

OPTIMAG CIRCULAR SCRAP MAGNET

WINKLE



The OptiMag circular scrap handling magnets are available in four standard models to enhance your organization's scrap processing operations by maximizing machine performance.

These top-of-the-line magnets are designed to work with any mobile or overhead crane and are engineered to ensure structural integrity and maximum payoff.

You can rely on a 75% continuous duty cycle from the industry's leader in lift-to-weight ratio while providing ultimate lifting capacity with an extended service life.



AVAILABLE OPTIONS

- Customer-Specified Requirements
- Custom Voltages
- Custom Sizes
- Copper-Wound Coils
- OptiGen Self-Contained DC Magnet Power Supply

Heavy-Duty Fabricated & Cast Steel Cases

High-Impact Resistant Manganese Steel Bottom Plate

High Alloy Grade 80 Chain Assembly

Quenched and Tempered Alloy Pins and Collars

Wear Resistant Hard-Faced Pole Shoes

230 Volt DC Operation

Deep-Field & Extra Deep-Field Aluminum Coils

Class "H" Insulations

75% Continuous Duty Cycle

Moisture & Shock Resistant High-Dielectric Compound

MODEL	SIZE DIA.	WEIGHT LBS (KG)	AMPERAGE COLD	VOLTAGE DC	MINIMUM POWER REQ.	MINIMUM CABLE REQ.	LIFT DATA* LBS (KG)		TURNINGS
							#1 HEAVY MELT	#2 HEAVY MELT	
ELDSA	30"	895 (406)	18	230	5 kW	#12	575 (261)	375 (170)	225 (102)
LDSA	30"	1,025 (465)	20	230	5 kW	#12	625 (283)	425 (193)	250 (113)
ELDSA	34"	1,050 (476)	22	230	5 kW	#12	700 (318)	450 (204)	275 (125)
LDSA	34"	1,275 (578)	23	230	5 kW	#12	775 (352)	500 (227)	300 (136)
DSA	34"	1,500 (680)	24	230	5 kW	#12	850 (386)	525 (238)	350 (159)
EDSA	34"	1,700 (771)	25	230	7.5 kW	#12	925 (420)	575 (261)	375 (170)
LDSA	36"	1,475 (669)	22	230	5 kW	#12	850 (386)	525 (238)	350 (159)
DSA	36"	1,625 (737)	25	230	7.5 kW	#12	925 (420)	600 (272)	375 (170)
EDSA	36"	2,025 (919)	29	230	7.5 kW	#12	1,050 (476)	700 (318)	425 (193)
ELDSA	40"	1,700 (771)	32	230	7.5 kW	#10	1,250 (567)	775 (352)	400 (181)
LDSA	40"	1,850 (839)	34	230	7.5 kW	#10	1,375 (624)	800 (363)	425 (193)
DSA	40"	2,075 (941)	36	230	9 kW	#10	1,500 (680)	925 (420)	450 (204)
EDSA	40"	2,300 (1,043)	38	230	9 kW	#10	1,650 (748)	1,050 (476)	475 (215)
ELDSA	48"	2,500 (1,134)	44	230	10 kW	#8	1,925 (873)	1,275 (578)	625 (283)
LDSA	48"	2,900 (1,315)	45	230	10 kW	#8	2,075 (941)	1,300 (590)	650 (295)
DSA	48"	3,100 (1,406)	47	230	10 kW	#8	2,200 (998)	1,350 (612)	700 (318)
EDSA	48"	3,300 (1,497)	48	230	13 kW	#8	2,350 (1,066)	1,450 (658)	750 (340)
LDSA	53"	3,650 (1,656)	53	230	13 kW	#8	2,475 (1,123)	1,625 (737)	800 (363)
DSA	53"	3,825 (1,735)	55	230	13 kW	#8	2,650 (1,202)	1,775 (805)	825 (374)
ELDSA	58"	3,850 (1,746)	65	230	15 kW	#8	3,025 (1,372)	1,975 (896)	950 (431)
LDSA	58"	3,950 (1,792)	66	230	15 kW	#8	3,150 (1,429)	2,125 (964)	1,025 (465)
DSA	58"	4,250 (1,928)	67	230	15 kW	#8	3,350 (1,520)	2,250 (1,021)	1,125 (510)
EDSA	58"	4,700 (2,132)	69	230	15 kW	#8	3,675 (1,667)	2,375 (1,077)	1,200 (544)
LDSA	63"	5,375 (2,438)	75	230	17 kW	#6	3,975 (1,803)	2,650 (1,202)	1,300 (590)
DSA	63"	5,625 (2,551)	78	230	17 kW	#6	4,250 (1,928)	2,725 (1,236)	1,375 (624)
ELDSA	68"	5,800 (2,631)	87	230	20 kW	#6	4,425 (2,007)	2,875 (1,304)	1,500 (680)
LDSA	68"	6,000 (2,722)	88	230	20 kW	#6	4,650 (2,109)	2,975 (1,349)	1,525 (692)
DSA	68"	6,400 (2,903)	90	230	20 kW	#6	4,775 (2,166)	3,125 (1,417)	1,575 (714)
EDSA	68"	6,825 (3,096)	94	230	20 kW	#6	4,925 (2,234)	3,300 (1,497)	1,675 (760)
ELDSA	72"	7,500 (3,402)	102	230	25 kW	#4	5,550 (2,517)	3,850 (1,746)	1,775 (805)
LDSA	72"	7,750 (3,515)	108	230	25 kW	#4	5,625 (2,551)	3,975 (1,803)	1,850 (839)
DSA	72"	8,450 (3,833)	111	230	25 kW	#4	5,750 (2,608)	4,125 (1,871)	1,900 (862)
EDSA	72"	8,600 (3,901)	114	230	25 kW	#4	5,900 (2,676)	4,200 (1,905)	1,950 (885)
DSA	78"	10,200 (4,627)	131	230	30 kW	#2	6,950 (3,152)	4,475 (2,030)	2,250 (1,021)
EDSA	78"	10,750 (4,876)	133	230	30 kW	#2	7,150 (3,243)	4,700 (2,132)	2,325 (1,055)
DSA	84"	12,950 (5,874)	165	230	40 kW	#2	7,950 (3,606)	5,375 (2,438)	2,700 (1,225)
DSA-DV	84"	12,950 (5,874)	207/162	230/180	45 kW	1/0	8,350 (3,787)	5,650 (2,563)	2,850 (1,293)
EDSA	84"	13,650 (6,192)	169	230	40 kW	#2	8,225 (3,731)	5,625 (2,551)	2,825 (1,281)
EDSA-DV	84"	13,650 (6,192)	212/165	230/180	45 kW	1/0	8,625 (3,912)	5,875 (2,665)	2,975 (1,349)
DSA	88"	14,800 (6,713)	179	230	40 kW	#1	8,975 (4,071)	6,100 (2,767)	3,150 (1,429)
DSA-DV	88"	14,800 (6,713)	235/184	230/180	55 kW	2/0	9,450 (4,286)	6,350 (2,880)	3,300 (1,497)
EDSA	88"	15,175 (6,883)	188	230	40 kW	#1	9,325 (4,230)	6,325 (2,869)	3,275 (1,486)
EDSA-DV	88"	15,175 (6,883)	245/191	230/180	55 kW	2/0	9,825 (4,457)	6,575 (2,982)	3,450 (1,565)
DSA	93"	16,500 (7,484)	212	230	45 kW	1/0	10,600 (4,808)	7,925 (3,595)	3,975 (1,803)
DSA-DV	93"	16,500 (7,484)	281/220	230/180	65 kW	3/0	11,100 (5,035)	8,375 (3,799)	4,125 (1,871)
EDSA	93"	17,450 (7,915)	219	230	55 kW	1/0	10,950 (4,967)	8,350 (3,787)	4,100 (1,860)
EDSA-DV	93"	17,450 (7,915)	297/233	230/180	65 kW	4/0	11,475 (5,205)	8,800 (3,992)	4,325 (1,962)
DSA	98"	20,675 (9,378)	237	230	55 kW	2/0	12,225 (5,545)	9,750 (4,423)	4,800 (2,177)
DSA-DV	98"	20,675 (9,378)	322/252	230/180	70 kW	4/0	12,750 (5,783)	10,400 (4,717)	4,950 (2,245)
EDSA	98"	21,375 (9,695)	246	230	55 kW	2/0	12,575 (5,704)	10,375 (4,706)	4,925 (2,234)
EDSA-DV	98"	21,375 (9,695)	345/270	230/180	75 kW	250 MCM	13,125 (5,953)	11,025 (5,001)	5,200 (2,359)

*Lifting capacities may be affected by variables in materials, operations and/or auxiliary power equipment. Material descriptions are based on specifications for Iron & Steel Scrap, published by the Institute of Scrap Recycling Industries.