

POW-R-LITE™ MAGNETS



The POW-R-LITE™ Series of magnets are fabricated magnets designed for rail, construction, and material handling – a smart choice for light duty scrap and general steel plate handling.

- Sizes 20" to 40" (508 to 1016 mm) diameter
- Powerful, lightweight, portable for smaller equipment and factory overhead cranes
- High duty-cycle, mechanically tough pieces of equipment
- Low initial investment, high productivity and low maintenance costs
- Lifting capability range – 150 to 1,220 lbs.
- Fabricated case construction
- Aluminum or copper wound coil designs available
- Chain suspension standard, optional quick disconnect interface
- 230VDC standard
- Applications



Track sweeping/rail maintenance-of-way operations

- Scrap handling
- Plate handling
- Burnout tables

TECHNICAL SPECIFICATIONS

Average Lifting Capacity in lbs.*

SIZE (DIA.)	COLD AMPS AT 230 VDC	REQUIRED KW	APPROX. MAGNET SHIPPING WEIGHT	WIRE SIZE	CONTROLLER SIZE	SINGLE SLAB OR BILLET	#1 H. M.*	#2 H. M.*	STEEL TURNINGS*
20	4	1	350	#10	CDS	5,300	150	75	50
25	10	2.3	655	#10	CDS	7,700	300	150	100
30	16	3.7	960	#10	CDS	10,000	550	300	175
34	20	4.6	1,510	#10	CDS	13,000	845	460	270
40	30	6.9	2,030	#8	MC-1A	16,500	1,220	580	330

*Lifting capacities are approximations based on calculated estimates or factory test results for a new magnet at 25° C and may not be representative of actual results under varying field conditions. Material description based on specifications for iron and steel scrap published by the Institute of Scrap Recycling Industries.

OHIO MAGNETICS, INC.
 5400 DUNHAM RD | MAPLE HEIGHTS, OH | 44317-3687
 TEL: (216) 662-8484 | sales@ohiomagnetics.com
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