



GLOBAL. MAGNETIC. FORCE.™

Technical Data Sheet

Hand-Controlled Permanent Magnetic Lifters

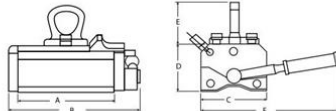
Bunting® MagLift Permanent Magnetic Lifters are powered by blocks of high-energy neodymium magnetic material. Switching the magnet on/off is achieved by making one of these blocks reversible. In the “on” position, the reversible block is in parallel with the static blocks so that a concentrated magnetic field is produced at the pole feet for lifting. In the “off” position, the reversible block is rotated through 180 degrees to provide a total magnetic short circuit within the lifter body.

Product Specifications

Part No.	Price
MAGLIFT550	\$517.00

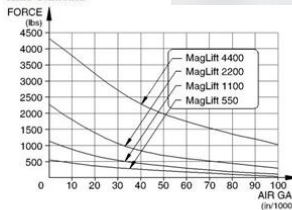


Standard Magnetic Lifter



3:1 Safety Factor

Force/Air Gap Curve – Hand Controlled



Part No.	Lifter Weight (lbs)	Dimensions						Flat Section			Round Section		
		A (inches)	B (inches)	C (inches)	D (inches)	E (inches)	F (inches)	Safe Work Load (lbs)	Min. Thickness (inches)	Max Length (inches)	Safe Work Load (lbs)	Max Diameter (inches)	Max Length (inches)
MagLift275	9.9	4.3	5.9	3.0	2.4	2.1	5.9	275	0.6	60	110	10	60
MagLift550	18.7	6.5	8.3	3.5	2.8	3.0	7.9	550	0.8	60	220	12	60
MagLift1100	38.5	8.9	11.1	4.2	3.5	4.1	9.6	1100	1.0	80	440	16	80
MagLift2200	80.3	12.8	15.4	5.4	4.1	4.4	14.4	2200	1.4	120	880	18	120
MagLift4400	173.8	15.7	19.0	7.3	5.2	6.7	20.7	4400	2.8	120	1760	24	120

Above values are based on cold rolled mild steel.

- All Measurements are in inches (unless otherwise noted)
- Direction of Magnetization (DOM) is through the thickness unless noted
- Unless otherwise specified, magnets will be furnished in magnetized condition
- Holding forces are approximate. These are average values obtained under laboratory conditions. Size, shape, and material of the test piece may affect actual pull forces

