

SELF-CONTAINED LIFT MAGNETS

***Over 116
Years of***

**LIFTING
MAGNETS
EXPERIENCE**

- ***PERMANENT***
- ***ELECTRIC***
- ***BATTERY
OPERATED***



Walker Magnetics
600 Day Hill Road
Windsor, CT 06095
800-962-4638

Walker National
2195 Wright Brothers Ave
Columbus, OH 43212
(614) 492-1614 FAX (614) 492-1618

www.walkermagnet.com

EFFICIENT MATERIAL HANDLING

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

- Permanent magnets operate by rotating a handle. There are no restrictive cords and no power is needed.
- Battery Powered magnets use a heavy-duty 12 VDC battery and can be turned on and off using a touch pad mounted on the front of the magnet or a hand held I/R remote transmitter.
- Circular Electric magnets use recessed Lift and Release push buttons or a hand held I/R remote to power and release the magnet.

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

PERMANENT

BATTERY

ELECTRIC



Manuals, posters and training CD included with all Walker lifting magnets. Additional manuals can be downloaded at www.walkermagnet.com.

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 service centers, machine and die shops and saw areas 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 capacity is based upon lifting a clean, smooth, flat, low carbon steel plate equal to or thicker than the following plate thicknesses for each magnet model; NEO-125/1", NEO-250/2.5", NEO-500/2.5", NEO-1000/3", NEO-2000/4", with the full area of the magnet's lifting surface in contact with the load.

■ Derating is required for plates with rust or scale, alloy steels, and plates that are thinner than each magnet's maximum rated plate thickness; NEO-125/1", NEO-250/2.5", NEO-500/2.5", NEO-1000/3", NEO-2000/4".

■ 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

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 lift magnets handle loading of flat, ferrous metal work-pieces onto a machining center or lathes with horizontal spindles. They can also be used to load material into vertical racks for storage. Turn your standard NEO magnet into an HV unit by adding a lift arm.



Lifting Capacities (Based on flat AISI 1020 Steel)

	Rated Lift Cap.		Plate Width		Plate Length		Plate Thickness		Arm 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" push buttons 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
- IR remote 15' from magnet

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.

* 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.

BATTERY POWERED LIFT MAGNETS

For Flat and Round Material Handling



BUX BM2 MAGNETS have convenient push buttons on the front panel and an I/R remote that operates from up to 15 feet.

These magnets are compact, mobile, self-contained using a heavy duty 12 volt battery. Operating on this battery source they are free of restrictive cords and wires. They also have the added advantage of being useful in areas where electricity is not available.

STANDARD FEATURES

- The battery charger has an automatic cut-off to prevent over-charging battery
- Audible Warning Alarm & Flashing Light indicates low battery
- Interlock prevents magnet de-energization when suspended in air

SPECIFICATIONS

Model No.	Length		Width		Height to Crane Hook		Net wt.		Ship wt.	
	in.	mm	in.	mm	in.	mm	lbs.	kg	lbs.	kg
BUX BM2-13	16.3	414	8.6	218	22	559	190	86	200	91
BUX BM2-25	21	533	9.6	244	23	584	275	125	290	132
BUX BM2-36	48	1219	9.6	244	23	584	560	254	580	263
BUX BM2-50	60	1524	12	305	23	584	650	295	700	318

Batteries sold separately

BUX BP-7 & BP-15 BI-POLAR SERIES WITH PUSH BUTTONS AND I/R REMOTE

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
BUX BP2-7	18.5	470	9.5	241	28	706	390	177	410	186
BUX BP2-15	30	762	10.5	267	30	762	700	318	775	352

Batteries sold separately

Rated Lift Capacity on AISI Steel

Model No.	Flat Stock		Round Stock	
	lbs.	kg	lbs.	kg
BUX BM2-13	0 - 3,000	0 - 1350	n/a	
BUX BM2-25	0 - 5,500	0 - 2500	n/a	
BUX BM2-36	0 - 8,000	0 - 3600	n/a	
BUX BM2-50	0 - 11,000	0 - 5000	n/a	
BUX BP2-7	0 - 1,665	0 - 750	0 - 1,665	0 - 755
BUX BP2-15	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 BUX BP2 Series Magnet is ideally suited for handling pipe, tubing, bar stock, billets, I beams, H beams, angles, channel, Tees, Zees and pilings.
- Although the BUX BP2 is specially designed to handle structural shapes and rounds, the bi-polar configuration also lifts plate, forgings and castings.
- BUX BP2-7 & BUX BP2-15 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 BM — BP 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 BUX BM2, BUX BP2 Magnets

The **Walker Ex-Beam** is an adjustable spreader beam that gives you the flexibility to maneuver long unwieldy objects with your choice of tooling apparatus.

- The Ex-Beam hangers are reversible for turning rectangular magnets for lifting thin plates less than 1.5" thick
- The Ex-10 has 6 adjustments on 4" centers. The Ex-12 has 3 adjustments on 4" centers



Slings



Electric Magnets



Permanent Magnets



Chains

- Available in two sizes: Ex-10 and Ex-12
- Ex10 SPECS- Load Rating (2,200lbs.)
Total travel length (66.0")
Beam weight (220lbs.)
- Ex12 SPECS- Load Rating (8,800lbs.)
Total travel length (66.0")
Beam Weight (310lbs.)

ADDITIONAL WALKER PRODUCTS

WALKER MAGNETICS

SCRAP LIFTING MAGNETS

Over 100 Years of
SCRAP HANDLING EXPERIENCE

Over 100 Years of
Steel Handling Experience

Permanent Magnets
won't drop
load due to
loss of
electricity

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ELECTRO-PERMANENT MAGNETS

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MATERIAL HANDLING EXPERIENCE

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Cuts
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WALKER MAGNETICS

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STEEL HANDLING EXPERIENCE

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WALKER MAGNETICS

PLATE HANDLING MAGNETS

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STEEL HANDLING EXPERIENCE

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