

## CHANNEL LIFTERS P1 PREMIUM EDITION

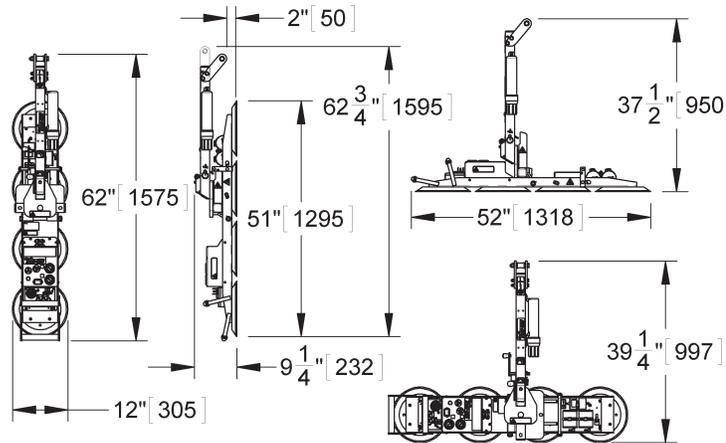
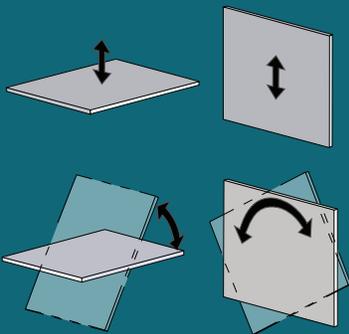
THE BEST JUST GOT BETTER!

In addition to 180° rotation and 90° tilt motion, the Premium Edition of Powr-Grip's® popular P1 Channel Lifter features a dual vacuum system and power loss warning buzzer for added safety, a high-flow vacuum pump and blow-off for greater productivity, and reduced power consumption for extended time on the jobsite.

**P11104DC2**  
(For flat materials)  
**700 lbs [320 kg]**

**P11004DC2**  
(For curved materials)  
**600 lbs [270 kg]**

**P1HV1104DC2**  
(For rough materials)  
**600 lbs [270 kg]**



Premium P11104DC2 Channel Lifter shown with optional Remote Control System.

This lifter's Dual Vacuum System (DVS) features two completely independent vacuum circuits, allowing the vacuum lifter to maintain the vacuum level for one circuit even if an unexpected vacuum loss occurs in the other one. DVS is designed to reduce the risk of falling loads, which could otherwise result from material breakage or accidents that compromise one area of the vacuum system. In addition, DVS features audible and visible alarms that warn the operator whenever the vacuum level is not sufficient for lifting the maximum load weight. Originally designed to comply with CE Standard EN 13155, this system provides additional security in any setting.

|   |   |
|---|---|
| Standard Pad Spread:  | P11104DC2: 51" x 12" [1295 x 305 mm]<br>P11004DC2: 49" x 10" [1245 x 254 mm]<br>P1HV1104DC2: 50" x 11" [1270 x 280 mm]  |
| Number / Size of Pads:  | P11104DC2: 4 / 11" [28 cm] diameter, lipped vacuum pads (for flat materials)<br>P11004DC2: 4 / 10" [25 cm] diameter, concave vacuum pads (for curved materials)<br>P1HV1104DC2: 4 / 10" [25 cm] diameter, lipped vacuum pads (for rough materials)  |
| Load Capacity:<br>(On smooth, nonporous surfaces. Please contact us for recommendations on other surfaces.) | P11104DC2: 700 lbs [320 kg]<br>P11004DC2: 600 lbs [270 kg] (Capacity is reduced on curved surfaces. Please contact us for capacity on curved surfaces.)<br>P1HV1104DC2: 600 lbs [270 kg]  |
| Average Unit Weight:  | 85 lbs [39 kg]  |
| Standard Operating Power:   | 12 volts DC, 4.5 amps (for each Pad Channel)  |
| Load Movement:  | Manual rotation, 180° edgewise, with locking in three positions.<br>Manual tilt, 90° between upright and flat, with automatic latching in upright position. (Units can be tilted ONLY when the lift bar is locked in the center position, as shown on drawings.)  |
| Standard Features:  | Adjustable-position lift spool<br>Dual vacuum system<br>High-flow vacuum pump<br>On-board battery and charger<br>Battery energy gauge<br>Low vacuum warning buzzer<br>Power loss warning buzzer<br>Green lift light<br>Vacuum gauges<br>Vacuum line filters<br>Vacuum reserve tanks<br>Blow-off for quick release |



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

Environmental conditions can affect product performance and longevity; consult the product instructions on [www.WPG.com](http://www.WPG.com) or contact a Technical Sales Representative for more information. Based on product information at time of publication.

|  |   |
|--|---|
| Available Options:   | Movable control pendant (EO9RP)<br>Remote control system (EO8RC1)<br>Closed cell foam pad rings (FRHV11)<br>(Available on P1HV1104 lifters only)<br>Shipping case (53005)<br>Counterbalance Lifter (CB2DCS) |
| Design Standards:<br>(See www.WPG.com for more information.) | ASME B30.20 - 2006<br>(BTH-1 Design Category "B", Service Class "0")<br>CE<br>AS 4991 - 2004  |

Channel Lifters are comprised of one or more Pad Channels, for gripping loads, plus interchangeable Lift Frames, for rotating and tilting materials. These vacuum lifters may be ordered as complete units or as individual components to expand existing Channel Lifter systems. Lift Frames are available in single-channel or double-channel styles. Pad Channels can be switched from one frame to another in minutes.

## COMPONENTS

### PAD CHANNELS

Each DVS channel features an on-board vacuum generating system, including vacuum controls and all standard features listed above.

**PC1104DC2:** (for flat materials) 4 / 11" [28 cm] diameter, lipped vacuum pads

**PC1004DC2:** (for curved materials) 4 / 10" [25 cm] diameter, concave vacuum pads

**PCHV1104DC2:** (for rough materials) 4 / 10" [25 cm] diameter, lipped vacuum pads

### LIFT FRAMES

**PCFT1A1:** For one Pad Channel

**PCFT2SA45:** For two Pad Channels, approx. 4½' [1.38 m] pad spread

**PCFT2SA7:** For two Pad Channels, approx. 7' [2.14 m] pad spread

### INTERCHANGEABLE ARMS

(Pad spread can be changed if optional arms are purchased)

**FA245:** Optional arms convert PCFT2SA7 Lift Frame to PCFT2SA45 Lift Frame

**FA27:** Optional arms convert PCFT2SA45 Lift Frame to PCFT2SA7 Lift Frame



## SHIPPING CASE FOR P1 VACUUM LIFTERS

(vacuum lifter and case sold separately)

Designed specifically for shipping and storing Powr-Grip® P11104, P11004 and P1HV1104 Vacuum Lifters.

Durable thermo-formed ABS construction.

Three straps on inside of case hold vacuum lifter firmly in place.

Eight plastic buckles attached to nylon straps hold case in closed position.

Handles molded into the case structure enable convenient handling.

Ribbed exterior of case enables easy stacking of multiple lifters.

Case design incorporates grooves on the bottom to facilitate forklift handling.