



BUX[®]

MAGNETIC Lifting and Handling TOOLS

WALKER

**WALKER HAGOU
MAGNETICS**

BUX®

Standard lifting magnets

For flat and cylindrical materials



NEO series: Permanent lifting magnets, manually actuated

- For flat and round material
- Highest capacity/weight ratio
- 5 Models from 125 to 2000 kg workload



NEO-HV series: Permanent lifting magnets, manually actuated

- To turn workpieces from horizontal to vertical and vice-versa
- For flat materials
- 3 Models from 250 to 1000 kg workload



NEOMATIC 1000: Permanent lifting magnet, power actuated

- 1000 kg of lifting power at the touch of a button
- For flat and round materials
- Up to 600 cycles per battery charge



NEO-AIR 250: Permanent lifting magnet, pneumatically actuated

- 250 kg of lifting power controlled by compressed air
- For flat and round materials
- Designed for repetitive work



PEP series: Electro-permanent lifting magnets

- Electrically operated permanent magnet
- Designed to handle flat and round material
- Models ranging from 500 to 5000 kg



MAGNASCRAP: Electromagnet, powered from mains

- Deep field providing a big lifting capacity of loose materials
- Square design allows to clear corners of container
- Built-in rectifier, ready for use



BM series: Self contained, battery powered electromagnets

- For flat material up to 5000 kg
- IR-remote control with optional fanning
- Built-in battery charger



BMP series: Self contained, battery powered electromagnets

- For flat and round material
- Deep field providing good grip on irregular shapes
- Models ranging from 1800 to 3600 kg



CE series: Electromagnets, powered from mains

- Highest capacity/weight ratio
- Deep field providing greater capacity on castings etc.
- Optional built-in rectifier



FLEXFORCE: Beam with battery powered electro-magnets

- Self contained unit can be used anywhere
- Economical solution for non-frequent handling
- Integrated control and charger with optional wireless remote control



Photo left and centre: Beam with universal bi-polar magnets for handling plate and profile



Beam with plate handling magnets



Hand magnets



MC series: Permanent magnets with break-off handle

- Easy handling of plates or blocks
- 4 Models from 120 to 300 kg capacity
- Special model for thin sheet



SM series: Permanent switchable magnets

- "Handy", compact magnets with deep field
- Designed for collecting swarf or sorting steel objects
- Models ranging from 7 to 20 kg capacity



WRM: Permanent "wrist" magnet

- Lightweight, non-switchable magnet
- With leather strap to attach to palm or wrist
- Fine pole system allows lifting up a single thin sheet

Special purpose lifting magnets

Plate handling



PH 2/7: Beam with electromagnets for horizontal handling

- Powerful plate handling magnets
- Spreader beam with multiple magnet suspension points and low overall height
- Standard system capacities from 2 up to 28 tons



PH 4/16-IV: Beam with swivelling electro-magnets for horizontal and vertical handling

- Powerful plate handling magnets
- Special magnet suspension for easy swivelling by gravity or crane movement
- Spreader beam having special "anti sway" suspension



Plate Master: Total coverage electro-magnet for clearing cutting tables

- Lightweight magnet design
- Designed to pick up pieces as small as 100x100 mm
- Magnet sizes ranging from 1.5x2.5 to 3x6 metres

Channel and Beam handling



ProfiTrac: Beam with electromagnets

- Slim built magnets allow lifting from web
- Magnets can be indexed up to 90° to handle a layer of profiles
- Lightweight beam design for greater workload capacity



ProfiTrac: Beam with electromagnets

- Powerful, slim magnets to handle a wide range of sizes
- Special "anti sway" suspension
- Adjustable beam distance allows handling different lengths



Chevron: Beam with electromagnets for lifting a complete layer

- Special magnet design allows to handle material with limited contact surface
- Magnets can be indexed 90° to handle both wide and narrow layers
- Deep field allows to handle bundles as well

Tube and Strip handling



ProfiTrac: Beam with electromagnets

- Double spreader beam with adjustable centre distance
- Powerful, slim magnets to handle tubes as small as 60x80 mm
- Special suspension ensures perfect alignment of magnets



StripMaster: Beam with electromagnets

- Telescopic, motor driven beam to handle a large variety of lengths
- Magnets designed to lift multiple strips
- "Anti sway" suspension for better control



ProfiTrac: Beam with electromagnets

- Lightweight spreader beam
- Powerful, slim magnets to handle a wide range of sizes
- Indexable magnets for handling single or a layer of components

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Bundle handling



Grabber: Beam with electromagnets

- Powerful, deep field magnets for handling "low density" bundles
- Special pole shoes for enhanced lifting capacity on thin walls
- Expandable beam design for handling greater bundle lengths



Grabber: Beam with electromagnets

- Powerful, deep field magnets for handling heavy bundles
- Special pole shoes for enhanced lifting capacity on rebar
- Telescopic beam for handling a large variety of lengths



Grabber: Beam with electromagnets

- Powerful, deep field magnets for handling "low density" bundles
- Special pole shoes for enhanced lifting capacity on thin walls
- Magnets can be indexed 90° to handle both bundles and layers

Billet and Slab handling



Grabber series: Deep field electro-magnets for (hot) billets

- Extra heavy duty design for long life steel mill service
- Extra power to provide more certain grip
- Special designs for use with hot materials



Millmaster: Rugged electromagnets for steel mills

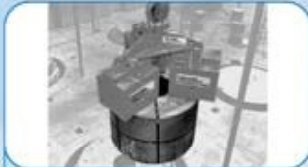
- Extra rugged steel case for added impact resistance
- Heavy manganese steel bottom plate
- Standard, deep and extra deep field models



Heat Master: Electromagnet for continuous hot work

- Special insulated coil and ventilated casing for hot steel up to 600°C
- 75% and 100% duty cycle
- Heavy duty construction

Coil and Scrap handling



CoilWizard: Deep field electromagnets

- Bi-polar magnets on yoke for eye vertical coils
- Arrangement allows for easy centring
- Ample clearance in centre



CoilWizard: Deep field electro- or electropermanent magnets

- Special bi-polar magnet for eye horizontal coils
- Contoured pole shoes allow to handle a range of diameters
- Heavy duty design for long life service



Scrapmaster: Deep field electromagnets

- Heavy duty WH and W series for steel mills and scrap yards
- Light duty WL and WS series for steel stores and railway industry
- Special designs for hot materials up to 600°C

Control systems



Control systems: Control of magnet power

- Combination rectifier and magnet controller
- State of the art modular system
- Optional variable power and demagnetisation



Battery back-up: Emergency power supply

- Instantaneous transfer from mains to battery power
- Audible and visible alarms
- Rapid recharge circuit

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Custom engineered lifting and handling magnets



Permanent, deep field, hydraulically operated magnet fitted to mini excavator for cleaning yards



Pneumatically operated permanent magnet for lifting radiator panels



Pneumatically operated permanent magnets for lifting and turning packed radiator panels



Pneumatically operated permanent magnet for packing a layer of small batteries



Air cooled, electromagnet for handling hot products by robot



Two "finger pole" electromagnets on beam for handling irregular shaped blade springs



Electromagnet with movable pole fingers for lifting both bundles and single bars and pipes



Electromagnet with large poles for lifting multiple pipe bundles



Telescopic beam with electromagnets for plate handling. Controls and battery back-up integrated in handler truck



Beam with spring suspended electro-permanent magnets for handling large steel plates



Telescopic, motor driven beam with electro-permanent magnets for handling large steel plates



Set of battery operated electromagnets, integrated into fork lift truck for stabilising stacks of sheet metal for can making