

# BUX<sup>®</sup>

## PERMANENT LIFTING MAGNETS

Magnetic lifting made easy with BUX "NEO" series



- State of the art two-pole design
- Tremendous lifting capacity thanks to High-Energy Neodymium magnets
- Increased airgap capability
- Suitable for flat and round material
- Easy ON/OFF switching
- Extremely compact, low dead weight
- Robust, low maintenance
- Smart design

### Applications

- In the workshop to load, unload machine tools
- At construction sites to lift plates and structurals
- In the warehouse to handle plate and bar stock



### Specifications

Model	NEW		NEW		
	NEO 125	NEO 250	NEO 500	NEO 1000	NEO 2000
Nominal* lift capacity					
flat material (kg)	125	250	500	1000	2000
round material (kg)	50	125	250	500	1000
Tested** break-away force (daN)	400	800	1600	3200	6000
Ø min./max. (mm)	50/100	60/200	65/270	100/300	90/360
Length (mm)	95	151	246	316	480
Width (mm)	60	100	120	148	165
Height (mm)	110	168	168	216	251
Mass (kg)	3	10	19	36	85

\* Nominal lift capacity includes a safety factor of at least 3

Capacity varies with workpiece material, thickness and surface quality

\*\* Tested on a ground, 50 mm thick, mild steel plate

WALKER

# WALKER MAGNETICS

# BUX<sup>®</sup> NEO-HV series

Expand your handling possibilities!



- Magnet provided with lifting arm for turning workpieces through 90°
- Very convenient for loading and unloading of horizontal machining centres and lathes
- Magnet is adjustable to suit a range of diameters or widths
- Lifting arm can be retrofitted to existing NEO magnets

## Specifications

Model	NEO-HV 250	NEO-HV 500
Nominal* lift capacity		
Flat material (kg)	250	500
Tested** break-away force (daN)	800	1600
Workpiece range (mm)	300-800	300-1000
Min. workpiece thickness	4	6
Length x width (mm)	958x210	1158x275
Height (mm)	255	255
Mass (kg)	27	38

\* Nominal lift capacity includes a safety factor of at least 3

Capacity varies with workpiece material, thickness and surface quality

\*\* Tested on a ground, 50 mm thick, mild steel plate

Bigger capacities on request

## Lift magnet program

- Permanent and electro-permanent lift magnets standard up to 5000 kg capacity for flat material
- Battery lift magnets up to 5000 kg capacity for flat and 2200 kg for round material
- Electro (mains powered) lifting magnets for plate, rounds, structurals and bundles
- Pneumatically operated permanent magnets for special applications

## The advantages of magnetic handling

- Considerable savings in time and money
- One man operation
- More effective use of floor space
- No workpiece damage
- Improved labour conditions

## Why BUX

- Longest experience (permanent lifting magnets since 1955)
- State of the art designs
- Proven reliability
- Leading in safety (CE and GS certifications)
- Guaranteed performance (Test certificate)

Literature available on request

Visit our website: [www.walkermagnet.com/europe](http://www.walkermagnet.com/europe)

### Safety comes first!

- Always stay clear of the load.
- Never exceed the recommended lifting capacities.
- If you have difficulty lifting a load, don't lift it. Ask for advice.
- All BUX permanent lifting magnets have a safety lock and come with a manual, test certificate and EC declaration of conformity.