

# Scrapmizer "L" Series Aluminum 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" FSAL	2,800	230	40	0-50	10	8	1,350	900	420	1,550
47" FDAL	3,100	230	44	0-50	15	8	1,600	1,100	525	1,800
57" FSAL	4,400	230	59	0-100	15	6	2,700	1,750	760	3,250
57" FDAL	4,700	230	64	0-100	15	6	2,850	1,800	810	3,350
63" FDAL	5,700	230	77	0-100	20	6	3,970	2,575	1,250	4,360
67" FSAL	6,000	230	86	0-100	25	6	4,150	2,700	1,300	4,950
67" FDAL	6,300	230	92	0-130	25	4	4,300	2,825	1,375	5,550
69" FDAL	6,900	230	93	0-130	25	4	4,725	3,125	1,425	6,025
72" FDAL	8,600	230	110	0-130	33	4	5,250	3,600	1,675	6,850
78" FDAL	10,500	230	128	0-130	33	2	6,350	4,450	2,200	8,200
84" FDAL	14,700	230	156	0-175	40	2	7,550	5,375	2,600	9,650
84" FDALDV	16,600	230/180	253/180	0-350	60	2/0	7,925	5,650	273	10,125
87" FDAL	16,800	230	158	0-175	40	2	8,375	5,975	2,875	10,700
87" FDALDV	19,000	230/180	230/198	0-350	60	2/0	8,790	6,275	3,025	11,225
95" FDAL	18,800	230	190	0-350	50	1/0	10,200	8,350	4,100	12,700
95" FDALDV	21,700	230/180	261/204	0-350	60	3/0	10,700	8,775	4,300	13,350

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.