARRANTY**

Thank you for your interest in the Power Wheel USA line of equipment; quality products from Powrwheel, LTD of Christchurch, Dorset in the United Kingdom. Powrwheel, LTD has been in business for over 16 years, manufacturing a complete line of motorized trailer movers to exacting ISO 9001 / 2000 certified quality and design. More than 8,000 of these outstanding machines have been sold in England, Europe, Australia and the United States. They are available in North America exclusively through Power Wheel USA, LLC. Here is the product lineup to meet all of your trailer moving needs.

**THE POWRHITCH** Boat trailers, commercial trailers, large RV's or horse trailers. Almost any trailer that couples to a 1 7/8", 2" or 2 5/16" ball can be moved with this line of equipment. Powrhitch has the brute capacity to get the job done, up to almost 10,000 pounds of weight. Optional mounting for a 12 volt deep cycle battery on board. Heavy Duty (HD) model uses 24 volts and is also available for on board battery mounting. Both models can be fitted with internal mounted battery charger.



MODEL	Powrhitch 2	Powrhitch Heavy Duty
Moving Capacity	7,750 Lbs.*	9,300 Lbs.*
Power Output Torque	136 Ft. Pounds	148 Ft. Pounds
Unit Weight	77 Pounds	77 Pounds
Chassis Size - Inches	19.0 X 9.5 X 7.1	19.0 X 9.5 X 7.1
Voltage	12 Volts DC	24 Volts DC

\* Maximum capacity - level paved surface

**THE POWRWHEEL** Though designed initially to be used on RV Campers, this mover works equally well on many single axle boats. It mounts conveniently along side the jockey wheel and has a quick release bracket. It's powered by a 12 volt deep cycle battery from within your camper or boat or a battery placed temporarily on the front of the RV A-Frame or the tongue of your boat trailer. Battery connections are made by means of a plug and socket or simple alligator clips and you can take this unit with you on a trip. The capabilities of the two models are;



MODEL	Powrwheel 3	Powrwheel 4**
Moving Capacity	3,500 Pounds*	3,500 Pounds*
Power Output Torque	74 Foot Pounds	74 Foot Pounds
Unit Weight	42 Pounds	42 Pounds
Chassis Size - Inches	8.7 X 7.0 X 18.75	8.7 X 7.0 X 18.75

\* Maximum capacity - level paved surface. **Not suitable for tandem axle trailers**  
Powrwheel 4 capacity dependant on grade / soil conditions encountered.

\*\* Comes with rough terrain tire for grass, gravel or dirt surface



**THE POWRTOUCH** That's right! He's moving his RV without physically touching it. The Powrtouch is the revolutionary system that is attached semi-permanently to the chassis of your RV camper. Powered by dual 12 volt electric motors, and controlled with a handheld wireless remote, no larger than a TV remote, the Powrtouch is **RV Trailer Moving Magic!** Now available for tandem axle trailers. Weight limitation 6,000 pounds on single axle RV's. 5,000 pounds on tandem axle RV's. Capacity depends on grade or slope you traverse. Contact us for more information on this innovative product .

### Power Wheel USA, LLC

4140 JVL Industrial Park Drive - Unit 207

Marietta, Georgia 30066

Toll Free 1-866-770-3740 - Telephone 770-591-3740 - Fax 770-993-6046 - [www.powerwheel-usa.com](http://www.powerwheel-usa.com)

[www.powerwheel-usa.com](http://www.powerwheel-usa.com) - email [info@powerwheel-usa.com](mailto:info@powerwheel-usa.com)

## FACTS YOU SHOULD KNOW BEFORE ORDERING

### CONCERNING SLOPE AND GRADE:

Moving a loaded trailer up a slope or grade is much more difficult than moving the same trailer over a level flat surface. This is due to the effect of gravity and creates what we call the "effective weight of the trailer". Each trailer's weight is different and every grade is different and it is impossible for Power Wheel USA to duplicate and pretest our equipment on every possible scenario a purchaser might encounter. The combinations are infinite.

A 3,000 pound trailer moving up a 3° grade has a perceived weight of 4,541 pounds or an increase of 51%. If the slope is 4°, the effective weight is now 5,053 pounds.

On our website, we give you complete instructions on accurately determining exactly what degree slope or grade you have and this can be done with an inexpensive laser level and a tape measure. With this information, and your trailer weight, you can quickly determine the effective weight of your trailer moving up this grade.

Please visit our website and thoroughly read Subject #2 on our Trailer Tips page which deals with "**Determining the effect of a grade or slope on a loaded trailer.**" Follow the instructions and make sure that our products will handle your particular situation. Use our online grade computation program which can be activated by clicking the link entitled "[Click here to try our online calculator](#)".

Any machine returned to us for weight and grade complications will be subject to a 15% restocking charge. Additionally, you will incur non-refundable shipping charges both ways. If you encounter a problem, you must first telephone us to obtain a Return Merchandise Authorization (RMA) number. If a machine is returned without an RMA, the shipment will be refused.

We will gladly discuss your particular situation and advise you of our opinion as to whether our equipment will be suitable for your intended application and circumstances.

### SURFACE CONDITIONS

Power Wheel USA cannot be responsible for your particular surface conditions that inhibit the use of our equipment in moving your trailer. An example of this would be movement over grass where dips and contours in the underlying earth creates angles which drive up the effective weight of your trailer when attempting to move through them and exceeds the capacity of our equipment.

Our machines are designed to operate on pavement, grass, gravel or dirt. Our equipment will not function in sand or in overly soft soil conditions. Examine your particular situation closely before ordering. We will gladly discuss which tire tread design would be best for your particular situation.

### LIGHT TRAILER TONGUE WEIGHT

Our equipment is relatively light and must have adequate tongue weight to function on various surfaces. Tongue weight is important, particularly off of a paved surface in order to avoid tire slippage. You need a minimum of 200 pounds tongue weight if moving on any surface other than pavement. Unsure? Please call us on our toll free line 1-866-770-3740 and let's discuss your particular situation.

### MOVING YOUR TRAILER OVER LONG DISTANCES AND TRAVEL SPEED

The Power Wheel USA line of equipment is designed to be an aid in helping you **park** your trailer. It is not designed nor should it be considered as a primary mover for moving your trailer hundreds of feet. For instance, our Powrhitch Model 2 has an unloaded moving speed of approximately 28 feet per minute. When connected up to a trailer, the travel speed drops lower depending on the trailer weight being moved. It is powered by a 12 volt 4,000 RPM motor geared down to 10 RPM on the drive wheels.

Additionally, the motor is rated as an intermittent use type motor. When subjected to extended runs such as 150 - 250 feet under a heavy load, the motor may build up unacceptable levels of heat in the magnetic casing leading to eventual premature failure. You should back up your trailer with your tow vehicle as far as you can and then complete the parking process with our equipment. If you have doubts, please call us and let's discuss your needs.