

Scrapmizer "L" Series Copper Coil



Industrial Electro Lifting Magnets

The Magnetech Scrapmizer Series magnets are engineered specifically to meet the requirements of scrap processing operations.

The "L" Series case design is of fabricated steel construction, minimizing weight while maximizing lift-to-weight ratios without sacrificing strength and durability. The Scrapmizer "L" Series case design is manufactured to withstand the conditions found in scrap yards and steel mills, incorporating a wear resistant layer of hard surfacing welded onto the center and outer poles and includes a high impact resistant heavy duty manganese bottom plate.

The Scrapmizer's double welded and sealed terminal box protects the magnet coil from moisture. Scrapmizer magnets contain coils rated at 75% duty cycle to compliment today's faster hydraulic cranes. Class "H" insulation is utilized throughout the coil design in turn-to-turn, layer-to-layer and coil-to-case insulation.

Magnetech magnets include 3 leg conventional chain assemblies.

TECHNICAL DATA

Size/Model	Weight	Volts	Amps Cold	Controller Size	Generator Size	Cable Size	Pig Iron #1 HM	#2 HM	Turnings	Punchings
47" FSCL	3,475	230	40	0-50	10	8	1,475	1,025	500	1,925
47" FDCL	4,000	230	44	0-50	15	8	1,775	1,275	632	2,250
57" FSCL	5,450	230	59	0-100	15	6	2,975	2,000	925	4,050
57" FDCL	5,900	230	64	0-100	15	6	3,125	2,075	975	4,175
63" FDCL	7,150	230	77	0-100	20	6	4,575	3,100	1,575	6,200
67" FSCL	7,750	230	86	0-100	20	6	4,725	3,250	1,650	6,950
67" FDCL	8,375	230	92	0-130	25	4	5,200	3,500	1,700	7,525
72" FDCL	11,200	230	108	0-130	25	4	5,775	4,150	2,025	8,575
84" FDCL	16,900	230	136	0-175	33	2	8,300	6,175	3,125	12,050
84" FDCLDV	19,500	230/180	192/150	0-350	50	1/0	8,725	6,500	3,275	12,650
87" FDCL	19,700	230	156	0-175	40	2	9,200	6,875	3,450	13,375
87" FDCLDV	21,800	230/180	230/181	0-350	60	2/0	9,675	7,225	3,625	14,025
95" FDCL	22,300	230	184	0-350	50	1/0	11,200	9,600	4,925	15,875
95" FDCLDV	24,600	230/180	255/200	0-350	60	2/0	11,775	10,100	5,150	16,675

An electro magnet lifting capacity is based on optimum conditions. Variables in the size, density, composition and arrangement of materials to be lifted or variables within the magnetic power system can affect lift performance. Material descriptions are based upon specifications for iron and steel scrap published by the Institute of Scrap Recycling Industries. Lifting capacities are based on an all day average per lift.