



## SCRAP HANDLING MAGNETS

### ENGINEERED TO OPTIMIZE PERFORMANCE

SENNEBOGEN offers four models 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 water resistance construction.

These 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 deliver 75% continuous duty cycles; providing industry with extended magnet service life without sacrificing strength and durability.

#### OPTIONAL FEATURES:

- Special Voltages Available
- Customer Specified Requirements



# DSA - EDSA

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

Model	Size (Dia)	Magnet Weight		DC Voltage	Cold Amps	Generator Size	Cable Size #	Lift Data* lbs (kg)		
		lbs	kg					#1 HM	#2 HM	Turnings
DSA	34"	1,500	680	230	24	5 kW	12	850 (386)	525 (238)	350 (159)
EDSA	34"	1,700	771	230	25	7.5 kW	12	925 (420)	575 (261)	375 (170)
DSA	36"	1,625	737	230	25	7.5 kW	12	925 (420)	600 (272)	375 (170)
EDSA	36"	2,025	919	230	29	7.5 kW	12	1,050 (476)	700 (318)	425 (193)
DSA	40"	2,075	941	230	36	9 kW	10	1,500 (680)	925 (420)	450 (204)
EDSA	40"	2,300	1,043	230	38	9 kW	10	1,650 (748)	1,050 (476)	475 (215)
DSA	48"	3,100	1,406	230	47	10 kW	8	2,200 (998)	1,350 (612)	700 (318)
EDSA	48"	3,300	1,497	230	48	13 kW	8	2,350 (1,066)	1,450 (658)	750 (340)
DSA	53"	3,825	1,735	230	55	13 kW	8	2,650 (1,202)	1,775 (805)	825 (374)
DSA	58"	4,250	1,928	230	67	15 kW	8	3,350 (1,520)	2,250 (1,021)	1,125 (510)
EDSA	58"	4,700	2,132	230	69	15 kW	8	3,675 (1,667)	2,375 (1,077)	1,200 (544)
DSA	63"	5,625	2,551	230	78	17 kW	6	4,250 (1,928)	2,725 (1,236)	1,375 (624)
DSA	68"	6,400	2,903	230	90	20 kW	6	4,775 (2,166)	3,125 (1,417)	1,575 (714)
EDSA	68"	6,825	3,096	230	94	20 kW	6	4,925 (2,234)	3,300 (1,497)	1,675 (760)
DSA	72"	8,450	3,833	230	111	25 kW	4	5,750 (2,608)	4,125 (1,871)	1,900 (862)
EDSA	72"	8,600	3,901	230	114	25 kW	4	5,900 (2,676)	4,200 (1,905)	1,950 (885)

# ELDSA - LDSA

E = Extra L = Light D = Deep Field S = Scrap A = Aluminum Coil

Model	Size (Dia)	Magnet Weight		DC Voltage	Cold Amps	Generator Size	Cable Size #	Lift Data* lbs (kg)		
		lbs	kg					#1 HM	#2 HM	Turnings
ELDSA	30"	895	406	230	18	5 kW	12	575 (261)	375 (170)	225 (102)
LDSA	30"	1,025	465	230	20	5 kW	12	625 (283)	425 (193)	250 (113)
ELDSA	34"	1,050	476	230	22	5 kW	12	700 (318)	450 (204)	275 (125)
LDSA	34"	1,275	578	230	23	5 kW	12	775 (352)	500 (227)	300 (136)
LDSA	36"	1,475	669	230	22	5 kW	12	850 (386)	525 (238)	350 (159)
ELDSA	40"	1,700	771	230	32	7.5 kW	10	1,250 (567)	775 (352)	400 (181)
LDSA	40"	1,850	839	230	34	7.5 kW	10	1,375 (624)	800 (363)	425 (193)
ELDSA	48"	2,500	1,134	230	44	10 kW	8	1,925 (873)	1,275 (578)	625 (283)
LDSA	48"	2,900	1,315	230	45	10 kW	8	2,075 (941)	1,300 (590)	650 (295)
LDSA	53"	3,650	1,656	230	53	13 kW	8	2,475 (1,123)	1,625 (737)	800 (363)
ELDSA	58"	3,850	1,746	230	65	15 kW	8	3,025 (1,372)	1,975 (896)	950 (431)
LDSA	58"	3,950	1,792	230	66	15 kW	8	3,150 (1,429)	2,125 (964)	1,025 (465)
LDSA	63"	5,375	2,438	230	75	17 kW	6	3,975 (1,803)	2,650 (1,202)	1,300 (590)
ELDSA	68"	5,800	2,631	230	87	20 kW	6	4,425 (2,007)	2,875 (1,304)	1,500 (680)
LDSA	68"	6,000	2,722	230	88	20 kW	6	4,650 (2,109)	2,975 (1,349)	1,525 (692)
ELDSA	72"	7,500	3,402	230	102	25 kW	4	5,550 (2,517)	3,850 (1,746)	1,775 (805)
LDSA	72"	7,750	3,515	230	108	25 kW	4	5,625 (2,551)	3,975 (1,803)	1,850 (839)

\* Lifting capacities are based on tests under optimum conditions. Variables in materials, operations and/or lifting equipment may affect performance.

PURPOSE-BUILT FROM THE GROUND UP

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