

# MANUAL ROTATOR/ POWER TILTER 2800

MODEL: MRPT1611LDC3

With a standard capacity of 2,800 lbs (1,270 kg), remote control and optional integrated counter-balancer, this highly adaptable rotator-tilter makes it easy to install jumbo lites, curtainwall sections and much more!

## Intelli-Grip® Technology

Looking for better productivity and increased safety? Count on reliable monitoring of power and vacuum systems with Intelli-Grip® — available exclusively from WPG!

## Dual Vacuum System

Handle loads with the added safeguard of two independent air-line circuits!

## Remote Control System

Put extra control in the palm of your hand with an easy-to-use transmitter! Functions up to 250 feet (76 meters) away. Great for installation of windows in multi-story buildings and more!

## Load-Support Safety Sensor

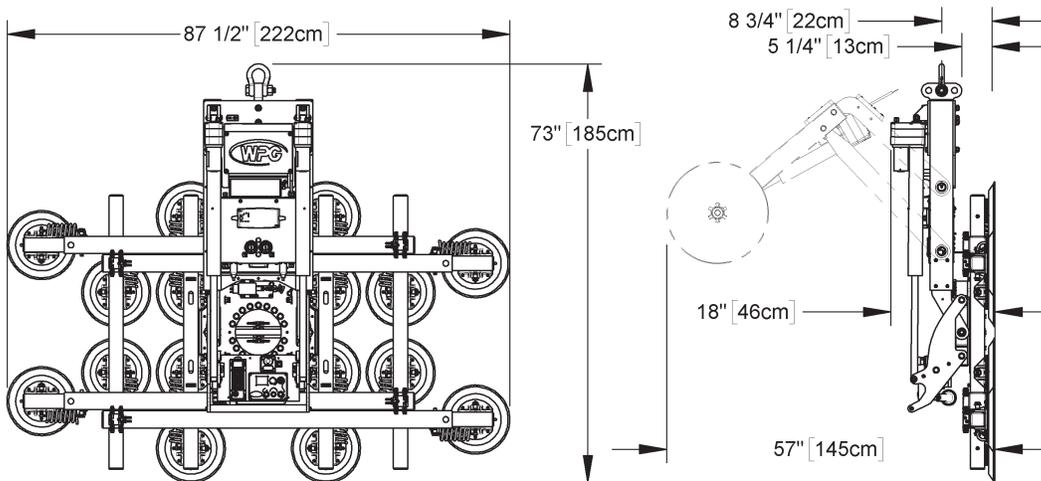
Measures suspended weight; warns operator attempting to release a load that is not supported!

## Intelli-Grip® App

Use your Android- or iOS-powered smartphone, tablet or other device on the job site to check vacuum levels, battery energy level and more on your WPG lifter!

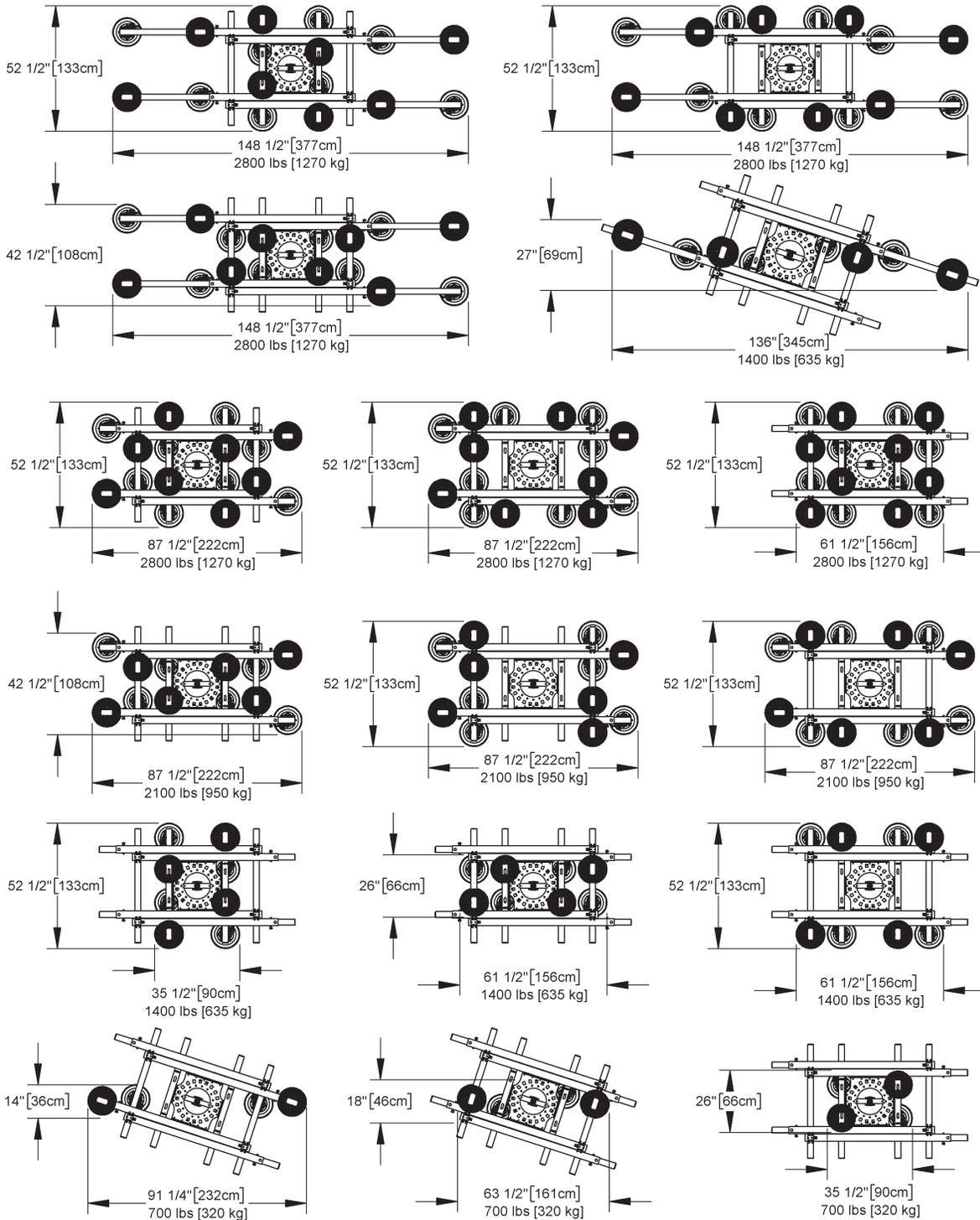
**AVAILABLE TO LEASE!**

Contact your WPG Authorized Dealer or Tech Sales Rep for more information.



The MRPT1611LDC3 vacuum lifter is depicted in a front view at left; the optional integrated counter-balancer (ICB) is depicted with the lifter in a side view at right.

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|---|--|
| <b>Model</b>  | MRPT1611LDC3   |
| <b>Maximum Load Capacity</b>  | 2,800 lbs [1,270 kg]   |
| <b>Load Movement</b>  | Manual rotation, 360° edgewise, with locking every 18°<br>Power tilt, 90° between upright and flat |
| <b>Standard Operating Power</b>   | 12 volts DC, 50 amps   |
| <b>Time to Achieve 90° Tilt</b>   | 45 seconds (approximately)   |
| <b>Standard Pad Spread</b>  | See drawings below   |
| <b>Number/Size of Vacuum Pads</b>   | 16 / 11" [28 cm] diameter, lipped  |
| <b>Lifter Weight</b>  | 555 lbs [252 kg]   |
| <b>Lifter Weight with Integrated Counter-Balancer and all counterweight</b> | 1,405 lbs [637 kg]   |



## STANDARD FEATURES

### Intelli-Grip® Technology

Available exclusively from Powr-Grip®! Actively monitors power and vacuum systems to increase safety and productivity, using LCD-screen messages, diagnostic codes and other features

### Dual Vacuum System

Features two independent air-line circuits to reduce risk of workplace accidents

### Remote Control System

Controls attach, release and other powered functions up to 250' [76 m] away for installing windows and more in multi-story buildings

### Load-Support Safety Sensor

Measures weight suspended from hoisting equipment and warns operator attempting to release a load that is not supported

### Notification Buzzer and Strobe Light

Alert operator of problems with power or vacuum system, with various patterns of sound and light to indicate severity; back-up battery provides independent power for buzzer

### Green Lift Light

Provides visual assurance to know when vacuum is sufficient for lifting

### Two-Action, Blow-Off Release

Uses two separate buttons to avoid accidental release, and reverses airflow to quickly release loads without after-stick

### Battery and Charger

Provide independent, rechargeable power source for cord-free lifter operation in any location; on-board charger features status indicator and automatic shut-off

### Battery Gauge

Shows energy level in real time, to help determine when charging is needed

### Vacuum Gauges

Feature green and red zones to clearly indicate whether vacuum levels are sufficient for lifting

### Vacuum Line Filters

Protect the vacuum generating system from contaminants

### Vacuum Reserve Tanks

Increase battery run-time by reducing pump cycles needed to maintain vacuum

### Telescoping Pad Arms

Can quickly be extended or retracted, to support many different load dimensions

### (Re)movable Pad Mounts

Can be moved or removed without tools, adapting the lifter to various load sizes and weights

### Spring-Mounted Vacuum Pads

Automatically adjust to match the angle of load surfaces, easing attachment

## AVAILABLE OPTIONS

### Integrated Counter-Balancer (98815)

Adjusts the hang angle of the lifter or load as needed for each job, such as aligning windows for efficient installation in rough openings; radio controls enable remote use



### Independent Counter-Balancer

Features the same advantages as 98815, while adding the ability to reach under eaves, gables and other overhanging obstacles

### Curved Glass Pad Frame (MRPT209CDC3)

Handles glass and other materials with a radius greater than 22" [56 cm]

### Custom Pad Frame Sizes and Capacities

Accommodate customers' specific load weight and dimension requirements

### Alternative Pad Compounds

Specially designed for heat resistance, marking resistance, coated surfaces and other purposes

## DESIGN STANDARDS

**ASME B30.20 (BTH-1 Design Category "B", Service Class "0"):** Industry standards established by the American Society of Mechanical Engineers (ASME) and published by the American National Standards Institute (ANSI)

**CE:** Regulatory standards for health and safety required in the European Union

**AS 4991:** Regulatory standard required in Australia

Based on product information at time of publication.

Environmental conditions can affect product performance and longevity; consult the product instructions on WPG.com or contact a Technical Sales Representative for more information.

