



CHANNEL LIFTERS: THE MODULAR VACUUM-HANDLING SYSTEM

Delivering reliable, cord-free operation on the job site or in the plant

Channel Lifters are comprised of one or more pad channels and interchangeable lift frames for manually rotating and tilting materials. They 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.

Channel Lifters offer manual rotation, 180° edgewise with locking in three positions, and manual tilt, 90° between upright and flat, with automatic latching in the upright position. (Units can be tilted ONLY when the lift bar is locked in the center position, as shown on drawings.)

COMPLETE UNITS

Model	Description	Load Capacity*	Unit Weight
For flat materials:			
P11104DC	One PC1104 channel and PCFT1A1 frame	700 lbs. [320 kg.]	70 lbs. [32 kg.]
P2110445DC	Two PC1104 channels and PCFT2SA45 frame	1,400 lbs. [635 kg.]	167 lbs. [76 kg.]
P211047DC	Two PC1104 channels and PCFT2SA7 frame	1,400 lbs. [635 kg.]	180 lbs. [82 kg.]
For rough materials:			
P1HV1104DC	One PCHV1104 channel and PCFT1A1 frame	600 lbs. [270 kg.]	74 lbs. [34 kg.]
P2HV110445DC	Two PCHV1104 channels and PCFT2SA45 frame	1,200 lbs. [545 kg.]	175 lbs. [80 kg.]
P2HV11047DC	Two PCHV1104 channels and PCFT2SA7 frame	1,200 lbs. [545 kg.]	188 lbs. [86 kg.]
For curved materials:			
P11004DC	One PC1004 channel and PCFT1A1 frame	600 lbs. [270 kg.]	65 lbs. [30 kg.]

* All Load Capacities are rated on smooth, nonporous, flat surfaces.

Please contact us to determine the appropriate load capacity when used on other surfaces.

COMPONENTS

PAD CHANNELS

Mounted on board each pad channel are: diaphragm-type 12-volt/DC, 10-amp. vacuum pump, battery, charger, battery energy gauge, vacuum controls, vacuum gauge, low vacuum warning light, vacuum line filter and vacuum reserve tank.

PC1104	For flat materials, four 11" [280 mm] diameter, lipped, rubber pads are mounted in line on a steel channel.
PC1004	For curved materials, four 10" [254 mm] diameter, concave, rubber pads are mounted in line on a steel channel.
PCHV1104	For rough surfaces, four 10" [254 mm] diameter, lipped, rubber pads are mounted in line on a steel channel.

LIFT FRAMES

PCFT1A1	For one pad channel.
PCFT2SA45	For two pad channels, yielding approx. 4½' [1,38 m] pad spread
PCFT2SA7	For two pad channels, yielding approx. 7' [2,14 m] pad spread

INTERCHANGEABLE ARMS

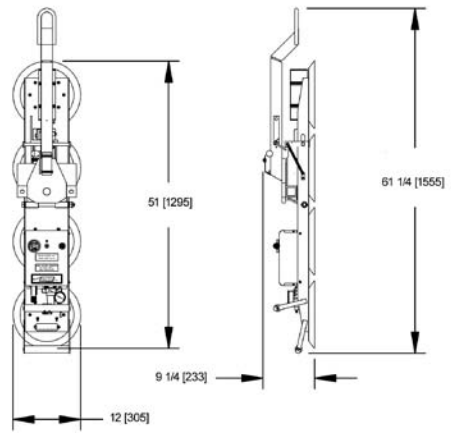
Pad spread can be changed if optional arms are purchased.

FA245	Optional arms convert PCFT2SA7 lift frame to PCFT2SA45.
FA27	Optional arms convert PCFT2SA45 lift frame to PCFT2SA7.

AVAILABLE OPTIONS

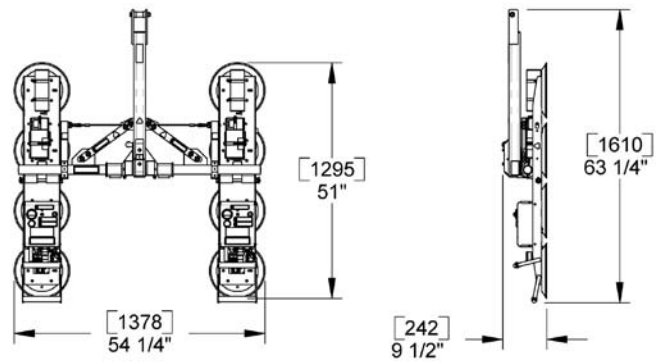
EO10DVS	Dual vacuum system
EO9RP	Removable control pendant
EO8RC	Remote control system
CM1COWB	Individual pad shutoffs
FRHV11	Closed cell foam pad ring (Available on PCHV1104 channels only)
	AC power system (Specifications may not be as listed above. Please contact us for more information.)

P11104DC*



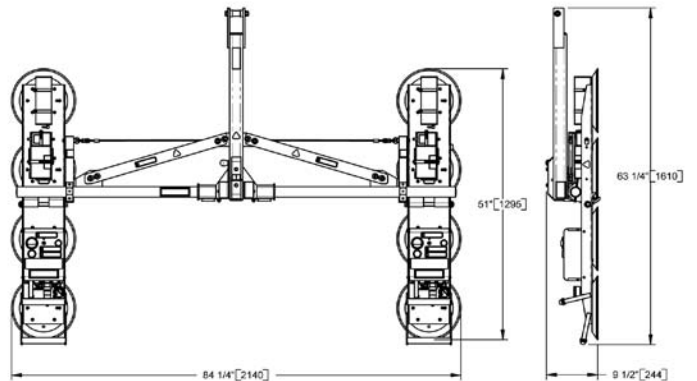
* Subtract 1" [25 mm] from pad spread dimensions for P1HV1104 units
 Subtract 2" [50 mm] from pad spread dimensions for P11004 units

P2110445DC*



* Subtract 1" [25 mm] from pad spread dimensions for P2HV110445 units

P211047DC*



* Subtract 1" [25 mm] from pad spread dimensions for P2HV11047 units



Based on product information at time of publication.

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Products are manufactured under
an ISO 9001 quality management system