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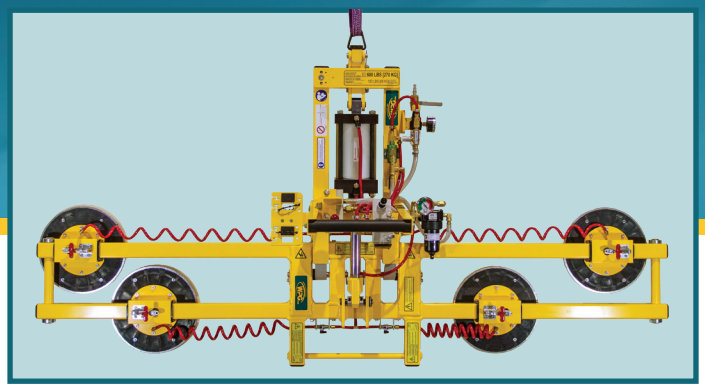
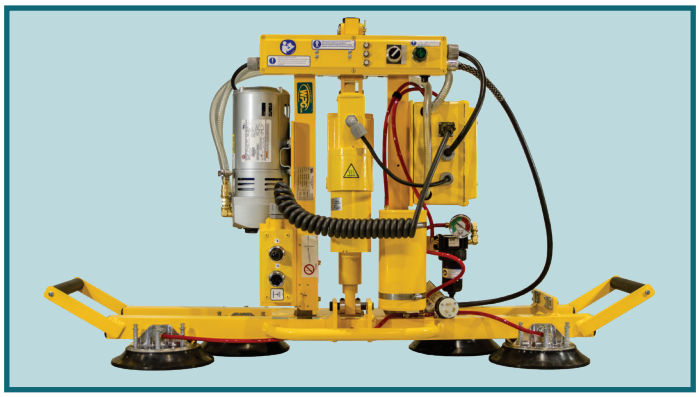




# POWER TILTERS 500 & 600

## MODELS: PT410TAIR & PT410AC

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

### 90° Effortless Tilting

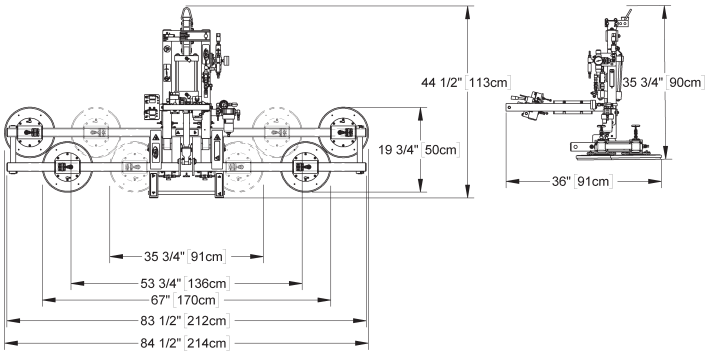
A tilt actuator does the hard work of moving a load from flat to upright and back again, maximizing efficiency and productivity.

### Adjustable Lift Point

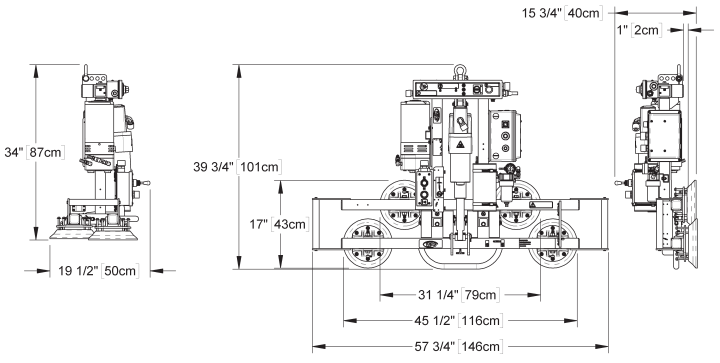
Changes the lifter's hang angle for more precise load positioning.

### 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.

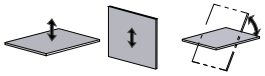



PT410TAIR (97090) WITH STANDARD PAD FRAME




PT410AC (97075) WITH STANDARD PAD FRAME

908 West Main Street | P.O. Box 368 | Laurel, Montana 59044 U.S.A.| 800.548.7341 (toll-free) | 406.628.8231 (phone) | 406.628.8354 (fax)

| | | |
|---|---|---|
| **Model** | PT410TAIR (97090) | PT410AC (97075) |
| **Maximum Load Capacity** | 600 lbs [270 kg] | 500 lbs [225 kg] |
| **Standard Pad Spread** | Minimum Length: 53-3/4" [137 cm]<br>Maximum Length: 84-1/2" [215 cm]<br>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<br>[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 (PT410AC only)

### Green Lift Light
Provides visual assurance to know when vacuum is sufficient for lifting (PT410AC 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 (PT410AC 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 (PT410AC 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)

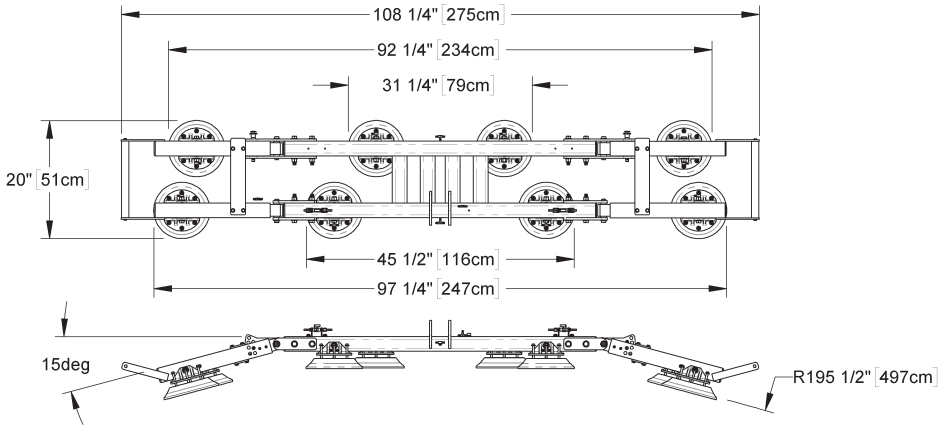
### Custom Pad Frame Sizes and Capacities
Accommodate customers' specific load weight and dimension requirements

## DESIGN STANDARDS

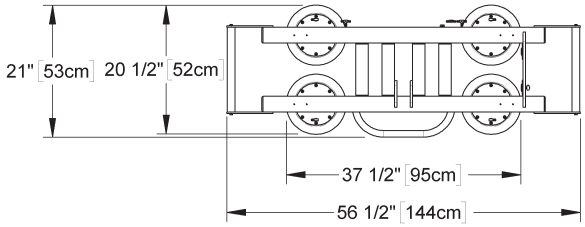
**ASME B30.20 (BTH-1 Design Category "B", Service Class "0")**: Industry standards established by the American Society of Mechanical Engineers (ASME) and published by the American National Standards Institute (ANSI)

# ALTERNATE PAD FRAMES

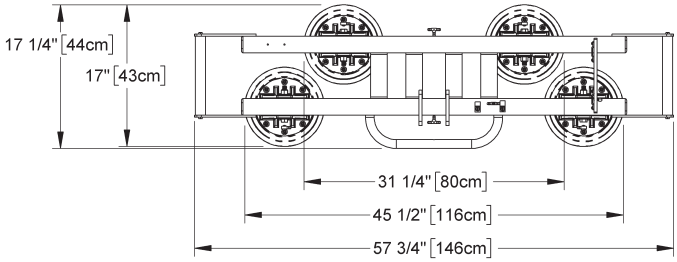
Curved Surface Adjustable Pad Frame



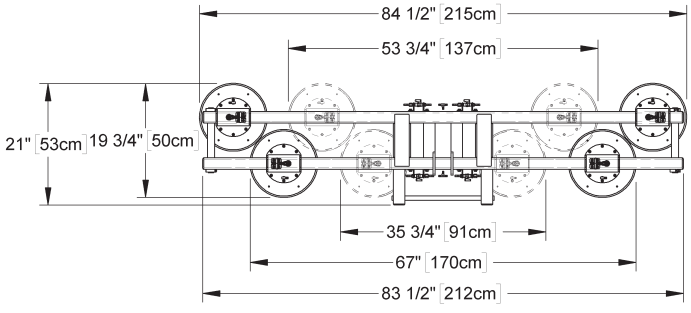

Compact Fixed Pad Frame




Curved Surface Pad Frame (standard on PT410AC)




Sliding Adjustable Pad Frame (standard on PT410TAIR)

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