

BasicLift™ Magnets



IMI's BasicLift™ is a powerful, no frills permanent ceramic lift magnet perfect for basic flat steel lifting. Featuring a lightweight and durable Stainless Steel design, the BasicLift™ has a full width cam to release the magnet from the steel surface and a tall lift lug for easy use with crane hooks and slings.

The BasicLift™ offers a good value for your dollar with strong lifting capacity and basic lifting features.

Features

- Heat resistant up to 300°F (148°C)
- Lightweight Design
- Durable Stainless Steel Casing
- Large Lift Lug
- Full Width Cam Release
- 2:1 Design Factor



Model No.	Lift		Overall				Magnet		Bail Opening		Wt. (lbs)
	LBS	KG	Height (in)	Width (in)	Length (in)	Handle (in)	Wd. (in)	Ln. (in)	Height (in)	Width (in)	
BL0400	400	181	5-1/2	5-5/8	7-1/2	12	4-1/2	3	2-3/4	2-3/4	13
BL1000	1000	453	5-1/2	5-5/8	11	12	4-1/2	6-1/2	2-3/4	2-3/4	18
BL1500	1500	680	5-1/2	5-5/8	14-1/2	12	4-1/2	10	2-3/4	2-3/4	28

Lifting Value in lbs (kg) & *Maximum Sheet Length Due To Sag For Material Thickness For Single Magnet Use

Model No.	3/16" (6' Length)	1/4" (6' Length)	3/8" (8' Length)	1/2" (8' Length)	3/4" (8' Length)	1" (10' Length)	3" (10' Length)
BL0400	375 (170)	400 (181)	400 (181)	400 (181)	400 (181)	400 (181)	400 (181)
BL1000	725 (328)	800 (362)	875 (396)	975 (442)	1000 (453)	1000 (453)	1000 (453)
BL1500	875 (396)	1000 (453)	1400 (635)	1400 (635)	1500 (680)	1500 (680)	1500 (680)

NOTE: Lifting Values for the BasicLift™ Magnets are stated at 50% of the actual value. We recommend when lifting sheets over 8', use 2 or more lifts on a spreader bar to prevent sheet bending, sagging or peel-off. 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.

Creative Lift® Magnets



Permanent lift magnets are ideal for handling steel plates, die castings, forgings, etc. They eliminate the need for clamping devices, slings or chains. One person can perform operations previously calling for two or more people.

Features

- Patented Non-Marring Roller Cam Release will easily release parts without gouging your valuable materials (U.S. Patent: 6,471,273 B1)
- Spring return handle
- Less torque required to release load
- "Jack Screw", Secondary Release
- Lift capacity clearly stated on magnet
- Durable Stainless Steel Casing
- Heat Resistant up to 300°F (148°C)
- 3:1 Design Factor
- **CONFORMS TO ASME B30.20 STANDARDS**



Model No.	Lift		Overall				Magnet		Bail Opening		Wt. (lbs)
	LBS	KG	Height (in)	Width (in)	Length (in)	Handle (in)	Wd. (in)	Ln. (in)	Height (in)	Width (in)	
CL0400	400	181	6-3/4	7-1/4	7-3/4	16	6-1/2	4	2-7/8	3	19
CL1000	1000	453	6-3/4	7-1/4	10-3/4	16	6-1/2	7	2-7/8	3	33
CL1500	1500	680	6-3/4	7-1/4	14-3/4	16	6-1/2	10-1/2	2-7/8	3	46
CL2200	2200	998	7	10-1/2	15	16	9-3/4	11-1/4	2-7/8	3	84
CL3000	3000	1360	7	10-1/2	19-1/4	16	9-3/4	15-1/4	2-7/8	3	109

Lifting Value in lbs (kg) & *Maximum Sheet Length Due To Sag For Material Thickness For Single Magnet Use

Model No.	3/16" (6' Length)	1/4" (6' Length)	3/8" (8' Length)	1/2" (8' Length)	3/4" (8' Length)	1" (10' Length)	3" (10' Length)
CL0400	400 (181)	400 (181)	400 (181)	400 (181)	400 (181)	400 (181)	400 (181)
CL1000	600 (272)	900 (408)	1000 (453)	1000 (453)	1000 (453)	1000 (453)	1000 (453)
CL1500	800 (362)	1000 (453)	1500 (680)	1500 (680)	1500 (680)	1500 (680)	1500 (680)
CL2200	800 (362)	1064 (482)	1725 (782)	2000 (907)	2200 (998)	2200 (998)	2200 (998)
CL3000	800 (362)	1100 (498)	1800 (816)	2700 (1224)	3000 (1360)	3000 (1360)	3000 (1360)

NOTE: Lifting Values for the Creative Lift® Magnets are stated at 33% of the actual value. We recommend when lifting sheets over 8', use 2 or more lifts on a spreader bar to prevent sheet bending, sagging or peel-off. 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.