

SCRAP LIFTING MAGNETS

The Scrapmaster II Series has been designed specifically to fit the needs of scrap processing operations. From a utilitarian 40" to a giant 100", magnet diameters and weights were selected to maximize the lifting capabilities of standard scrap handling cranes. The high lift-to-weight ratio of these magnets allows the movement of more and heavier scrap.

The Scrapmaster II Series magnet has a rugged ribbed case, heavy-duty manganese bottom plate, welded watertight construction and tough alloy steel chains for maximum durability. All elements are designed for top operating efficiency, with deadweight engineered out.

SPECIFICATIONS								LIFTING CAPACITY (lbs.)		
Model	Dia.	Approx. wt. (lbs.)	D.C. Voltage	Amps (cold)	Generator (KW)	Controller (amps)	Minimum Cable Size	#1 Heavy Melting	#2 Heavy Melting	Steel Turnings
40D	40"	1,800	230	35	10	50	#8	0 - 900	0 - 600	0 - 375
45DSH	45"	2,700	230	43	10	50	#8	0 - 1,500	0 - 1,030	0 - 480
48D	48"	2,900	230	58.5	15	75	#8	0 - 1,750	0 - 1,160	0 - 600
54DSH	54"	4,150	230	63	15	75	#6	0 - 2,560	0 - 1,660	0 - 730
57D	57"	4,400	230	75	20	75	#6	0 - 2,700	0 - 1,800	0 - 850
63DSH	63"	6,180	230	82	20	100	#4	0 - 3,970	0 - 2,580	0 - 1,230
66D	66"	6,400	230	91	30	100	#4	0 - 4,100	0 - 2,750	0 - 1,350
69DSH	69"	8,000	230	99	30	100	#4	0 - 4,520	0 - 3,000	0 - 1,360
72D	72"	8,300	230	113	30	125	#4	0 - 4,700	0 - 3,150	0 - 1,500
78D	78"	10,300	230	126	30	150	#2	0 - 5,700	0 - 3,800	0 - 2,000
87D	87"	12,500	230	168.5	40	175	#2	0 - 6,825	0 - 4,550	0 - 2,600
92D	92"	15,400	140	218	40	220	#2	0 - 8,500	0 - 5,660	0 - 3,000

SCRAPMASTER D MAGNETS



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.

- » 75% duty cycle standard
- » Steel Mill Operations
- » Foundry Operations
- » Scrap Yard Processing
- » Waste Processing
- » Crop Pit Applications
- » Under Water Applications
- » Burn Table Applications
- » Manufacturing Scrap Waste Handling
- » Fabrication Scrap Waste Handling
- » Demolition Clean Up
- » Hot Works Available

