



# MANUAL ROTATOR/TILTER

MODELS: MRT411LDC & MRT49DC

This medium-duty rotator/tilter adapts to a variety of uses, adding productivity and reliability to construction sites or manufacturing plants.

## WPG Bestseller!

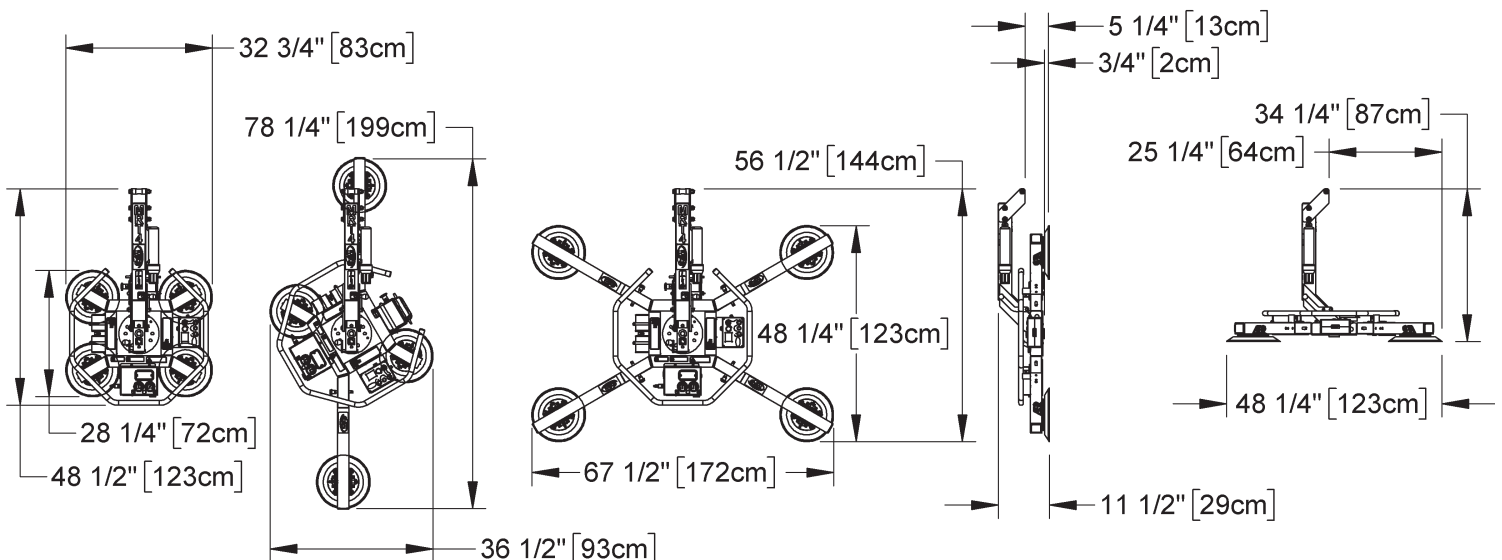
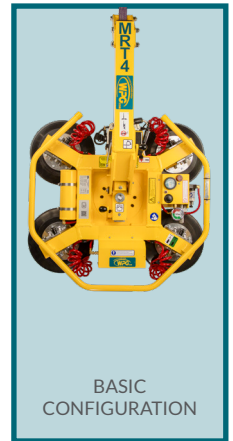
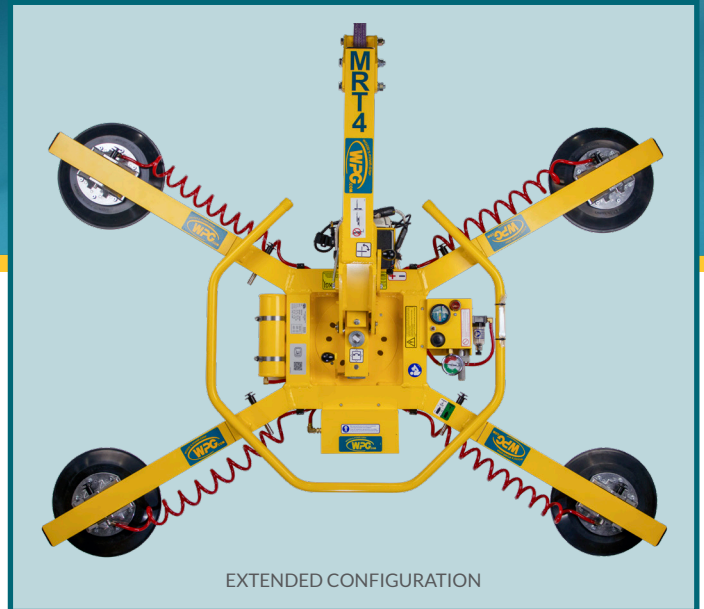
Versatility, reliability and cord-free battery power make this one of WPG's most popular lifters.

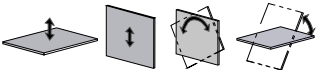
## Multiple Configurations

Adjust the pad frame 7 different ways to get a grip on a wide variety of load sizes and shapes!

## Excellent Range of Motion

With 90° tilt and continuous 360° rotation, this vacuum lifter delivers outstanding capability for load manipulation.



Model	MRT411LDC	MRT49DC
Maximum Load Capacity	700 lbs [320 kg]	500 lbs [225 kg]
Standard Pad Spread	28-1/4" x 32-3/4" [72 cm x 83 cm] (basic configuration) 48-1/4" x 67-1/2" [123 cm x 172 cm] (extended configuration) 78-1/4" x 15-3/4" [199 cm x 40 cm] (linear configuration)	25-1/4" x 30" [64 cm x 76 cm] (basic configuration) 45-1/4" x 64-3/4" [115 cm x 164 cm] (extended configuration) 75-1/4" x 12-3/4" [191 cm x 32 cm] (linear configuration)
Number/Size of Pads	4 / 11" [28 cm] dia. lipped	4 / 9" [23 cm] diameter
Load Movement	Manual rotation, 360° edgewise, with locking Manual tilt, 90° between upright and flat, with automatic latching in upright position 	
Standard Operating Power	12 volts DC, 3.5 amps	
Lifter Weight	135 lbs [62 kg] (Note: does not include weight of any options)	

## STANDARD FEATURES

### Low Vacuum Warning Light

Uses red light to warn operator when vacuum is not sufficient for lifting

### Battery and Charger

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

### Battery Gauge

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

### Vacuum Gauge

Features green and red zones, to clearly indicate whether vacuum level is sufficient for lifting

### Vacuum Line Filter

Protects the vacuum generating system from contaminants

### Vacuum Reserve Tank

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

### Spring-Mounted Vacuum Pads

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

### Movable Pad Mounts

Allow vacuum pads to be moved without tools, adapting the lifter to various load sizes

### Extension Arms

Permit multiple lifter configurations for tool-free adaptation to many different load sizes

## 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)

## AVAILABLE OPTIONS

Note: Specifications may be affected by options. Please contact us for more information.

### Dual Vacuum System (MRT4-DC3)

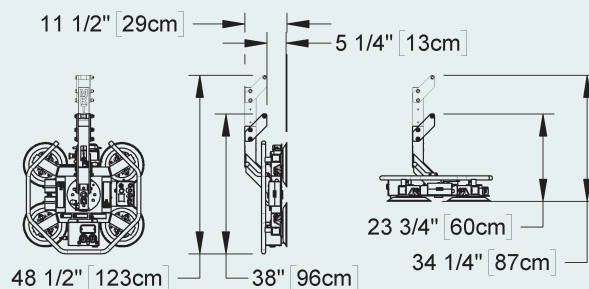
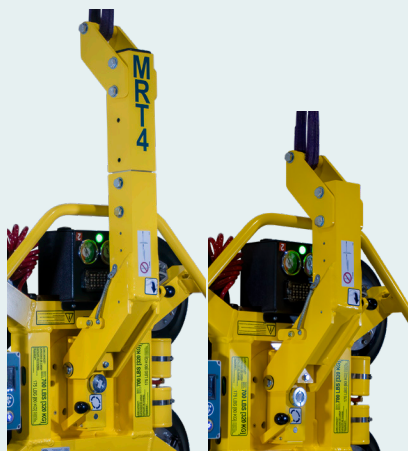
Features two independent air-line circuits to reduce risk of workplace accidents



### Adaptable-Length Lift Bar (95723)

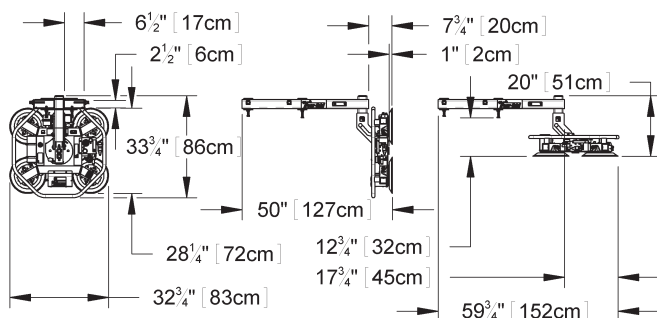
Helps install windows under eaves or overhangs by reducing the overhead clearance requirement

<b>Overhead Clearance Reduction</b>	10-1/2" [27 cm] with short configuration
<b>Lifter Weight Increase</b>	10 lbs [5 kg]



### Forklift Adapter (95722)

Works with telehandlers on construction sites and forklifts in warehouses or wherever a crane is not practical



\* Forklift must have capacity for the weight of the lifter and its maximum load, when the load's center of gravity is:  
8-3/4" [22.2 cm] outward from the fork tips, or;  
50-3/4" [128.9 cm] outward from the fork stops (whichever places the load further from the forklift's front wheels)

<b>Compatible Fork Dimensions</b>	1-1/2" to 2-1/4" [3.9 cm - 5.7 cm] thick and 4" to 6" [10.2 cm - 15.2 cm] wide
<b>Inside Fork Spread</b>	4" [10.2 cm]
<b>Maximum Load Thickness</b>	1" [2.5 cm] at full capacity
<b>Product Weight</b>	150 lbs [68 kg]
<b>Lifter Weight Increase</b>	130 lbs [59 kg]

### Shipping Case (53006)

Provides protection for storing and shipping the lifter

- Thermo-formed polymer makes case durable and water-resistant.
- Interior straps hold lifter firmly in place.
- Exterior straps keep case securely closed.
- Built-in handles facilitate manual handling.
- Case design enables stacking and forklift handling.

Exterior Dimensions: 44-1/4" wide x 67-3/8" long x 24-1/2" deep [112.4 cm x 171.4 cm x 62.2 cm]



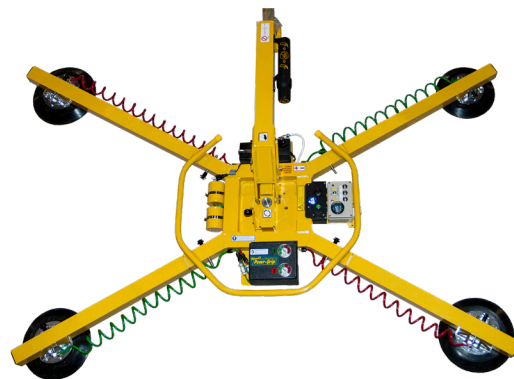
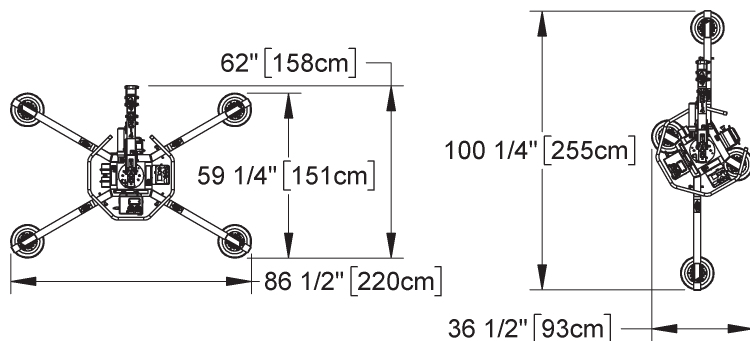
## AVAILABLE OPTIONS

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### Long Extension Arms (95725)

Provide necessary support and rigidity to handle large-dimension loads with less risk to the overhanging portion (sold individually)

<b>Maximum Load Capacity</b>	500 lbs [225 kg] (with long arms installed)
<b>Lifter Weight Increase</b>	10 lbs [5 kg] when 4 Long Extension Arms are used in place of 4 standard Extension Arms

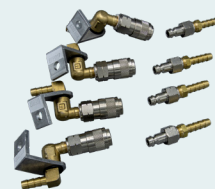


Pad Spread Dimensions provided are for MRT411LDC  
For MRT49DC, subtract 2-3/4" [7 cm]

### Quick Connector Kit (97467)

Provides an efficient, tool-free way to connect or disconnect vacuum pads from the vacuum system for reconfiguring the pad frame

Note: Capacity may be affected by use of this option.



### Alternative Vacuum Pads

Model HV11 vacuum pads (10" [25 cm] diameter, lipped) enable the lifter to handle rough or semiporous, flat loads

Note: Capacity may be affected by use of this option.



### Alternative Pad Compounds

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

Note: Capacity may be affected by use of this option.



### Adjustable Spacers for Movable Pad Mounts (93101 & 93101AM)

Allow lifter to handle windows with mullions or other loads with surface obstructions

Note: Refer to instructions for reduced lifter capacity.



### MRT Dolly (98790)

Allows for easy transport and storage of the lifter

