OptiMag "D" SERIES
SCRAP HANDLING MAGNETS

Winkle ***OptiMag "D" Series*** lifting magnets are engineered and manufactured to provide optimum performance for scrap processing operations ensuring maximum utilization of crane capacity at the highest production levels.

These heavy-duty dependable magnets are offered in two models and are manufactured utilizing rugged fabricated and cast case constructions in conjunction with high impact resistant manganese steel bottom plates. All sizes incorporate a wear resistant layer of hard facing on pole shoe surfaces and come complete with a high alloy steel chain. Additional standard features include Class "H" insulations, easy access terminal box and watertight construction.

These "D" Series magnets have been engineered to achieve the best available lift-to-weight ratios and duty cycles. All sizes utilize deep or extra deep field aluminum wound coils and 75% continuous duty cycles; providing industry with extended magnet service life without sacrificing strength and durability.

Scrap processors worldwide continue to choose the OptiMag "D" Series magnets to achieve maximum saturation of material densities, crane utilization and saturation of material densities for peak magnet performance.

OPTIONAL FEATURES:

- Special Voltages Available
- Customer Specified Requirements

Model	Size	Magnet Weight		DC Voltage	Cold Amps	Generator Size	Cable Size	Controller Size	Lift Data* LBS (KG)		
		LBS	Kg						#1 HM	#2 HM	Turnings
DSA	34"	1,500	675	230	24	5 kW	12	2	850 (383)	525 (236)	350 (158)
EDSA	34"	1,700	765	230	25	7.5 kW	12	2	925 (416)	575 (259)	375 (169)
DSA	36"	1,625	731	230	25	10 kW	12	2	925 (416)	600 (270)	375 (169)
EDSA	36"	2,025	911	230	29	10 kW	12	2	1050 (473)	700 (315)	425 (191)
DSA	40"	2,075	934	230	36	10 kW	10	2	1500 (675)	925 (416)	425 (191)
EDSA	40"	2,300	1,035	230	38	10 kW	10	2	1650 (743)	1050 (473)	475 (214)
DSA	48"	3,100	1,395	230	47	15 kW	8	2	2150 (968)	1350 (608)	625 (281)
EDSA	48"	3,300	1,485	230	48	15 kW	8	2	2300 (1035)	1450 (653)	700 (315)
DSA	53"	3,825	1,721	230	55	15 kW	8	3	2475 (1114)	1500 (675)	775 (349)
DSA	58"	4,250	1,913	230	67	15 kW	8	3	3350 (1508)	2250 (1013)	1000 (450)
EDSA	58"	4,700	2,115	230	69	15 kW	8	3	3675 (1654)	2375 (1069)	1075 (484)
DSA	63"	5,625	2,531	230	78	20 kW	6	3	4250 (1913)	3250 (1463)	1200 (540)
DSA	68"	6,400	2,880	230	90	20 kW	6	3	4775 (2149)	3100 (1395)	1500 (675)
EDSA	68"	6,825	3,071	230	94	25 kW	6	3	4900 (2205)	3275 (1474)	1575 (709)
DSA	72"	8,450	3,803	230	111	25 kW	4	3	5750 (2588)	4000 (1800)	1775 (799)
EDSA	72"	8,600	3,870	230	114	25 kW	4	3	5900 (2655)	4175 (1879)	1825 (821)

* Lifting capacities are based on tests under optimum conditions. Variables in materials, operations and/or lifting equipment may affect performance. Material descriptions are based on specifications for Iron & Steel Scrap, published by the Institute of Scrap Recycling Industries.

ED = Extra-Deep **D = Deep** **S = Scrap** **A = Aluminum Coil**

Engineered for end-to-end productivity

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