

LIFTMASTER

CAST / FABRICATED CASE, DEEP FIELD ALUMINUM COIL

Walker Liftmaster Series Magnets have been designed and engineered for scrap processing operations.

Latest state-of-the-art materials combined with the most modern manufacturing methods make the Walker Liftmaster Series one of the most advanced magnets on the market today.

The Liftmaster Series is a lightweight magnet with maximum lift capacity

Available in 8 popular sizes:

The 30, 34, 36, 38 & 40 LM are supplied with a rigged, fabricated steel case. All sizes have heavy rolled manganese steel bottom plates for maximum impact and abrasion resistance, deep field coil designs, and tough three leg alloy steel chains.

The Liftmaster 48, 57, 66 Series magnets have a rugged cast case, heavy rolled manganese bottom plate, deep field construction and tough 3 leg alloy chains for maximum durability.

All elements are designed for top operating efficiency, with deadweight engineered out to achieve high lift-to-weight ratio.

- 75% duty cycle
- Deep field construction
- 3 leg alloy chain
- Rugged case design of low carbon high permeable steel for maximum lifting efficiency
- Aluminum wound coil for maximum lift-to-weight ratio
- 230 volt DC standard
- All class H Insulation
- Coils are encapsulated in a high dielectric strength, moisture resistant, resilient compound
- Heavy rolled manganese bottom plate
- Inner and outer poles surfaces are hard faced with an abrasive resistant layer of weld to retard wear
- Terminal box cast as an integral part of the magnet case with hinged cover for easy access and replacement of external lead

SPECIFICATIONS						LIFTING CAPACITY (lbs.)		
Model	Dia.	Approx. wt. (lbs.)	D.C. Voltage	Amps (cold)	KW REQ.	#1 Heavy Melting	#2 Heavy Melting	Steel Turnings
30LM	30"	900	230	18	4.1	0 - 450	0 - 300	0 - 125
34LM	34"	1200	230	20	4.7	0 - 600	0 - 400	0 - 220
36LM	36"	1500	230	21	4.8	0 - 750	0 - 500	0 - 250
38LM	38"	1550	230	25	5.8	0 - 900	0 - 600	0 - 300
40LM	40"	1850	230	30	5.8	0 - 1150	0 - 680	0 - 360
40LMDG	40"	2030	230	30	5.8	0 - 1150	0 - 680	0 - 360
48LM	48"	2700	230	37	8.5	0 - 1750	0 - 1200	0 - 600
57LM	57"	4100	230	51	11.7	0 - 2700	0 - 1775	0 - 850
66LM	66"	6200	230	65	15.0	0 - 4100	0 - 2750	0 - 1350

Lifting capacities are based on optimum conditions. Variables in the materials or magnetic system can affect performance. Material description based on specifications for iron and steel scrap published by the Institute of Scrap Recycling Industries.

