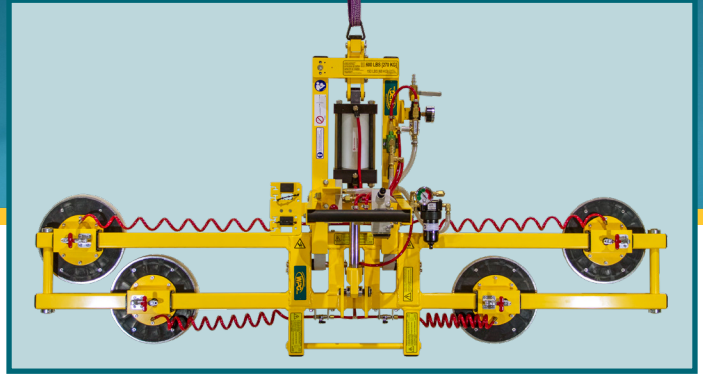




POWER TILTERS 500 & 600

MODELS: PT410TAIR & PT410CAC

Use these highly versatile vacuum lifters to handle stone and other dense materials, or to remove and install windshields.



90° Effortless Tilting

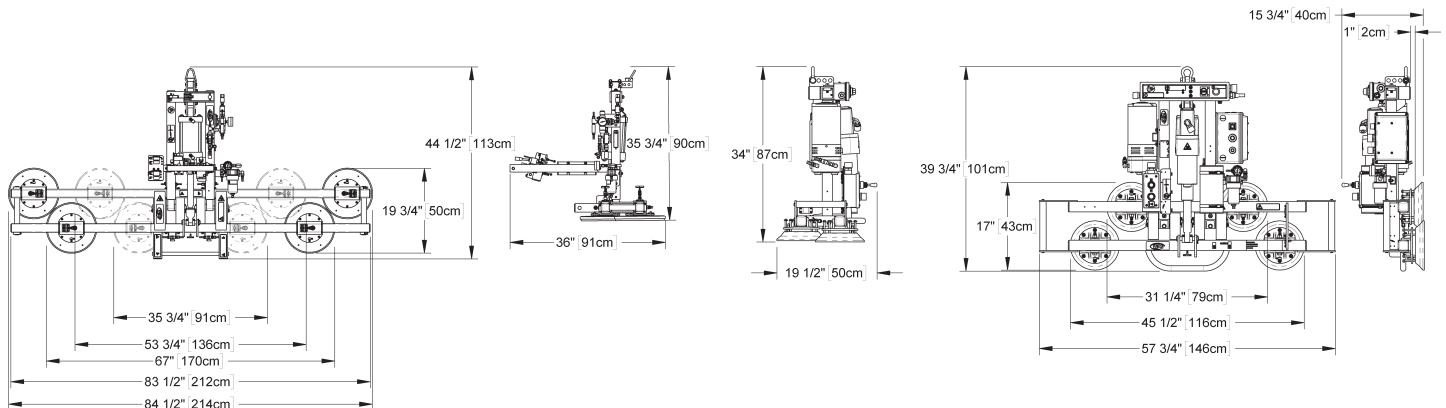
A tilt actuator does the hard work of moving a load from flat to upright and back again, maximizing efficiency and productivity.

Adjustable Lift Point

Changes the lifter's hang angle for more precise load positioning.

Multiple Pad Frame Configurations

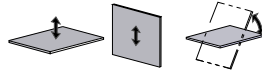
Looking to get a grip on curved surfaces? Need to adjust the pad spread for wider or narrower loads? WPG has the choices you need to match the job.



PT410TAIR (97090) WITH STANDARD PAD FRAME

PT410CAC (97075) WITH STANDARD PAD FRAME



Model	PT410TAIR (97090)	PT410CAC (97075)
Maximum Load Capacity	600 lbs [270 kg]	500 lbs [225 kg]
Standard Pad Spread	Minimum Length: 53-3/4" [137 cm] Maximum Length: 84-1/2" [215 cm] Width: 19-3/4" [50 cm]	17" x 45-1/2" [43 cm x 116 cm]
Number/Size of Pads	4 / 10" [25 cm] diameter with replaceable sealing rings	4 / 10" [25 cm] diameter concave
Lifter Weight	150 lbs [68 kg]	165 lbs [75 kg]
Standard Operating Power	Compressed Air, 8SCFM [226 liters/minute] @ 80 psi [550 kPa]	120 volts AC, 60 hertz, 10 amps
Attach/ Release	6 seconds/ 3 seconds (approximately)	10 seconds/ 6 seconds (approximately)
Time to Achieve 90° Tilt	8 seconds (approximately)	7 seconds (approximately)
Tilt Duty	Continuous	81 tilts per hour
Load Movement	Power tilt, 90° between upright and flat	

STANDARD FEATURES

Multi-Position Lift Shackle

Provides four different lift points to optimize the lifter's hang angle, making repetitive material placement quicker and easier

Movable Control Pendant

Enables operator to control lifter functions at a safe distance from loads in motion (PT410CAC only)

Green Lift Light

Provides visual assurance to know when vacuum is sufficient for lifting (PT410CAC only)

Vacuum Gauge

Features green and red zones to clearly indicate whether vacuum levels are sufficient for lifting

Vacuum Line Filter

Protects the vacuum generating system from contaminants

Vacuum Reserve Tank

Reduces attachment time and extends time for supporting loads during a power outage

Spring-Mounted Vacuum Pads

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

Twist-Lock Electrical Plug

Provides a secure connection to the AC power source, to prevent accidental disconnection (PT410CAC only)

Blow-Off Release

Reverses airflow to quickly release loads without after-stick

AVAILABLE OPTIONS

Vacuum Loss Warning Buzzer (93780BM)

Uses advanced logic circuitry to monitor vacuum level and sound an alarm only when insufficient vacuum could be hazardous

Individual Pad Shutoffs (93011)

Enable lifter to handle various load sizes and shapes by shutting off airflow from specific vacuum pads (standard on Sliding Adjustable Pad Frame and Curved Surface Adjustable Pad Frame)

Voltage Adaptation (93032 & 93032AM)

Enables lifters to operate using AC voltages best suited to specific uses and geographical areas (PT410CAC only)

Sliding Adjustable Pad Mounts

Accommodate various load sizes by sliding to different locations on the pad frame, with infinitely variable positioning (Sliding Adjustable Pad Frame only)

AVAILABLE OPTIONS

Alternative Pad Compounds

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

Alternative Pad Frames

Enable lifter to handle additional load sizes and shapes (reference illustrations below)

Custom Pad Frame Sizes and Capacities

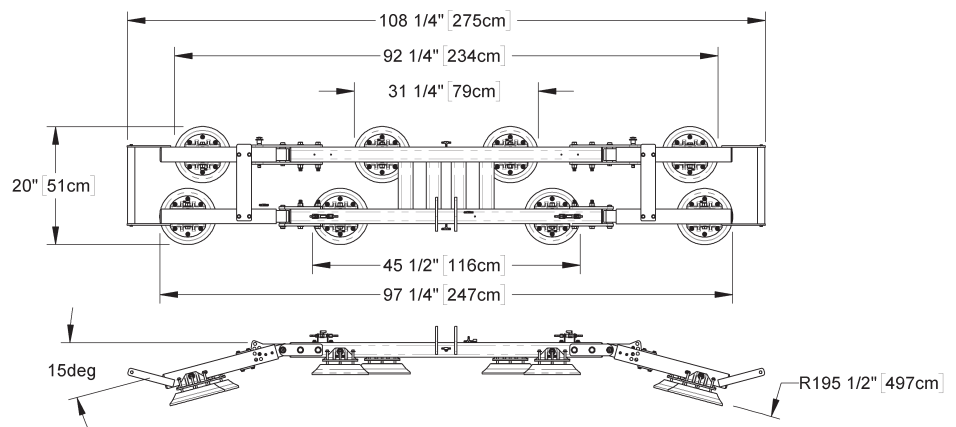
Accommodate customers' specific load weight and dimension requirements

DESIGN STANDARDS

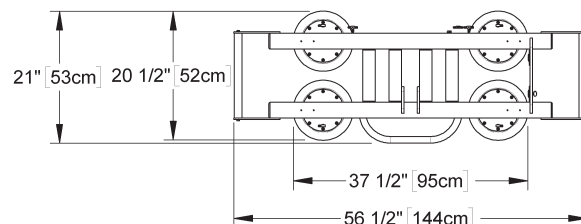
ASME B30.20 (BTH-1 Design Category "B", Service Class "0"): Industry standards established by the American Society of Mechanical Engineers (ASME) and published by the American National Standards Institute (ANSI)

ALTERNATE PAD FRAMES

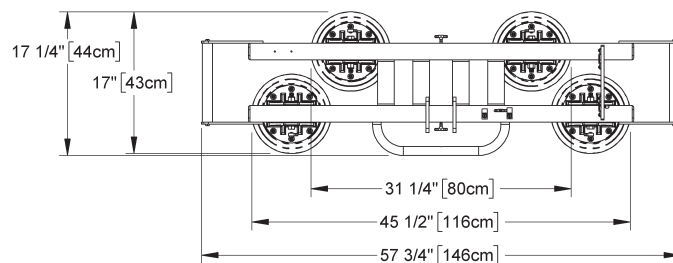
Curved Surface
Adjustable Pad Frame



Compact Fixed
Pad Frame



Curved Surface Pad Frame
(standard on PT410CAC)



Sliding Adjustable Pad Frame
(standard on PT410TAIR)

