

Dailey Supply, Inc.

Walker Magnets

Offered By:

Dailey Supply

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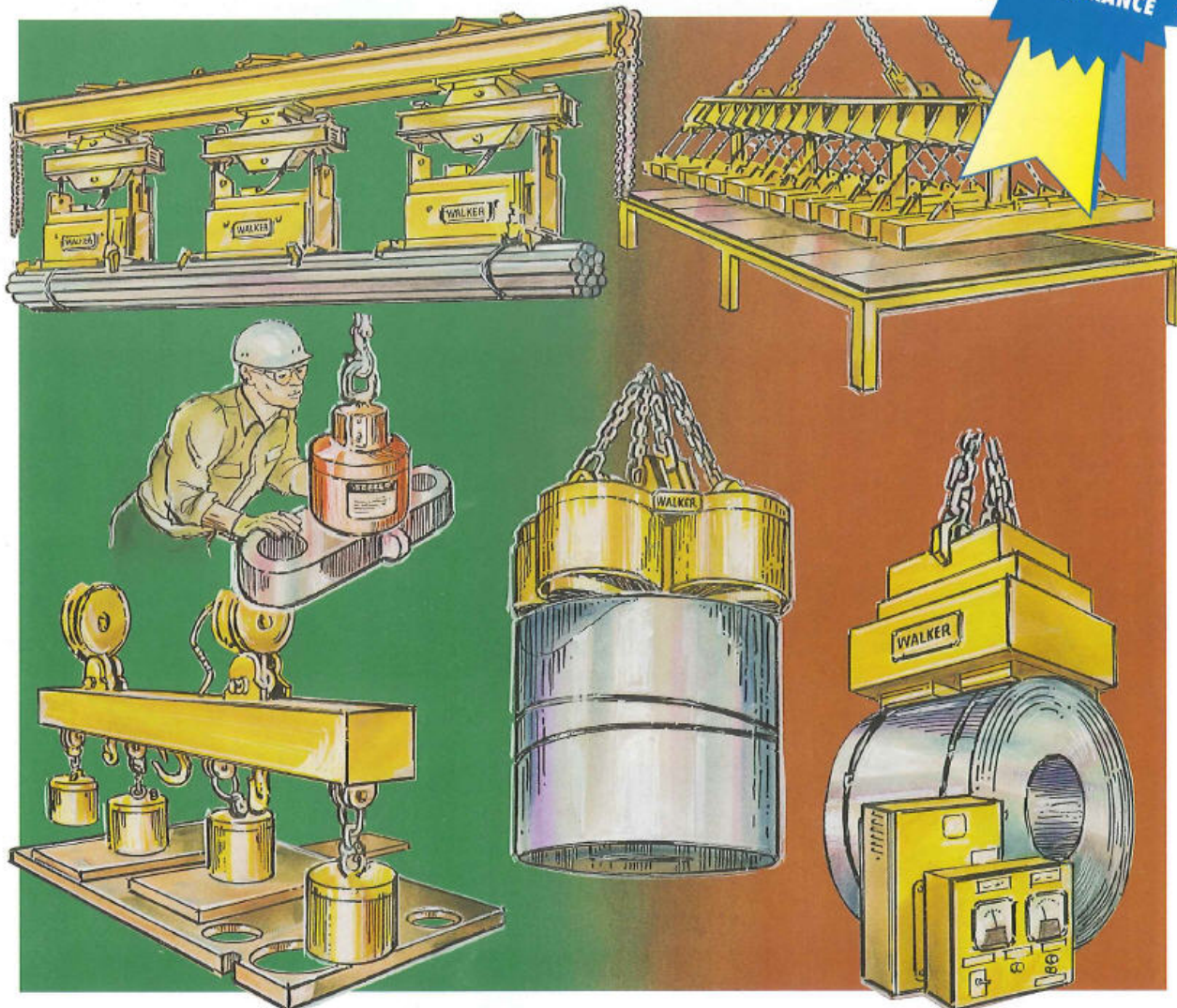
mike@daileysupply.com

Walker
Guaranteed
Performance
for Over
100
years

WALKER

Material Handling LIFT MAGNETS

Guaranteed
WALKER
PERFORMANCE



**Designed for Laser Cutting, Flame & Plasma Plate
Cutting, Coils, Shapes, Bundle & Beams**

See More Photos
& Demonstrations
At:

From the Magnet Specialists...

WALKER

**WALKER
MAGNETICS**

100 MODELS OF
MATERIAL HANDLING
MAGNETS

WALKER Lift Magnets are Specially

Put Walker Experience to Work For You...

Choosing the correct lift magnet or a lift magnet system requires a great deal of knowledge and experience. Since applications vary greatly, many of the applications shown in this brochure require different types of lift magnets.

One type of magnet simply won't be the best for all jobs.

Because of these varied applications, Walker has developed a complete line of Permanent, Electro-Permanent, Electromagnetic, and Battery Powered Lift Magnets.

So... when you are looking for a magnet solution, contact Walker Magnetics. Our magnet specialists can design and engineer the most effective lift magnet system for your application.

FLAME & PLASMA PLATE CUTTING

- ☐ Total or selective coverage
- ☐ Efficient loading of plates, and unloading individual pieces and skeletons for burning table operations
- ☐ Quick parts removal eliminates idle machine time



Flame cut parts can be lifted all at one time



Infra-Red Remote Control Walker Self-Contained Battery Lift Magnets can lift steel up to 11,000 lbs.



Maximum magnetic coverage for clearing cut parts and skeletons



4 Walker Circular Magnets load and unload cut parts and skeletons from burning tables



Designed For These Applications:

LASER CUTTING

Walker Magnets allow you to load and unload cut parts quickly and efficiently. Quick parts removal eliminates idle machine time.



**TOTAL
COVERAGE
MAGNETS**

This 8 foot x 20 foot Total Coverage Magnet carries the skeleton to the scrap truck after releasing the cut parts at the sorting station.

COIL HANDLING

The easiest, fastest and most economical way to lift and handle coiled strip steel is to use powerful magnets designed specially for the job. Since the magnet is in contact and holding only the top of the coil, potential coil damage is virtually eliminated.



**EYE-HORIZONTAL
COIL MAGNETS**

Rectangular magnets with contoured outer poles can be provided to lift eye-horizontal coils

ADVANTAGES OF MAGNETIC LIFTING

- ✓ No damage to coiled steel while handling, since no mechanical clamping devices are used
- ✓ Only one operator is needed—this frees up man power
- ✓ Less storage area is needed reducing floor space
- ✓ Electromagnet and Electro-Permanent magnets are available



**EYE-VERTICAL
COIL MAGNETS**

High-powered, deep-reaching magnets are designed to lift coils with the eye vertical

LIFT SHAPES, BUNDLES AND BEAMS with WALKER Hi-Powered Lift Magnets

Walker Self-Contained Lift Magnets include a wide range of Permanent, Battery Powered and Electro Magnets. These magnets handle a variety of plates, shapes and rounds.



Walker Self-Contained Permanent Lift Magnets can lift 1 1/2 inch steel plates weighing up to 1760 lbs

**Load &
Unload
Your Machine
Efficiently &
Safely**



Small, but effective, 22 lb. Walker High-Powered NEO-250 magnets can lift up to 275 lb. Solid Round Bars

LIFT STRUCTURAL STEEL MATERIALS with WALKER MATERIAL HANDLING MAGNETS (Singly, in Bundles or Layers)

Specifically designed spreader beams ensure effective, efficient and safe operation of these magnets for different material handling applications.



Lift multiple bundles of merchant product



Lift layers of shapes or angles



Reduce manpower unloading trucks

Walker
Guaranteed
Performance
for Over
100
years

For Fast Service 1-800-W-MAGNET



**WALKER
MAGNETICS**

Rockdale St., Worcester, MA 01606 (508)853-3232 FAX(508)852-8649

In Canada: 1-800-267-4678 FAX(905)643-6111

www.walkermagnet.com Email: sales@walkermagnet.com

**See More Photos
& Demonstrations
At:**



**WALKER
MAGNETICS**

Magnetic Solutions Since 1896

SELF-CONTAINED LIFT MAGNETS

**Over 116
Years of**

**LIFTING
MAGNETS
EXPERIENCE**

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



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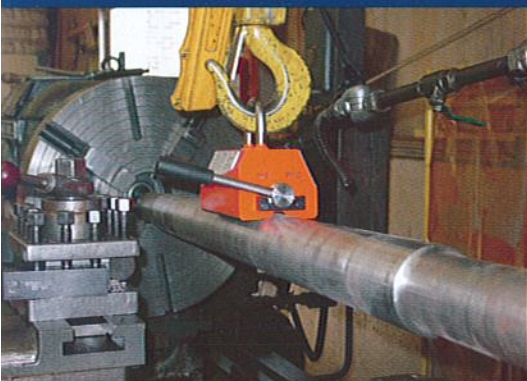
EFFICIENT MATERIAL HANDLING

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, zeeks 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, 1500 AND 2000

for Flat and Round Material Handling

The NEO-125, 250, 500, 1000, 1500 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-1500/3", 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-1500/3", 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-1500 | 14.7 | 373 | 6.5 | 165 | 9.3 | 236 | 148 | 67 |
| 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-1500 | 0 - 3,300 | 0 - 1500 | 0 - 1,650 | 0 - 750 |
| NEO-2000 | 0 - 4,400 | 0 - 2000 | 0 - 2,200 | 0 - 1000 |

NEO-HV

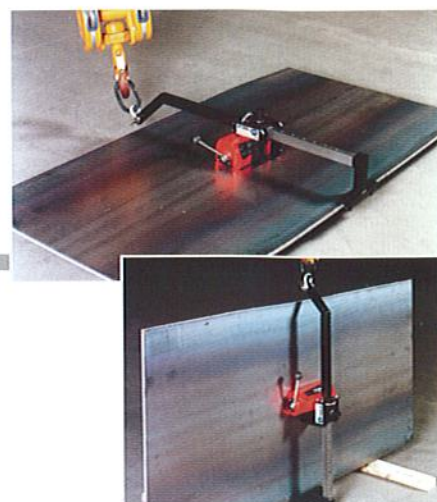
For Vertical Handling

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 | 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**

Box Shredder
Cutter Hammer
EG & H
National
Electric Coil
Square D
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O.S. Walker



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ELECTRO-PERMANENT MAGNETS

*Over 100
Years of*
**STEEL
HANDLING
EXPERIENCE**

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



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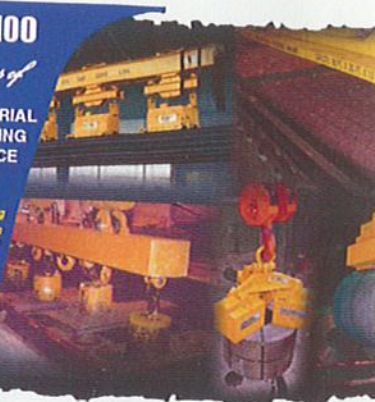
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**WALKER
MAGNETICS**

MATERIAL HANDLING LIFT MAGNETS

*Over 100
Years of*
**MATERIAL
HANDLING
EXPERIENCE**

Laser Cutting
Flame & Plasma
Plate
Cutting
Coils
Shapes
Bundles & Beams



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**WALKER
MAGNETICS**

CUTTING-TABLE MAGNET SYSTEMS

*Over 100
Years of*
**STEEL
HANDLING
EXPERIENCE**

USES:
Plate Storage
Vertical &
Horizontal
Unload Trucks
Load & Clear
ing Tables
Lifting &
Moving



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*Over 100
Years of*
**STEEL
HANDLING
EXPERIENCE**



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PLATE HANDLING MAGNETS

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Years of*
**STEEL
HANDLING
EXPERIENCE**

Storage
Vertical &
Horizontal
Unload Trucks
Load & Clear
ing Tables
Lifting &
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