

DynamicLift™ Magnets

These lightweight and powerful Rare Earth permanent lift magnets can be used on flat or round surfaces and contain an internal release On/Off device.

Features

- Top rotating On/Off actuated Rare Earth permanent magnet
- Superior holding on material from 1/4" to 1" in thickness
- Lifts flat or round loads (see chart below)
- Heat resistant up to 180°F (82°C)
- Handle locks in "On" position
- 3:1 Design Factor
- **CONFORMS TO ASME B30.20 STANDARDS**



Model No.	Lift		Overall			Magnet			Handle		Bail		Wt. (lbs)
	LBS	KG	Ht. (in)	Ln. (in)	Ht. (in)	Wd. (in)	Ln. (in)	Ln. (in)	Th. (in)	Ht. (in)	Wd. (in)		
DL0200	200	90	7-1/2	4-1/4	2-1/2	2	3	2-1/2	2/5	1-1/2	2-1/4	4.5	
DL0375	375	170	10	5-3/4	3	2-3/4	4-1/4	2-3/4	3/5	2-1/2	3-1/4	11.5	

Model No.	Lifting Value in lbs (kg) & *Max Sheet Length Due To Sag For Material Thickness For Single Magnet Use								Round Lifting Applications		
	1/4" (6' Lg)	3/8" (8' Lg)	1/2" (8' Lg)	3/4" (8' Lg)	1" (10' Lg)	2" (10' Lg)	3" (10' Lg)	3" (10' Lg)	Lift - lbs (kg)	Min. Dia. (in)	Min. Th. (in)
DL0200	182 (82)	197 (89)	200 (90)	200 (90)	200 (90)	200 (90)	200 (90)	200 (90)	100 (45)	2	1/2
DL0375	235 (106)	333 (151)	350 (158)	355 (161)	358 (162)	375 (170)	375 (170)	375 (170)	187 (84)	2-1/2	1/2

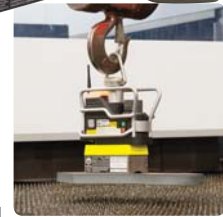
NOTE: Lifting Values for the DynamicLift™ Magnets are stated at 33% of the actual value. We recommend when lifting sheets over 8', use 2 or more lifts on a spreader bar to prevent sheet flexing, sagging or peel-off. Thin material is susceptible to magnetic bleed through, resulting in two sheets being lifted at once. Round Item Lifting Values are based on ideal conditions. Pipe length, wall thickness, diameter and surface condition can all affect the magnet's performance. Please consult the factory before specifying these magnets for use on round materials. *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 NA = Not Applicable (Magnets listed will not turn "ON" on specified material thicknesses.)

Remote Operated DynamicLift™ Magnet

The remote operated DynamicLift™, featuring Magswitch® technology, is a powerful Rare Earth permanent lift magnet that can be turned "On" or "Off" using a remote control without the need of air or electricity! Not only does this give the operator freedom from electrical cords and air hoses, but also opens up a whole new range of lifting possibilities where accessibility to the magnet was cumbersome or impossible to reach, such as lifting above or below arm's length, into deep channels, loading or unloading CNC/cutting tables and operation from inside the forklift. Permanent magnetic lifts also eliminate the fear of dropping the load being lifted due to power failures.

Features

- Remote Operated, locking, On/Off Rare Earth permanent magnet
- Will stay "on" if battery loses power
- Secondary manual release in case of battery failure
- Indicator lights for magnet operational state and battery strength
- Built in safety - a load sensor and a 3-button off sequence prevent accidental release while under load
- Includes two, 12 volt rechargeable, Lithium-ion batteries (200 cycles per charge) and charger
- 3:1 Design Factor
- Heat resistant up to 180°F (82°C)
- **CONFORMS TO ASME B30.20 STANDARDS**



Model No.	Lift		Overall			Magnet			Bail		Wt. (lbs)	
	LBS	KG	Ht. (in)	Wd. (in)	Ln. (in)	Ht. (in)	Wd. (in)	Ln. (in)	Th. (in)			
DLR0600	600	272	12-1/2	4	8-1/2	4	2-3/4	6-1/2	3/8	2-1/2	3-1/4	20

Model No.	Lifting Value in lbs (kg) & *Maximum Sheet Length Due To Sag For Material Thickness For Single Magnet Use							
	1/4" (6' Lg)	3/8" (8' Lg)	1/2" (8' Lg)	3/4" (8' Lg)	1" (10' Lg)	2" (10' Lg)	3" (10' Lg)	3" (10' Lg)
DLR0600	368 (166)	475 (215)	550 (249)	575 (260)	600 (272)	600 (272)	600 (272)	600 (272)

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Spreader Bars

Contact us to find out more about our spreader bar offerings for use with magnetic lifts. We offer many options that include a wide variety of lift capacities, adjustable lengths and multiple lifting location positions. We can also create a custom lifting solution for your specific application.

