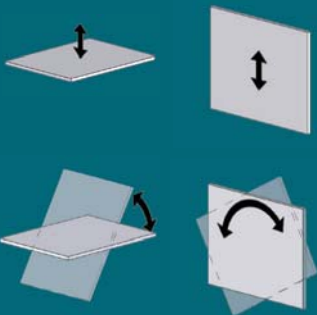


**P11104DC**  
(For flat materials)  
**700 lbs [320 kg]**

**P11004DC**  
(For curved materials)  
**600 lbs [270 kg]**

**P1HV1104DC**  
(For rough materials)  
**600 lbs [270 kg]**



**THE ORIGINAL  
& TRUSTED NAME  
IN VACUUM LIFTING  
EQUIPMENT**

**Wood's Powr-Grip Co., Inc.**  
908 West Main - P.O. Box 368  
Laurel, Montana 59044 U.S.A.  
406.628.8231 (phone)  
406.628.8354 (fax)

**800.548.7341**  
**www.powrgrip.com**



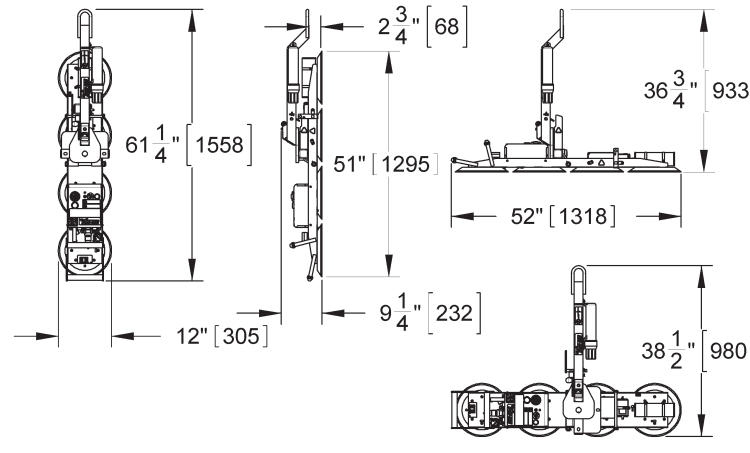
Products are manufactured under an  
ISO 9001 quality management system

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

Rev. 1.3/ 02-12 Spec. Sheet **4-1**

## CHANNEL LIFTERS - P1

In addition to a modular design, these Powr-Grip® vacuum lifters provide 180° rotation and 90° tilt, for expandability and a full range of load motion at the installation site or on the shop floor.



Standard Pad Spread:	P11104DC: 51" x 12" [1295 x 305 mm] P11004DC: 49" x 10" [1245 x 254 mm] P1HV1104DC: 50" x 11" [1270 x 280 mm]
Number / Size of Pads:	P11104DC: 4 / 11" [28 cm] dia. lipped P11004DC: 4 / 10" [25 cm] dia. concave P1HV1104DC: 4 / 10" [25 cm] dia. lipped
Load Capacity: (On smooth, nonporous surfaces. Please contact us for recommendations on other surfaces.)	P11104DC: 700 lbs [320 kg] P11004DC: 600 lbs [270 kg] (Capacity is reduced on curved surfaces. Please contact us for capacity on curved surfaces.) P1HV1104DC: 600 lbs [270 kg]
Average Unit Weight:	70 lbs [32 kg]
Standard Operating Power:	12 volts DC, 10 amps (for each Pad Channel)
Load Movement:	Manual rotation, 180° edgewise, with locking in three positions. 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:	On-board battery and charger Battery energy gauge Low vacuum warning light Vacuum gauge Vacuum line filter Vacuum reserve tank
Alternative Power Systems:	Air (venturi) power system (P11104AIRS, P11004AIRS or P1HV1104AIRS) AC power system (P11104AC, P11004AC or P1HV1104AC) (Specifications may not be as listed above. Please contact us for more information.)
Available Options:	Remote control system (EO8RC1) Movable control pendant (EO9RP) Dual vacuum system (EO10DVS) Individual pad shutoffs (CM1COWB) Closed cell foam pad rings (FRHV11) (Available on P1HV1104 units only) ABS shipping case (53005) (see page 2 for more information)

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.

Design Standards:  
(See [www.powrgrip.com](http://www.powrgrip.com) for more  
information.)

ASME B30.20 - 2006  
(BTH-1 Design Category "B", Service Class "0")  
CE  
AS 4991 - 2004

## COMPONENTS

### PAD CHANNELS

Each channel features an independent, on-board vacuum generating system, including vacuum pump, vacuum controls and standard features as listed on page 1.

**PC1104:** (for flat materials) 4 / 11" [28 cm] dia. lipped pads

**PC1004:** (for curved materials) 4 / 10" [25 cm] dia. concave pads

**PCHV1104:** (for rough materials) 4 / 10" [25 cm] dia. lipped 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.