

FX SERIES LIFTING MAGNETS

FXE PERMANENT LIFTING MAGNETS ELECTRONICALLY CONTROLLED

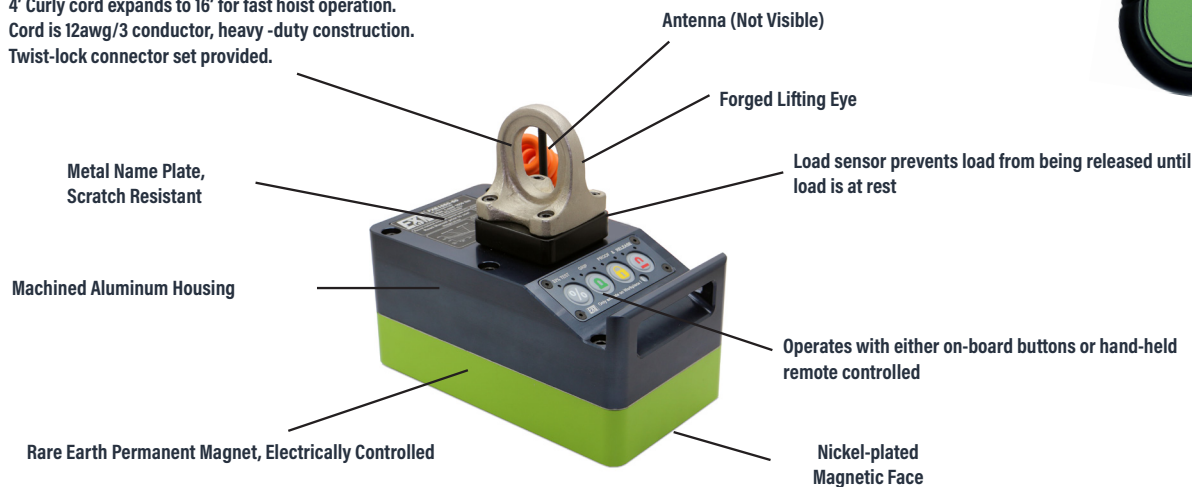
FXE lift magnets allow the operator to pick-up ferrous metal sheets/parts and safely release with the push of a button. Combining the cost-efficiency and safety of a permanent magnet for load handling with the controlled-release capability of an electromagnet, the FXE uses virtually no energy and does not require a battery backup system. A built-in load sensor prevents the load from being released until it's at rest, and the fail-safe permanent magnet design securely holds the load in the event power is lost. Ideal for lifting applications that require fast cycle times without the operator touching the load. Grip and release functions can be performed by using the wireless remote control or can be activated directly from the magnet's on-board control buttons. All labels and controls are on top of the magnet allowing the magnet to fit into tight spots and limit damage to critical equipment. Temperature Range: 180°F (82°C)

Quick Reference

- 50 Series: Smooth surfaces • Smaller parts • Cutting table loading/unloading • Thinner metals
- 50L Series: Smooth Surfaces • Long narrow parts • C channel • I-Beam • Square tubing
- 80 Series: Hot rolled steel • Black material • Flame cut • Shipyards • Thicker metals than 50 Series
- 100 Series: Rough surfaces • Casting • Forging • Slabs • Thick, heavy, large metals



4' Curly cord expands to 16' for fast hoist operation.
Cord is 12awg/3 conductor, heavy-duty construction.
Twist-lock connector set provided.



FXE LIFTING MAGNET - 50 SERIES

The FXE50 Series Permanent Lifting Magnet is designed with the strength and reach-out required for lifting thinner, smooth-surfaced material in applications such as the loading and unloading of cutting tables. Ideal for smaller part handling in repetitive lifting applications, this durable magnet is constructed for many years of industrial use. **480 VAC single phase power supply required @ up to 7.5 amps, 0.8 second pulse**

» 2018 ASME B30.20 BTH-1 Design Category B, Service Class 3



FXE0660-50



FXE1650-50



FXE3525-50

50 Series	WLL		Magnet		Overall			Poles	Bail Opening			Weight
Model No.	LBS	KG	Ln. (in)	Wd. (in)	Ln. (in)	Wd. (in)	Ht. (in)	No. of Poles	Th. (in)	Ht. (in)	Wd. (in)	lbs (kg)
FXE0660-50	660	300	4.6	4.6	6.5	6.5	16.5	4	0.6	1.7	1.3	51 (23)
FXE1650-50	1650	750	9.6	4.6	11.7	6.5	9.8	8	0.6	3	2.4	60 (27)
FXE3525-50	3525	1600	22.2	4.6	24.4	6.5	10.6	18	0.8	3	2.4	124 (56)

Working Load Limit (WLL) in lbs (kg) & Max sheet size Due To Sag For Material Thickness For Single Magnet Use

Model No.	5/32 (4mm)	Sheet LxW	1/4 (6mm)	Sheet LxW	5/16 (8mm)	Sheet LxW	3/8 (10mm)	Sheet LxW	1/2 (15mm)	Sheet LxW
FXE0660-50	154 (70)	71" x 59"	309 (140)	79" x 59"	440 (200)	79" x 59"	617 (280)	79" x 59"	660 (299)	79" x 59"
FXE1650-50	330 (150)	71" x 59"	551 (250)	79" x 59"	882 (400)	79" x 59"	1323 (600)	79" x 59"	1650 (748)	79" x 59"
FXE3525-50	661 (300)	118" x 59"	1102 (500)	118" x 59"	1764 (800)	118" x 59"	3087 (1400)	118" x 59"	3525 (1599)	118" x 79"