

FLAT LIFTER 300

MODELS: FL1HV11DC & FL1HV11AIR

This WPG model allows a single operator to lift loads up to 300 lbs [135 kg] with ease.

Compact, Lightweight Design

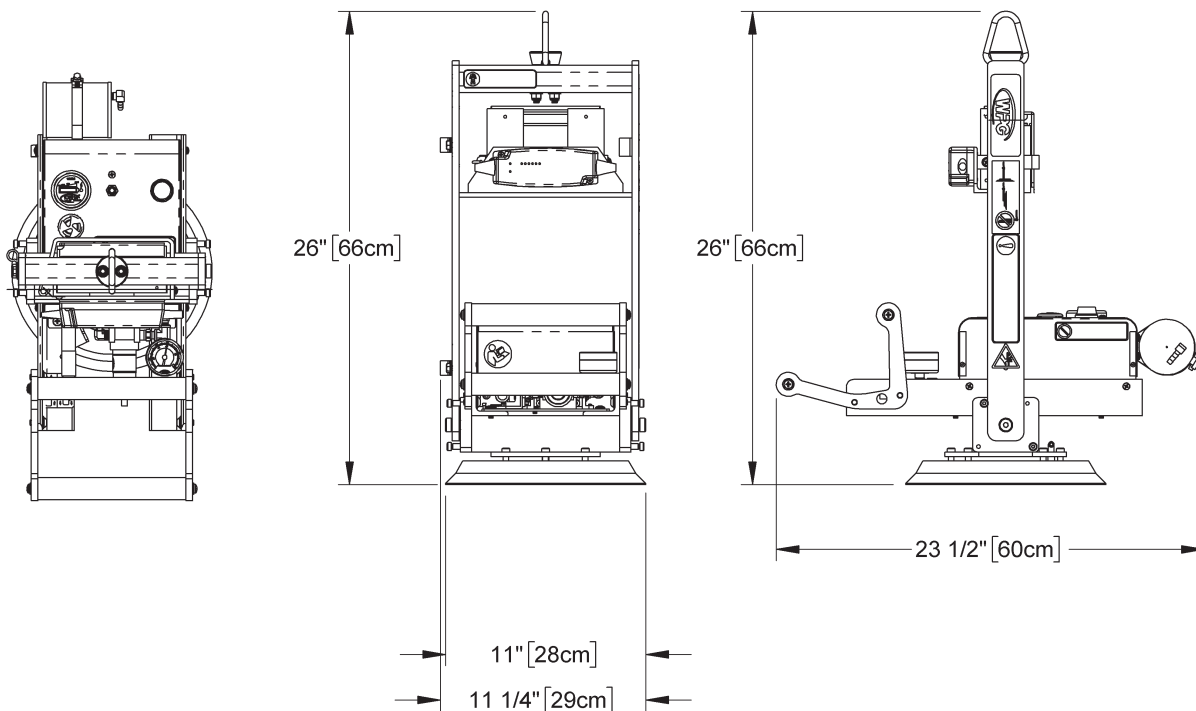
Reduces effort needed to handle small but heavy loads.

Speedy Load Attaching and Releasing

Improves overall efficiency when used for repetitive lifting.

Safety-Minded Features


Include low-vacuum indicators and a battery gauge on the standard DC-powered model.



MODEL FL1HV11DC SHOWN



*EU REQUIRES A SECONDARY SAFETY DEVICE WHEN USED ON CONSTRUCTION SITES.

Model	FL1HV11DC	FL1HV11AIR
Standard Operating Power	12 volts DC, 3.5 amps	Compressed air, 2 SCFM [57 liters/minute] @ 80 psi [552 kPa]
Lifter Weight	45 lbs [21 kg]	35 lbs [16 kg]
Maximum Load Capacity	300 lbs [135 kg]	
Standard Pad Spread	11" x 11" [28 cm x 28 cm]	
Number/Size of Pads	1 / 10" [25 cm] dia. lipped	
Load Movement	Flat to flat 	
Attach/Release Times	2 seconds/3 seconds (approximately)	

STANDARD FEATURES	DC	AIR
Battery and Charger Provide independent, rechargeable power source for cord-free lifter operation in any location; on-board charger features automatic shut-off	✓	
Battery Gauge Shows energy level in real time, to help determine when charging is needed	✓	
Low Vacuum Warning Light Uses red light to warn operator when vacuum is not sufficient for lifting	✓	
Vacuum Gauge Features green and red zones, to clearly indicate whether vacuum level is sufficient for lifting	✓	✓
Vacuum Line Filter Protects the vacuum generating system from contaminants	✓	✓
Vacuum Reserve Tank Increases battery run-time by reducing pump cycles needed to maintain vacuum	✓	✓
Blow-Off Release Reverses airflow to quickly release loads without after-stick		✓

AVAILABLE OPTIONS

Manual Tilt Model (MT1HV11DC, MT1HV11AIRS)
 Provides capability to tilt loads 90° between flat and upright positions. 150 lbs [70 kg] capacity

AC Power System (FL1HV11ACS)
 Enables lifter to operate using AC power supply already available in many production facilities (Specifications may not be as listed. Please contact us for more information.)

Alternative Vacuum Pads
 Adapt lifter to specialized uses, including:
 9" [23 cm] diameter pad (VPFS9) for quick attachment to rigid, flat loads
 10" [25 cm] diameter, concave pad (G0750) for handling curved loads
 11" [28 cm] diameter, lipped pad (G3370) for handling rigid, flat loads
 (Specifications not as listed above. Please contact us for more information)

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)
CE: Regulatory standards for health and safety required in the European Union

Based on product information at time of publication. Environmental conditions can affect product performance and longevity; consult the product instructions on WPG.com or contact a Technical Sales Representative for more information.

