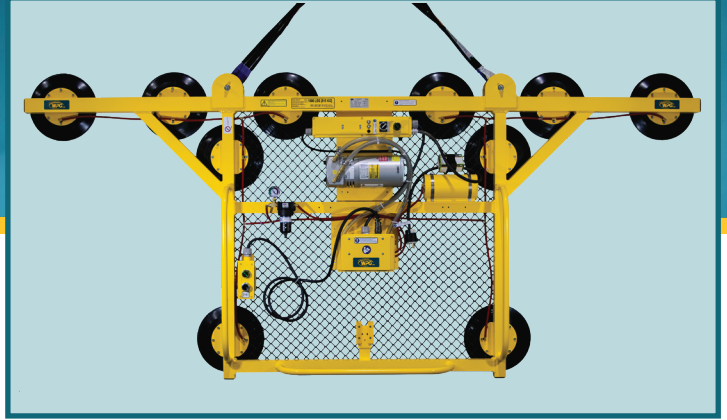




# VERTICAL LIFT GENTLE GIANTS™ 1200 & 1800

MODELS: VLGG109AC & VLGG1011LAC  
VLGG109DC & VLGG1011LDC

The T-shaped frames of these Powr-Grip® vacuum lifters are designed to produce optimum support and prevent damage when handling enormous sheet materials in the upright orientation.



## High-Capacity Design

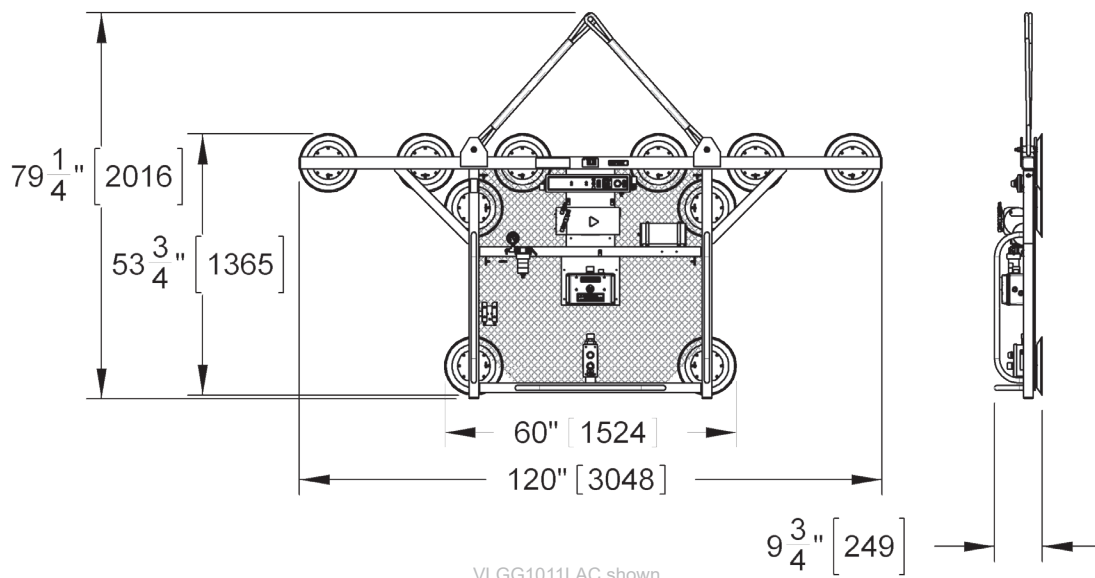
Makes these lifters ideal for handling heavy materials in production/fabrication facilities.



## Operator Protection Mesh

Offers extra layer of safety with industrial-grade design and materials.

## Movable Control Pendant

Enables the operator to stay clear of the lifter while handling a load.



	AC		DC	
Models	VLGG109AC	VLGG1011LAC	VLGG109DC	VLGG1011LDC
Maximum Load Capacity	1,200 lbs [545 kg]	1,800 lbs [815 kg]	1,200 lbs [545 kg]	1,800 lbs [815 kg]
Attach / Release Times	5 seconds / 4 seconds (approximately)	7 seconds / 5 seconds (approximately)	6 seconds / 5 seconds (approximately)	8 seconds / 6 seconds (approximately)
Standard Pad Spread	51-1/4" x 117-1/2" [130 cm x 299 cm]	53-3/4" x 120" [137 cm x 305 cm]	51-1/4" x 117-1/2" [130 cm x 299 cm]	53-3/4" x 120" [137 cm x 305 cm]
Number/Size of Pads	10 / 9" [23 cm] diameter	10 / 11" [28 cm] diameter lipped	10 / 9" [23 cm] diameter	10 / 11" [28 cm] diameter lipped
Lifter Weight	190 lbs [87 kg]	200 lbs [91 kg]	202 lbs [92 kg]	213 lbs [97 kg]
Load Movement	Upright to upright 		Upright to upright 	
Standard Operating Power	120 volts AC, 50/60 hertz, 6 amps (240 volts AC, 50/60 hertz, 3 amps also available)		12 volts DC, 8 amps	

## STANDARD FEATURES

	AC	DC
<b>Green Lift Light</b> Provides visual assurance to know when vacuum is sufficient for lifting	✓	✓
<b>Operator Protection Mesh</b> Provides a secure barrier to protect the operator from load breakage	✓	✓
<b>Movable Control Pendant</b> Enables operator to control lifter functions at a safe distance from loads in motion	✓	✓
<b>Vacuum Gauge</b> Features green and red zones to clearly indicate whether vacuum level is sufficient for lifting	✓	✓
<b>Vacuum Reserve Tank</b> Reduces attachment time and extends time for supporting loads during a power outage (AC); increases battery run-time by reducing pump cycles needed to maintain vacuum (DC)	✓	✓
<b>Vacuum Line Filter</b> Prevents liquid and other contaminants from damaging the vacuum generating system	✓	✓
<b>Spring-Mounted Vacuum Pads</b> Automatically adjust to match the angle of load surfaces, easing attachment	✓	✓
<b>Twist-Lock Electric Plug</b> Provides a secure connection to the AC power source, to prevent accidental disconnection	✓	
<b>Blow-Off Release</b> Reverses airflow to quickly separate vacuum pads from loads, without after-stick	✓	✓
<b>Nylon Slings</b> Provide easy-to-use, flexible rigging made from high-quality, abrasion-resistant materials	✓	✓
<b>Battery and Charger</b> Provide independent, rechargeable power source for cord-free lifter operation in any location; on-board charger features status indicator and automatic shut-off		✓
<b>Battery Gauge</b> Shows energy level in real time, to help determine when charging is needed		✓

## AVAILABLE OPTIONS

<b>Air (Venturi) Power System</b> (VLGG109AIRS, VLGG1011LAIRS) Enables lifter to operate using compressed air supply already available in many production facilities (Specifications may not be as listed. Please contact us for more information.)
<b>Vacuum Loss Warning Buzzer (93780AM)</b> Uses advanced logic circuitry to monitor vacuum level and sound an alarm only when insufficient vacuum could be hazardous
<b>12-Volt/DC Vacuum Back-Up System (93756EM)</b> Employs battery-powered auxiliary pump to automatically maintain vacuum during a power outage
<b>Individual Pad Shutoffs (93011)</b> Enable lifter to handle various load sizes and shapes by shutting off airflow from specific vacuum pads
<b>Voltage Adaptation</b> (VLGG109AC and VLGG1011LAC Only) Enables lifters to operate using AC voltages best suited to specific uses and geographical areas
<b>Alternative Pad Compounds</b> Specially designed for heat resistance, marking resistance, coated surfaces and other purposes

## 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)