



# FLEX FLAT LIFTER 1600 WITH SLIDING PAD ARMS & EXTENDED PAD FRAME

MODEL: FLEXR(L)8HV11

Vacuum pads on this Powr-Grip® model can be repositioned quickly and easily for lifting a wide array of metal and other sheet materials.



## Multiple Ways to Adjust

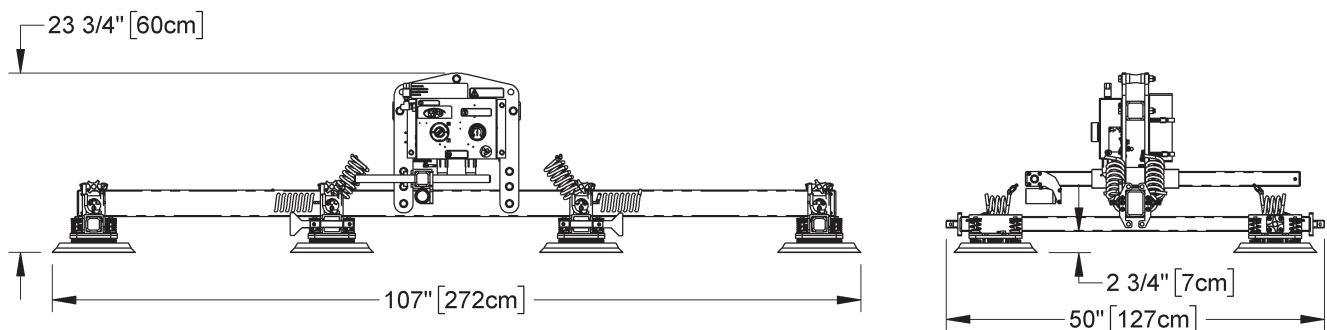
Choose where to slide your lifter's pad arms, pad mounts and center control handle. Then secure them in place for a truly customized lifter configuration!

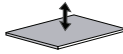
## Spring-Loaded Parking Stands

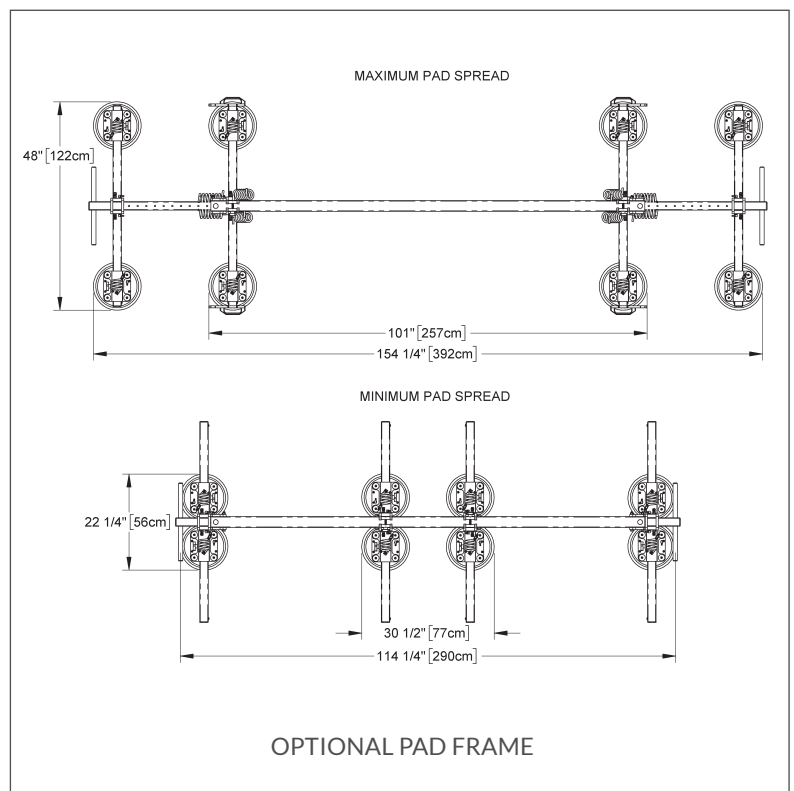
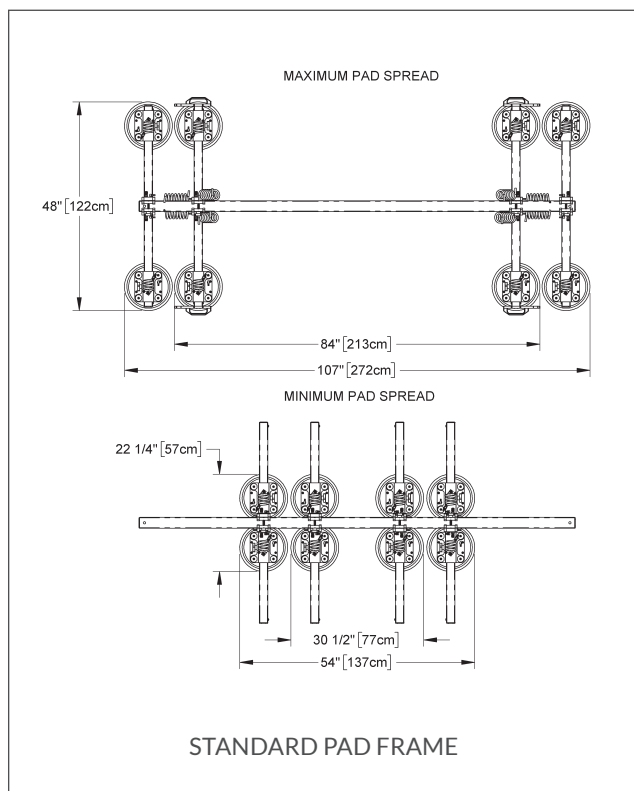
No tools are necessary to use these compact, built-in stands whenever you need to set the lifter down.

## Choice of Power Systems

Whether you need AC or compressed air power to integrate with existing facilities or DC power for cord-free operation, we have a power system to work for you!



Models	FLEXR8HV11 (Standard)	FLEXRL8HV11 (Optional)
Maximum Load Capacity	1,600 lbs [726 kg]	1,600 lbs [726 kg]
Lifter Weight (Approximate)	185 lbs [84 kg] with Air power system 195 lbs [88 kg] with AC power system 215 lbs [98 kg] with DC power system	215 lbs [98 kg] with Air power system 225 lbs [102 kg] with AC power system 245 lbs [111 kg] with DC power system
Standard Pad Spread	Maximum: 48 x 107" [122 cm x 272 cm] Minimum: 22-1/4" x 54" [57 cm x 137 cm]	Maximum: 48" x 154-1/4" [122 cm x 392 cm] Minimum: 22-1/4" x 114-1/4" [57 cm x 290 cm]
Load Movement	Flat to flat 	
Number/Size of Pads	8 /10" [25 cm] nominal diameter, lipped (Model HV11)	
Available Power Systems	See below	
Air (venturi) power system (FLEXR[L]8HV11AIR)		
Standard Operating Power	Compressed air, 80-150 psi [550-1035 kPa] line pressure	
Vacuum Pump	Single-stage venturi type, 5 SCFM [142 liters/min] nominal airflow @ 80 psi [550 kPa]	
Attach / Release Times	8 seconds (approx.)/ 4 seconds (approx.)	
DC power system (FLEXR[L]8HV11DC3)		
Standard Operating Power	12 volts DC, 5.5 amps	
Vacuum Pump	Diaphragm type, 2.5 SCFM [71 liters/min] nominal airflow	
Attach / Release Times	8 seconds (approx.) / 8 seconds (approx.)	
AC power system (FLEXR[L]8HV11AC)		
Standard Operating Power	120 volts AC, 50/60 hertz, 2 amps 240 volts AC, 50/60 hertz, 1 amp	
Vacuum Pump	Diaphragm type, 2.5 SCFM [71 liters/min] nominal airflow	
Attach / Release Times	8 seconds (approx.) / 8 seconds (approx.)	



STANDARD FEATURES		AIR	AC	DC
<b>Intelli-Grip® Technology</b>	Available exclusively from Powr-Grip®! Actively monitors power and vacuum systems to increase safety and productivity, using LCD-screen messages, diagnostic codes and other features		✓	✓
<b>Dual Vacuum System</b>	Features two independent air-line circuits to reduce risk of workplace accidents		✓	✓
<b>Movable Release Button</b>	Allows operator to release wide loads using an umbilical control from a secure distance	✓		
<b>Sliding Pad Arms</b>	Allow cross members to slide along the lifter's main beam to match load dimensions	✓	✓	✓
<b>Spring-Loaded Parking Stands</b>	Protect vacuum pads from distortion or damage when lifter is not in use	✓	✓	✓
<b>Adjustable Control Handle</b>	Quickly adjusts to the optimal operator position, regardless of load width	✓	✓	✓
<b>Notification Buzzer and Strobe Light</b>	Alert operator of problems with power or vacuum system, with various patterns of sound and light to indicate severity; back-up battery provides independent power for buzzer		✓	✓
<b>Green Lift Light</b>	Provides visual assurance to know when vacuum is sufficient for lifting		✓	✓
<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			✓
<b>Vacuum Gauges</b>	Feature green and red zones to clearly indicate whether vacuum level is sufficient for lifting	✓	✓	✓
<b>Vacuum Reserve Tanks</b>	Reduce attachment time and extends time for supporting loads during a power outage (AIR and AC); increase battery run-time by reducing pump cycles needed to maintain vacuum (DC)	✓	✓	✓
<b>Vacuum Line Filters</b>	Protect the vacuum generating system from contaminants	✓	✓	✓
<b>Spring-Mounted Vacuum Pads</b>	Automatically match the angle of load surfaces, easing attachment and adjusting to flexible loads	✓	✓	✓
<b>Air-Line Quick Connectors</b>	Accommodate various load sizes and shapes by easily connecting or disconnecting specific vacuum pads	✓	✓	✓
<b>Sliding Adjustable Pad Mounts</b>	Accommodate various load sizes by sliding to any location on the pad arms	✓	✓	✓
<b>Blow-Off Release</b>	Reverses airflow to quickly release loads without after-stick	✓	✓	✓
AVAILABLE OPTIONS		AIR	AC	DC
<b>Remote Control System</b>	Controls attach, release and other powered functions up to 250' [76 m] away		✓	✓
<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>Telescoping Pad Frame</b>	Easily extends to support large sheet metal and other materials with long dimensions	✓	✓	✓
<b>Alternative Pad Compounds</b>	Specially designed for heat resistance, marking resistance, oily 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)

Based on product information at time of publication.

Environmental conditions can affect product performance and longevity; consult the product instructions on [WPG.com](http://WPG.com) or contact a Technical Sales Representative for more information.

