

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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OptiMag "L" SERIES SCRAP HANDLING MAGNETS

Winkle **OptiMag "L" Series** lifting magnets are engineered and manufactured to optimize lifting magnet performance when crane capacity is an issue and high production is a requirement for scrap processing operations.

These lightweight dependable magnets are offered in two models and are manufactured utilizing rugged fabricated 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.

The "L" Series magnets have been engineered to achieve the best available lift-to-weight ratios and duty cycles. All sizes utilize 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 "L" Series magnets to achieve maximum crane utilization for optimum lifting 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
ELDSA	30"	895	403	230	18	5 kW	12	2	575 (258)	375 (169)	225 (101)
LDSA	30"	1,025	461	230	20	5 kW	12	2	625 (281)	425 (191)	250 (113)
ELDSA	34"	1,050	473	230	22	5 kW	12	2	700 (315)	450 (203)	250 (113)
LDSA	34"	1,275	574	230	23	5 kW	12	2	775 (348)	500 (225)	300 (135)
LDSA	36"	1,475	664	230	22	5 kW	12	2	850 (382)	525 (236)	325 (146)
ELDSA	40"	1,700	765	230	32	7.5 kW	10	2	1,250 (563)	775 (349)	350 (158)
LDSA	40"	1,850	833	230	34	7.5 kW	10	2	1,375 (619)	800 (360)	375 (169)
ELDSA	48"	2,500	1,125	230	44	10 kW	8	2	1,925 (866)	1,275 (574)	525 (236)
LDSA	48"	2,900	1,305	230	45	10 kW	8	2	2,075 (934)	1,300 (585)	600 (272)
LDSA	53"	3,650	1,643	230	53	15 kW	8	3	2,250 (1013)	1,375 (619)	650 (293)
ELDSA	58"	3,850	1,733	230	65	15 kW	8	3	3,025 (1361)	1,975 (889)	800 (360)
LDSA	58"	3,950	1,778	230	66	15 kW	8	3	3,150 (1418)	2,125 (956)	950 (430)
LDSA	63"	5,375	2,419	230	75	20 kW	6	3	3,875 (1744)	2,775 (1249)	1,150 (518)
ELDSA	68"	5,800	2,610	230	87	20 kW	6	3	4,425 (1991)	2,875 (1294)	1,425 (641)
LDSA	68"	6,000	2,700	230	88	20 kW	6	3	4,650 (2093)	2,950 (1328)	1,450 (653)
ELDSA	72"	7,500	3,375	230	102	25 kW	4	3	5,550 (2498)	3,800 (1710)	1,700 (765)
LDSA	72"	7,750	3,488	230	108	25 kW	4	3	5,625 (2531)	3,925 (1766)	1,725 (776)

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