

DC QUADRA-TILT ROTATORS 900 & 1100



MRTA611LDC MRTA6HV11FDC

In addition to Powr-Grip's® Dual Vacuum System, this DC-powered vacuum lifter features our innovative Quadra-Tilt linkage, continuous 360° rotation and a variety of frame configurations, for maximum security and versatility at the construction site or in the shop.

Standard Pad Spread*:

MRTA611LDC

- Minimum Width - 12-1/2" [317 mm]
- Maximum Width - 58-3/4" [1491 mm]
- Minimum Length - 46-3/4" [1188 mm]
- Maximum Length - 104-1/2" [2656 mm]

MRTA6HV11FDC

subtract 1" [25 mm] from each dimension listed above

Number / Size of Pads:

- MRTA611LDC - 6 / 11" [28 cm] dia. lipped vacuum pads
- MRTA6HV11FDC - 6 / 10" [25 cm] dia. lipped vacuum pads, with closed cell foam rings (please specify standard or low-marking rubber)

Maximum Load Capacity*:

MRTA611LDC - 1100 lbs [500 kg]

MRTA6HV11FDC - 900 lbs [410 kg]

(On smooth, nonporous surfaces.)

Please contact us for recommendations on other surfaces.)

Unit Weight: 188 lbs [86 kg]

Standard Operating Power: 12 volts DC, 10 amps

Load Movement:

- Manual rotation, 360° edgewise, with automatic locking at each 1/4 revolution.
- Assisted manual tilt, 90° between upright and flat.

Dual vacuum system

Low vacuum warning light and buzzer

On-board battery and charger

Battery energy gauge

Vacuum gauges

Vacuum line filters

Vacuum reserve tanks

Spring-mounted pads

(Re)movable pad mounts

Extension arms

AVAILABLE OPTIONS:

Remote control system (EO8RC1)

Tilt locks (LB8TLO)

Adjustable lift bar extension (LB12AEO)

Alternative vacuum pads:

(Specifications not as listed above.)

Please contact us for more information.)

9" [23 cm] diameter (VPFS9)

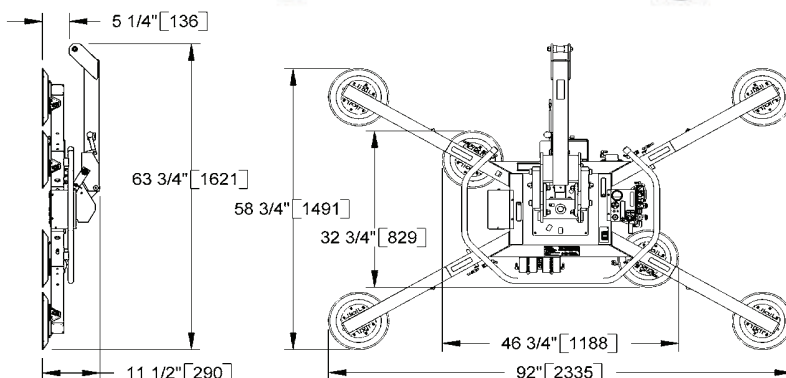
10" [25 cm] dia. concave (G0750)

Cladding pad frame extensions (CF13CEO)

Alternative vacuum pad materials, including

low-marking, temperature resistant and chemical resistant compounds

* See Frame Configurations and Capacities.



The Quadra-Tilt Lifters feature an innovative four-bar tilt mechanism that significantly reduces the effort of tilting heavy loads between flat and upright positions. This tilt mechanism also reduces hazards associated with lifting loads from upright racks: When a load is tilted to either the upright or the flat position, the lifter maintains the load position automatically without using latches, eliminating the tendency for a load to "kick back" at the operator's knees.

The MRTA611LDC also features a dual vacuum system, 360° manual rotation, (re)movable pads and extension arms that accommodate a variety of load sizes and shapes (see Frame Configurations and Capacities).

The Dual Vacuum System features two vacuum line circuits, allowing the lifter to maintain the vacuum level for one circuit even if an unexpected vacuum loss occurs in the other one. This system is designed to reduce the risk of falling loads, which could result from breakage or other accidents that compromise one area of the vacuum system. In addition, it features audible and visible alarms that warn the operator whenever the vacuum level is not sufficient for lifting the maximum load weight. Complies with CE Standard EN 13155.

DESIGN STANDARDS:

(See www.powrgrip.com for more information.)

ASME B30.20

(BTH-1 Design Category "B", Service Class "0")

CE

AS 4991-2004

Environmental conditions can affect product performance and longevity;
consult the product instructions on www.powrgrip.com or contact a Technical Sales Representative for more information.
Based on product information at time of publication.

WWW.POWRGRIP.COM

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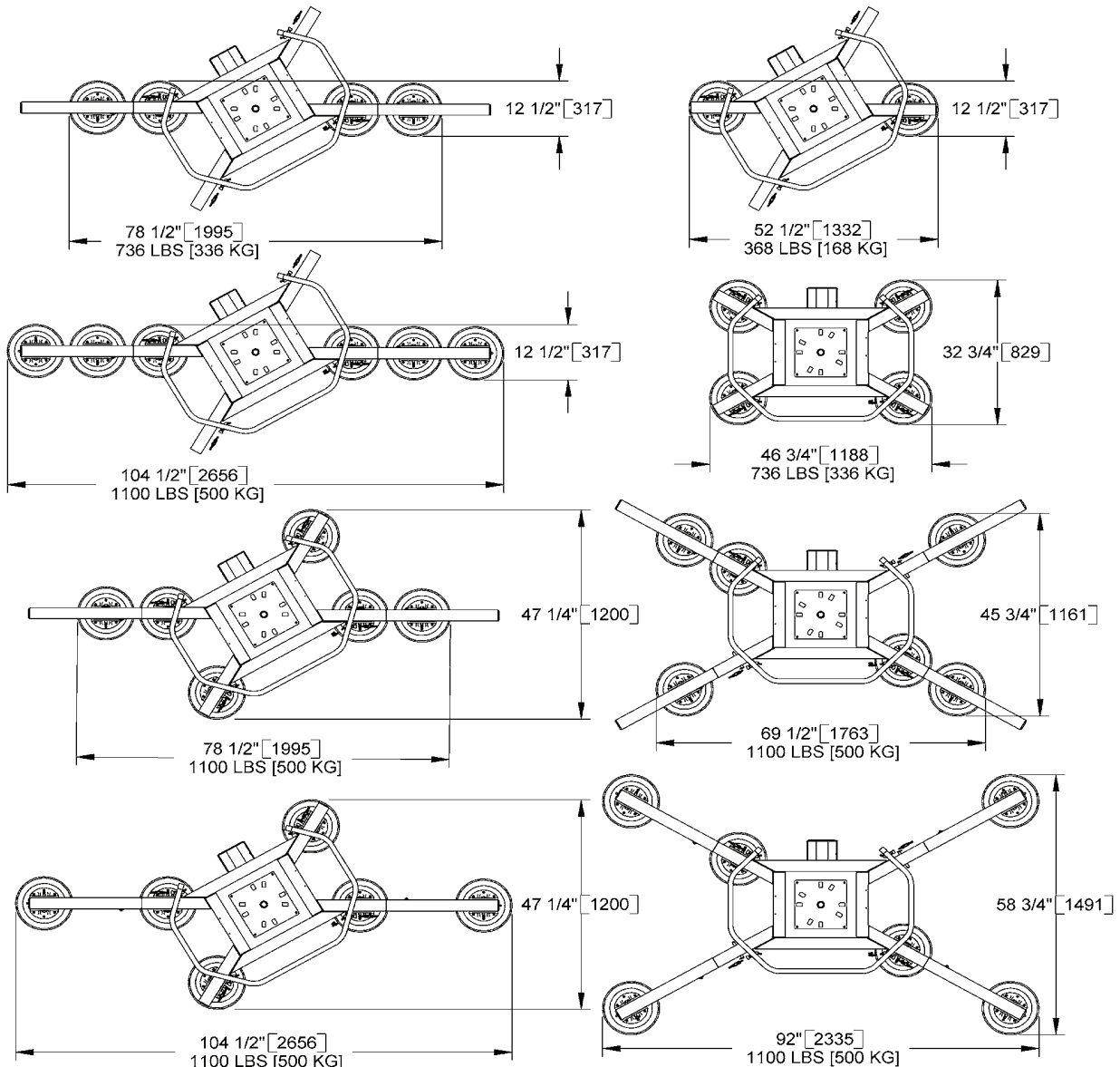
Wood's Powr-Grip products are sold
through authorized dealers.

Products are manufactured under an
ISO 9001 quality management system

Rev. 1.6 / 11-10 Spec. Sheet

8-8 ISO 9001:2008 SGS

FRAME CONFIGURATIONS AND CAPACITIES



Shipping Case for MRT/MRTA Vacuum Lifters

(vacuum lifter and case sold separately)

- Designed specifically for shipping and storing Powr-Grip® MRT4 and MRTA6 Vacuum Lifters.
- Made from 100% recycled HDPE plastic, features twin sheet, thermo-formed construction, making it very durable, as well as water-resistant.
- Special area to house extension arms for these lifters.
- Internal nylon straps to hold the lifter and extension arms firmly in place, preventing them from rattling around while in transit.
- Handles molded into the case enable convenient handling.
- Mounting points inside the lid of the case enable the hanging of up to 4 extra vacuum pads.
- Ribbed exterior of case enables easy stacking of multiple lifters.
- Wheels on one end make short distance movement of the lifter manageable by one individual.
- Grooves on the bottom of the case facilitate forklift handling.

