



LIFTING DEVICES

VERTICAL LIFT ADAPTER

The Vertical Lift Adapter combined with a PowerLift® magnet lifts ferrous metal from horizontal to vertical orientation or vice versa. Adjustable for various flat plates or circular shapes and can be used with a forklift.

Lift Sheets & Shapes Vertical/Horizontal

Permanent magnetic lifts eliminate the fear of dropping the load being lifted due to power failures. They also eliminate the need for clamping devices, slings or chains. One person can perform operations previously calling for two or more people. PowerLift® magnets feature a positive lock on and off. This locking feature is built into the handle that requires the operator to lock the magnet on and to lock the magnet off. This prevents the handle from being bumped partially on & give the operator a false feeling that the magnet is holding safely. The locking system is performed by first pulling on the handle to release the lock pin, than rotate the handle to the "ON" position. To turn the magnet off requires the same step as turning the magnet on in the reverse direction.

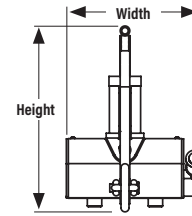
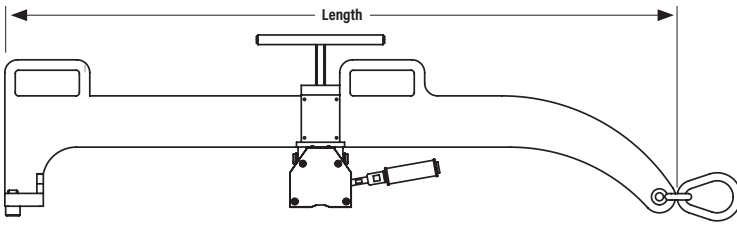
OPTIONS:

Designed for thick, non-flexing material.
For thinner material, see the chart on the next page.



Magnet Sold Separately

TOLL FREE **1.800.662.4638** imi@magnetics.com



Magnetic Specifications

	OVERALL		MAGNET			HANDLE	BAIL				
Pull (Lbs.)	Ht. (In.)	Ln. (In.)	Ht. (In.)	Wd. (In.)	Ln. (In.)	Ln. (In.)	Th. (In.)	Ht. (In.)	Wd. (In.)	Wt. (Lbs.)	Model No.
800	8-7/8	7-7/8	3-7/8	3-5/8	6-3/8	6-7/8	1/2	2-3/8	1-3/4	22	PNL0800
1600	8-7/8	10-3/4	4-3/4	4-7/8	9-1/8	6-3/4	5/8	3-1/2	2-1/4	53	PNL1600

Holding Value & *Maximum Sheet Length Due To Sag For Material Thickness For Single Magnet Use

MODEL NO.	1/4" (6' LN.)	3/8" (8' LN.)	1/2" (8' LN.)	3/4" (8' LN.)	1" (10' LN.)	2" (10' LN.)	3" (10' LN.)
PNL0800	270	500	615	800	800	800	800
PNL1600	CF	CF	800	1600	1600	1600	1600

Vertical Lift Adaptor Specifications

Model No.	OVERALL DIMENSIONS			WITH MAGNET	MAXIMUM SHEET SIZE		WITHOUT MAGNET
	Height (In.)	Length (In.)	Width (In.)	Width (In.)	Length (Ft.)	Wd. (Ft)	Weight (Lbs.)
VLA0800	10	51-1/2	8	8	8	4	36
VLA1600	12-3/16	52-3/8	10	10-3/4	10	4	68

NOTE: Part numbers VLA0800 & VLA1600 need to be ordered with a PNL0800 & PNL1600 respectively.

Holding Values for the PowerLift® Magnets are stated at 33% of the actual value. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once.

*These maximum sheet lengths are selected due to the sag characteristics of the specified sheet. The item to be lifted must cover the entire length and width of the magnetic poles to properly engage and release the part. **CF = Consult Factory (Magnets listed will not turn "ON" on specified material thicknesses.)**

Key Markets

Fabrication, Machine Tool, Foundries, Steel Service Centers, Machine Builders

Related Products

Creative Lifts®, Battery Lifts, Electromagnets, PowerLifts®

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