

## 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
- Heat resistant up to 180°F (82°C)
- 3:1 Design Factor
- **ASME B30.20 BTH-1 Design Category B Service Class 3**



Model No.	Lift		Overall				Magnet			Bail		
	LBS	KG	Ht. (in)	Wd. (in)	Ln. (in)	Ht. (in)	Wd. (in)	Ln. (in)	Th. (in)	Ht. (in)	Wd. (in)	Wt. (lbs)
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

### Working Load Limit in lbs (kg) & \*Maximum Sheet Length Due To Sag For Material Thickness For Single Magnet Use

Model No.	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)
DLR0600	368 (166)	475 (215)	550 (249)	575 (260)	600 (272)	600 (272)	600 (272)

**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. 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.

## Automatic Lifting Magnet

Innovative, compact and user-friendly, this magnetic lifting equipment features a strong permanent magnet that is switched between the “on” and “off” states with an electrical pulse.

This permanent lift magnet uses an electronic impulse ONLY to change the magnet from on to off and vice-versa. No electrical power is used during the lifting process. The result of this technology is safe and reliable lifting and long & efficient operation without interruption - over one thousand lifts with one complete, 2 hour battery charge!

The real beauty of this magnet is that it is fully automatic - no user interface is required to turn the magnet on or off. The secret lies in the built-in load-sensing system. This unique feature utilizes a self-adjusting shaft that turns the magnet on or off every time it completes a cycle. When the magnet is set down on a load, the shaft goes down, which engages the magnet. The magnet stays “on” until the load is set back down, whereby the shaft goes down and turns the magnet “off”. The operator also has the option to manually control the magnet by pressing the push buttons located on the side of the unit.

### Features

- Rare Earth Permanent magnet
- Automatic controlled ON/OFF
- Operating Temp: 32°F to 122°F
- Internal chargeable battery for switching
- Fast cycle times
- Over one thousand lifts with one complete battery charge
- 3:1 design factor

**Automatic Lifting Magnet  
LI-120ALM**



Model No.	Lift		Overall				Bail		
	LBS	KG	Ht. (in)	Wd. (in)	Ln. (in)	Th. (in)	Ht. (in)	Wd. (in)	Wt. (lbs)
LI-120ALM	265	120	7.87	4.92	4.92	3/8	1-1/4	1-1/4	14.3

### Working Load Limit in lbs (kg) & \*Max Sheet Length Due To Sag

Model No.	3/16" (6' Lg)	1/4" (6' Lg)	3/8" (8' Lg)	1/2" (8' Lg)	1" (10' Lg)	3" (10' Lg)
LI-120ALM	78 (35)	111 (50)	232 (105)	265 (120)	265 (120)	265 (120)

**NOTE:** Lifting Values for the Ixtur® Automatic Lift Magnet 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. \*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.