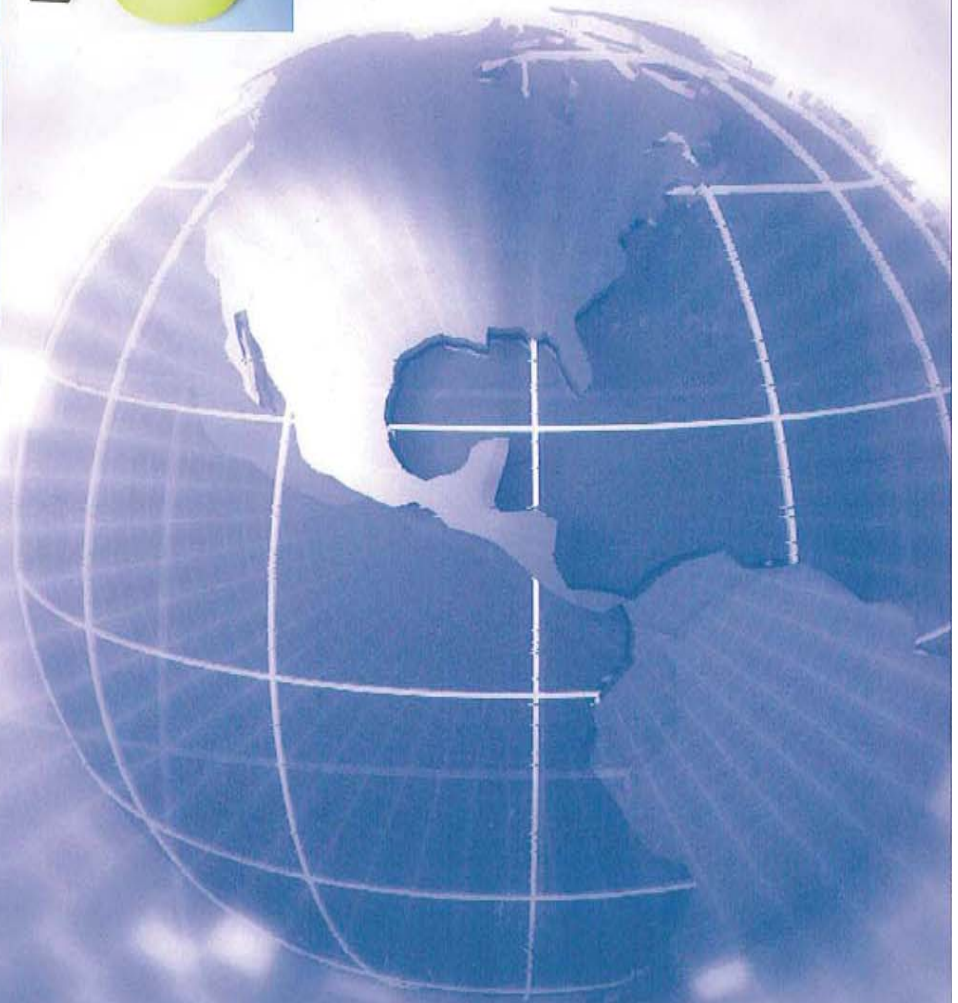




Magnetic Solutions Since 1896

# Self-Contained LIFT MAGNETS

Permanent / Battery Powered / Circular Electric



# EFFICIENT MATERIAL HANDLING

Walker Self-Contained Lifting Magnets are versatile, compact — and easy to operate.

- Permanent magnets operate with the push of a handle. There are no restrictive cords and no power is needed.
- Battery magnets use their own power source and can be turned on or off using either I.R. Remote Transmitter or by push button.
- Circular Electric magnets use a recessed "ON-OFF-Release" switch. A remote option is also available.

Self-contained magnets can be used to move material in any plant, shipping/receiving area and storerooms, as well as on cut-off saws and burning and welding tables. Some units are able to handle pipe, tubing I and H beams, angles, channels, Tees, Zees and pilings.

PERMANENT  
ELECTRIC  
BATTERY



# PERMANENT LIFT MAGNETS

For Flat and Round Material Handling



## NEO-125, 250, 500, 1000 AND 2000

for Flat and Round Material Handling

The NEO-125, 250, 500, 1000 and 2000 Series material handling magnets are used in steel, supply, machine and die shops where heavy steel objects must be moved quickly and safely.

- High lift capacity
- Ease of operation
- Low weight...easy to move
- No power consumption
- Handle locks in "ON & OFF" positions to prevent unintentional operation
- Meets all the requirements of ANSI/ASME B30.20 (Safety standard)
- Supplied with manual, pull-test certificate, and safety posters

■ The maximum rated lift is based upon lifting a clean, smooth, flat, low-carbon steel plate, 1.5" (38mm) or thicker with the full area of the magnet's lifting surface in contact with the load.

■ Derating is required for plates with rust or scale, plates thinner than 1.5" (38mm) and alloy steels.

■ Please consult the OPERATOR'S MANUAL AND SAFETY INSTRUCTIONS for more detailed ratings.

### SPECIFICATIONS

Model No.	Length		Width		Height		Weight	
	in.	mm	in.	mm	in.	mm	lbs.	kg
NEO-125	3.6	92	2.3	59	4	101	6	2.7
NEO-250	5.9	151	4	100	6	167	22	10
NEO-500	9.7	246	4.7	120	6	167	42	19
NEO-1000	12.4	316	5.8	147	8.5	216	80	36
NEO-2000	19	483	6.5	165	9.8	249	198	90

### LIFTING CAPACITY

Model No.	Cap. on Plate		Cap. on Rounds	
	lbs.	kg	lbs.	kg
NEO-125	0 - 275	0 - 125	0 - 50	0 - 25
NEO-250	0 - 550	0 - 250	0 - 275	0 - 125
NEO-500	0 - 1,100	0 - 500	0 - 550	0 - 250
NEO-1000	0 - 2,200	0 - 1000	0 - 1,100	0 - 500
NEO-2000	0 - 4,400	0 - 2000	0 - 2,200	0 - 1000

# BATTERY POWERED LIFT MAGNETS

For Flat and Round Material Handling



## WBM-13, 25, 36 & 50 LOCAL AND CORDLESS REMOTE CONTROLLED

for Flat Material Handling

These magnets are compact, mobile, self-contained battery-powered units. Operating on their own power sources, they are free of restrictive cords and wires; they also have the added advantage of being usable in areas where electricity is not available.

### STANDARD FEATURES

- Built-in automatic cut-off charger prevents over-charging battery
- Audible Warning Alarm & Flashing Light indicates low battery
- Interlock prevents magnet de-energization when suspended in air
- Magnet cannot be turned "ON" if battery charge is too low

### SPECIFICATIONS

Model No.	Length		Width		Height to Crane Hook		Net wt.		Ship wt.	
	in.	mm	in.	mm	in.	mm	lbs.	kg	lbs.	kg
WBM-13	16.3	414	8.6	218	22	559	190	86	200	91
WBM-25	21	533	9.6	244	23	584	275	125	290	132
WBM-36	48	1219	9.6	244	23	584	560	254	580	263
WBM-50	60	1524	12	305	23	584	650	295	700	318

Batteries not included

## WBP-7 & WBP-15 BI-POLAR SERIES CORDLESS REMOTE CONTROLLED

for Flat, Round and Shaped Material Handling

The special feature of this battery bi-polar magnet is the unique design of the pole shoe, that enables it to handle a wide variety of structural shapes and rounds.

### SPECIFICATIONS

Model No.	Length		Width		Height to Crane Hook		Net wt.		Ship wt.	
	in.	mm	in.	mm	in.	mm	lbs.	kg	lbs.	kg
WBP-7	18.5	470	9.5	241	28	706	390	177	410	186
WBP-15	30	762	10.5	267	30	762	700	318	775	352

Batteries not included

### Rated Lift Capacity on AISI Steel

Model No.	Flat Stock		Round Stock	
	lbs.	kg	lbs.	kg
WBM-13	0 - 3,000	0 - 1350	n/a	
WBM-25	0 - 5,500	0 - 2500	n/a	
WBM-36	0 - 8,000	0 - 3600	n/a	
WBM-50	0 - 11,000	0 - 5000	n/a	
WBP-7	0 - 1,665	0 - 750	0 - 1,665	0 - 755
WBP-15	0 - 3,330	0 - 1500	0 - 3,330	0 - 1511

Maximum rated lift is based upon lifting clean, smooth, flat, low-carbon steel plate, 2" or thicker with the full area of the magnet's lifting surface in contact with the load.



### RECOMMENDED APPLICATIONS

- These versatile magnets are used in many areas of applications; handling of plates, die blocks, machined components, smooth castings and forgings. These battery powered magnets are extremely useful throughout any plant, shipping and receiving areas, store-rooms, on cut-off saws, burning and welding tables, and with other machine tools such as grinders, shapers, drill presses and more.



### RECOMMENDED APPLICATIONS

- The WBP Series Magnet is ideally suited for handling pipe, tubing, bar stock, billets, I beams, H beams, angles, channel, Tees, Zees and pilings.
- Although the WBP is specially designed to handle structural shapes and rounds, the bi-polar configuration also lifts plate, forgings and castings.
- WBP-7 & WBP-15 lifting magnets are ideal for loads with a thickness of 1/4" or greater, and diameters between 1 inch and 12 inches.

### IR Remote Transmitter\*

supplied with each WBM — WBP Magnet

- Dual push button release
- Clip allows operator to attach to belt or pocket
- Single push button lift
- Additional remote control units available at nominal cost

\* Standard with all WBM, WBP Magnets

# NEO-HV

For Vertical Handling



## NEO-HV

For Vertical Loading into Machining Centers and Lathes

Lift from Horizontal to Vertical Quickly and Efficiently

Walker NEO-HV material lifting magnets handle loading of flat, ferrous metal workpieces onto any machining center with horizontal spindle type lathes.

They are used to load machining centers, boring machines and other chip-making operations.



Lifting Capacities (Based on flat AISI 1020 Steel)

	Rated Lift Cap.		Plate Width		Plate Length		Plate Thickness		Length		Weight	
	lbs	kg	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
NEO-HV 250	0 - 550	0 - 250	11.8 - 31.5	300 - 800	8 - 60	203 - 1524	0.25 - 5.9	6 - 150	38	965	60	27
NEO-HV 500	0 - 1,100	0 - 500	11.8 - 39.4	300 - 1000	12 - 72	305 - 1829	0.31 - 9.8	8 - 249	46	1168	86	39
NEO-HV 1000	0 - 2,200	0 - 1000	11.8 - 39.4	300 - 1000	12.5 - 79	318 - 2007	0.39 - 11.8	10 - 300	48	1219	158	72

# CER SERIES

## CIRCULAR ELECTRIC LIFT MAGNETS

For Flat Material Handling



A CER magnet is the least costly but most powerful magnet available. Due to the deep penetration of its magnetic field, it is less susceptible to adverse surface conditions than any other self-contained magnet.

### STANDARD FEATURES

- Recessed "ON-OFF-RELEASE" switch is protected against accidental operation
- Low-carbon steel body for maximum magnetic performance
- Built-in solid state rectifier permits operation from 115 volt AC outlet

### SPECIFICATIONS

Model No.	Power required at 115/1/60 supply (watts)	Net Wt.		Dia.		Height to Hook		Rated lift	
		lbs.	kg	in.	mm	in.	mm	lbs.	kg
CER-5	92	22	10	5.12	130	9.8	248	0 - 600	0 - 300
CER-7	135	41	19	6.75	172	11.3	286	0 - 1,200	0 - 600
CER-9	208	90	41	9	229	11.8	299	0 - 2,400	0 - 1100
CER-12	420	140	64	12	305	13.6	346	0 - 4,000	0 - 1800
CER-16	495	340	154	16	406	14.5	368	0 - 7,250	0 - 3300
CER-20	1050	575	261	20	508	15	381	0 - 10,500	0 - 4800

### RECOMMENDED APPLICATIONS

- CER magnets are ideally suited for in-plant handling of steel plate, flat stock, castings, forgings or machined components in all types of industrial plants, machine shops, fabricating shops and steel warehouses. Handling of loose parts such as nuts or bolts is also a popular application for the CER-16 and CER-20.

- Remote Control with 10' cable is available as an accessory but must be specified with original order.

\* Maximum rated lift is based upon lifting clean, smooth, flat, low-carbon steel plate, 2" or thicker with the full area of the magnet's lifting surface in contact with the load.



# WALKER MAGNETICS

Magnetic Solutions Since 1896

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