



Vacuum Equipment for  
**GLASS INSTALLATION**

The Original and  
Trusted Name  
In Vacuum  
Lifting Equipment

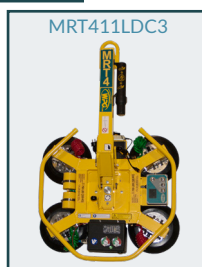


## TYPICAL APPLICATIONS

- Unload trucks and transport glass on job site
- Lift, manipulate and install:
  - Flat or curved glass
  - Pattern and decorative glass
  - Mirrors, shower doors and bath enclosures
  - Windows and patio doors
  - IG units
  - Curtainwall
  - Unitized glazing systems
- Install glass between buildings and scaffolding
- Glaze multi-story buildings
- Install glass under overhangs, eaves or gables
- Install glass in airport control towers
- Perform sloped glazing at any angle
- Install skylights and solar panels
- Work cord-free anywhere on job site with integrated DC power system

## HAND-HELD VACUUM CUPS

- Put a handle where you need it on flat, curved or even pattern glass.
- Install any size window or patio door that can be lifted manually.
- Handle shower doors, bath enclosures and virtually all other nonporous materials.



## BEST-SELLING VACUUM LIFTERS

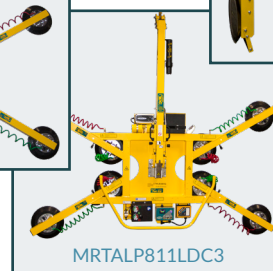
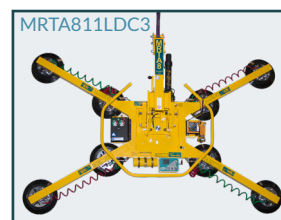
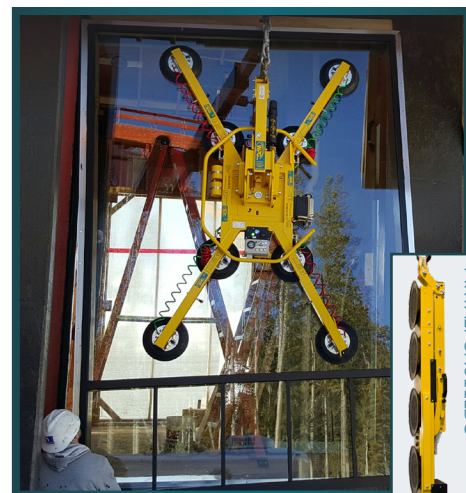
P11104DC3, MRT411LDC3, MR1611LDC\*

- These customer favorites deliver proven performance on the job site.
- Intelli-Grip™ Technology dramatically improves safety and reliability.
- MRT4 and MR16 adapt to a wide variety of glass sizes and shapes.
- Narrow form of P1 enables it to work where other lifters can't.

## QUADRA-TILT™ ROTATORS

MRTA811LDC3, MRTALP811LDC3, MRTALPCH611LDC\*

- Mechanical advantage of tilt linkage significantly reduces operator effort.
- Highly adaptable lift frames handle glass for almost any installation.
- Intelli-Grip™ Technology dramatically improves safety and reliability.
- Low profile of MRTALP fits inside scaffolding or other narrow spaces.



\* Intelli-Grip™ Technology coming soon to MR16 and MRTALPCH6 models!



**ASK US ABOUT  
LEASING  
OPTIONS!**

# LARGE GLASS LIFTERS

MR2411LDC3, MR329DC3, PRT3211LDC3

- As glass sizes continue to increase, these lifters provide your installation solution!
- Lift frame of MR32 adjusts to a wide range of curved glass dimensions.
- MR24 features 4200 lbs (1995 kg) capacity and a remarkably adaptable lift frame.
- PRT32 offers similar benefits, plus effortless powered tilt and rotation of glass.
- Intelli-Grip™ Technology is standard on all models.



## What is Intelli-Grip™ Technology?

Exclusively from Wood's Powr-Grip®, our proprietary software continuously monitors vacuum and power systems, taking action as needed to help bring workers home safe!

- LCD screen displays critical information to operator at a glance.
- Automated safety features proactively protect people and loads.
- User-friendly command prompts reduce human error.
- Diagnostic codes help keep lifter in ideal working condition.



## OPTIONS

### Counter-Balancers

Do you need to install glass under gables, overhangs or similar obstructions? Specially designed Counter-Balancers are available for many WPG lifters to provide your solution.

### Radio Remote Control

All Intelli-Grip™ equipped products and many other WPG lifters are remote-ready: This "plug-and-play" option enables you to install glass in multi-story buildings, airport control towers and similar high-rise structures.

### Forklift Adapters

Combined with an MRT4 or MRTA8 vacuum lifter, a Forklift Adapter uses your telehandler or boom forklift to install windows and IG units on construction sites. This eliminates the need for an on-site crane, while also enabling installations under gables, eaves and overhangs.

### Shipping Cases

Durable polymer cases protect your P1, MRT4 or MRTA8 vacuum lifter during shipping and storage.

- 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.



CB4DC Counter-Balancer



Radio Remote Control



MRT4 Forklift Adapter



P1 Shipping Case



MRTA8 Shipping Case



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www.WPG.com

Since 1964, Wood's Powr-Grip® has designed and manufactured vacuum lifters for ease of use, reliability, and safety.

We offer a full line of standard equipment to meet a variety of tasks. We also custom-build lifters for virtually any job requirement.



**THE ORIGINAL AND TRUSTED NAME  
IN GLASS HANDLING TOOLS AND EQUIPMENT**



# GUIDE TO POPULAR GLASS INSTALLATION MODELS

Type	Glass Movement	Model	Description	Maximum Load Capacity	Maximum Pad Spread	Special Features
<b>VERTICAL LIFTERS</b> 	Lifting & Transport	LL185	Ladder Lift	185 lbs (85 kg)	8" x 41½" (20 x 105 cm)	Portable For any ANSI Type IAA Ladder
		VL411LDC	Vertical Lifter 700	700 lbs (320 kg)	23½" x 58" (60 x 147 cm)	Compact Lift Frame Available Dual Vacuum System
		VLGG1011LDC	Gentle Giant 1800	1800 lbs (815 kg)	53¾" x 120" (136 x 305 cm)	Oversized Lift Frame
		VLGG1211LDC	Gentle Giant 2100	2100 lbs (955 kg)	53¾" x 120" (136 x 305 cm)	Oversized Lift Frame
<b>ROTATORS</b> 	360° Rotation	MR1611LDC*	Manual Rotator 2800	2800 lbs (1270 kg)	49" x 169" (125 x 430 cm)	Highly Adaptable Lift Frame Available Dual Vacuum System
		MR329DC3	Manual Rotator 3600	3600 lbs (1630 kg)	39¾" x 164" (101 x 416 cm)	<b>Intelli-Grip™ Technology</b> Curved Glass Lift Frame
		MR2411LDC3	Manual Rotator 4200	4200 lbs (1905 kg)	49" x 287" (125 x 729 cm)	<b>Intelli-Grip™ Technology</b> Highly Adaptable Lift Frame
	Powered 360° Rotation	PR2811LDC	Power Rotator 3400	3400 lbs (1540 kg)	112¾" x 286¼" (286 x 727 cm)	Effortless Powered Rotation Highly Adaptable Lift Frame
<b>TILTERS</b> 	90° Tilt	MT1HV11DC	Manual Tilter 150	150 lbs (70 kg)	11" (28 cm)	Compact Lift Frame
		MT2HV11DC	Manual Tilter 300	300 lbs (135 kg)	11" x 23½" (28 x 60 cm)	Compact Lift Frame Available Dual Vacuum System
<b>ROTATOR-TILTERS</b> 	180° Rotation & 90° Tilt	P11104DC3	Channel Lifter 700	700 lbs (320 kg)	51" x 12" (130 x 30 cm)	<b>Intelli-Grip™ Technology</b> Narrow Size Lift Frame
	360° Rotation & 90° Tilt	MRT411LDC3	Manual Rotator-Tilter 700	700 lbs (320 kg)	48¼" x 67½" (123 x 172 cm)	<b>Intelli-Grip™ Technology</b> Highly Adaptable Lift Frame
	180° Rotation & Assisted 90° Tilt	MRTALPCH611LDC*	Low-Profile Manual Rotator-Tilter 1100 with Pad Channel	1100 lbs (500 kg)	79¼" x 12" (201 x 30 cm)	Mechanically Assisted Tilt Linkage Narrow Size Lift Frame
		MRTALP811LDC3	Low-Profile Manual Rotator-Tilter 1100	1100 lbs (500 kg)	52¾" x 92½" (134 x 235 cm)	<b>Intelli-Grip™ Technology</b> Mechanically Assisted Tilt Linkage
	360° Rotation & Assisted 90° Tilt	MRTA811LDC3	Quadra-Tilt Rotator 1400	1400 lbs (635 kg)	58¾" x 92¼" (149 x 234 cm)	Highly Adaptable Lift Frame
	360° Rotation & Powered 90° Tilt	MRPT89DC	Manual Rotator/Power Tilter 1000	1000 lbs (455 kg)	29¼" x 59¼" (74 x 150 cm)	Effortless Powered Tilt
		MRPT1211LDC	Manual Rotator/Power Tilter 2000	2000 lbs (905 kg)	40" x 93" (102 x 236 cm)	Effortless Powered Tilt Oversized Lift Frame
	Powered 360° Rotation & Powered 90° Tilt	PRT3211LDC3	Power Rotator/Tilter 4400	4400 lbs (1995 kg)	73¼" x 197" (186 x 501 cm)	<b>Intelli-Grip™ Technology</b> Effortless Powered Tilt & Powered Rotation Highly Adaptable Lift Frame



# VACUUM LIFTER SELECTION WORKSHEET

HAVE YOU DISCUSSED THIS REQUEST WITH A WPG SALES REPRESENTATIVE?  YES  NO

## CONTACT INFORMATION

Company Name: \_\_\_\_\_

Phone: \_\_\_\_\_ ext: \_\_\_\_\_

Your Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

## MATERIAL

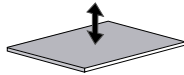
Typical Size: length: \_\_\_\_\_ width: \_\_\_\_\_ thickness: \_\_\_\_\_ weight: \_\_\_\_\_ lbs. \_\_\_\_\_ kg.

Minimum Size: length: \_\_\_\_\_ width: \_\_\_\_\_ thickness: \_\_\_\_\_ weight: \_\_\_\_\_ lbs. \_\_\_\_\_ kg.

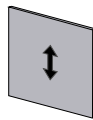
Maximum Size: length: \_\_\_\_\_ width: \_\_\_\_\_ thickness: \_\_\_\_\_ weight: \_\_\_\_\_ lbs. \_\_\_\_\_ kg.

## LOAD MANIPULATION

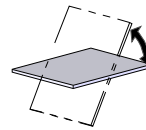
Flat Only



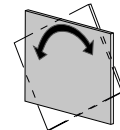
Upright Only



Tilt  
 Manual Tilt  
 Power Tilt



Rotate  
 Manual Rotate  
 Power Rotate



## CURVED OR BENT MATERIAL SPECIFICATIONS

(Measurements taken from the  Concave or  Convex surface. Please note which side the measurements are taken from.)

### CURVATURE

Radius: \_\_\_\_\_ in/mm

### WIDTH

Cord: \_\_\_\_\_ in/mm - or -

Arc Length (girth): \_\_\_\_\_ in/mm - or -

Arc Height: \_\_\_\_\_ in/mm

Arc Angle: \_\_\_\_\_ deg

### LENGTH

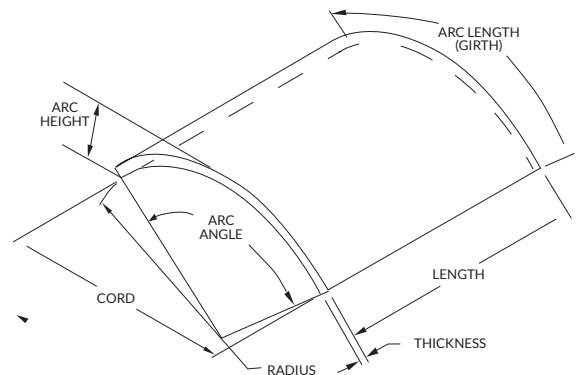
Length: \_\_\_\_\_ in/mm

### THICKNESS (thickness of individual panes and of air gap, if applicable)

Material Thickness: \_\_\_\_\_ in/mm

Air Gap Thickness: \_\_\_\_\_ in/mm

Total Thickness: \_\_\_\_\_ in/mm



## ADDITIONAL CONSIDERATIONS

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