

## AWL / CWL Series

- Production scrap and Mill Duty magnets
- Product Applications include:
  - Scrap Handling
  - Slag Reclamation
  - Drop Ball Handling
  - Ingots Handling
  - Crop End Handling
  - Mold Handling
- Heavy Duty cast case construction
- AWL (aluminum)/CWL (copper) coil designs
- 230 VDC standard, special voltages available
- Hotwork designs available on request



### TECHNICAL SPECIFICATIONS (Aluminum Wound Coils)

### AVERAGE LIFTING CAPACITY IN POUNDS\*

Size (Dia.)	Cold Amps at 230 VDC	Required KW	Magnet Shipping Weight	Wire Size	Controller Size	#1 H. M.	#2 H. M.	Steel Turnings
47 AWL	40	9.3	3,250	#8	RD-1W / MC-1A	1,900	600-1100	650
57 AWL	54	12.5	5,650	#6	RD-1W / MC-1A	3,000	750-1600	1,000
61 AWL	74	17	6,900	#4	RD-1W / MC-1A	3,900	1100-2000	1,300
66 AWL	76	17.4	7,650	#4	RD-1W / MC-1A	4,450	2800-3300	1,500
72 AWL	103	23.6	10,250	#4	MC-1.5A	5,700	3500-4300	2,250
76 DAWL	123	28.4	15,700	#2	MC-1.5A	7,750	4700-6000	2,450
83 DAWL	139	32.1	19,300	#2	MC-2A	9,000	5500-7000	2,850
93 DAWL	151	34.7	23,400	#2	MC-2A	11,400	7000-8700	4,100

\* Material descriptions are based on specifications for Iron & Steel Scrap, published by the Institute of Scrap & Steel, Washington, D.C. Capacities are based on tests under optimum conditions. Performance will vary with specific conditions.