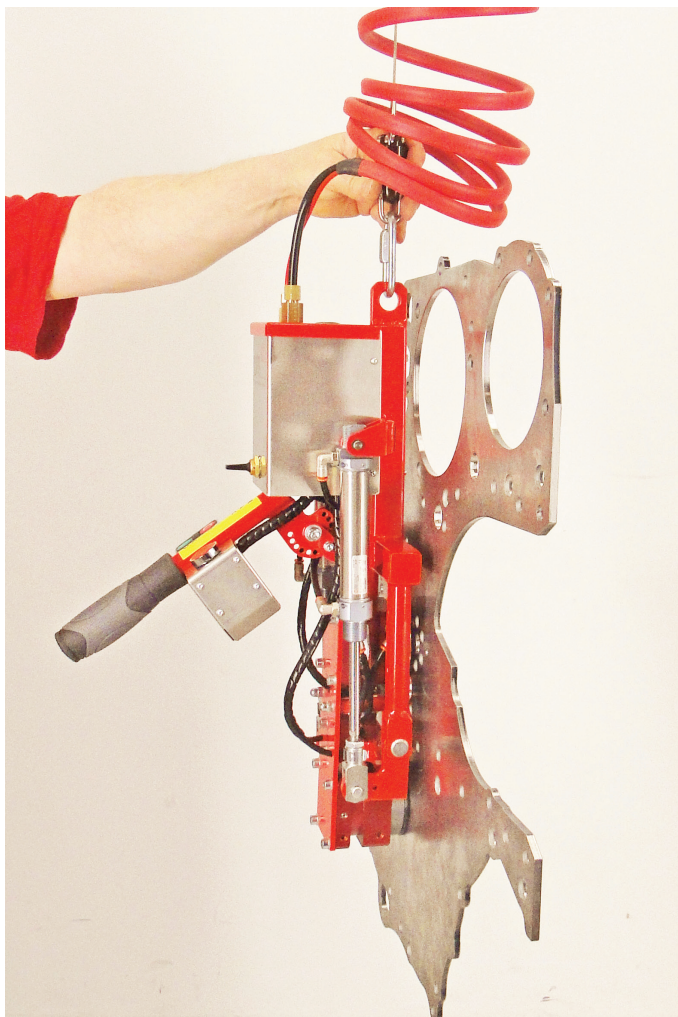


# LIFTS **ALL**

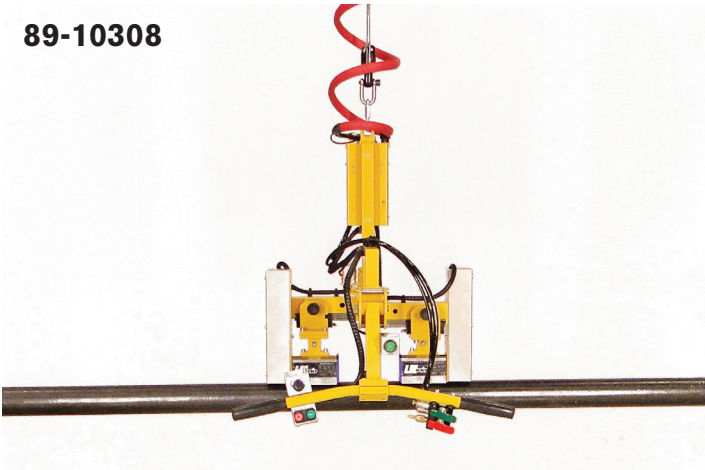


## **LIFTING WITH MAGNETS**

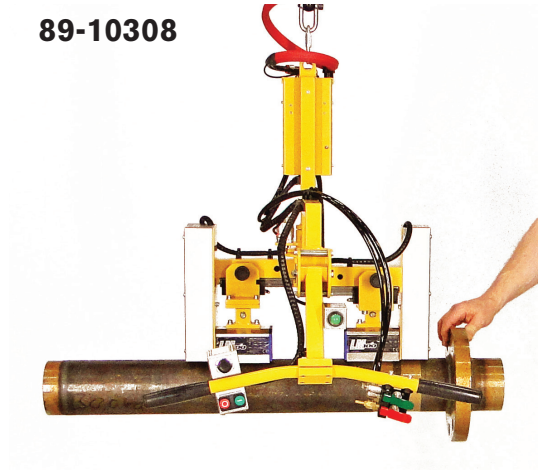
Lifts All AB is one of the world's leading manufacturers of lifting tools. Our wide product range supplies industries all over the globe with tailor-made ergonomic solutions. We lift all!

Lifting with magnets is perfect when you need to lift steel material of different kinds. We have a long experience of magnet lifters and have developed lifts that are easy and safe to use. There are several grippers to choose between depending on the load. Just place the magnet gripper on the load and press the green gripping button and the lifting tool is ready to lift!

**89-10308**



**89-10308**



**89-10308**

Max load: 100 kg

Control: Pro Speed Handle

Functions: Lifting steel pipes of various sizes with two magnets.

**4401**



**4401**

Max load: 12 kg

Control: Dual Balancing

Functions: Lifting steering arms

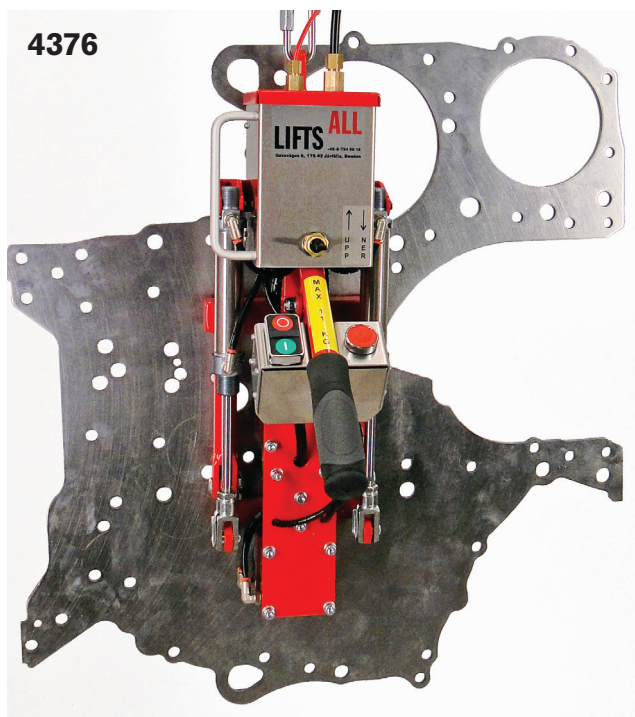
## CONTROLLING THE LIFTS

### Pro Speed-Handle (PSH)

Used when the weight of the lifting objects varies. Proportional control of up and down speed, which means that a gentle push on the button smoothly moves the load. A harder push moves the load faster. Flexibility in the Bal-Trol enables fine tuning of the vertical position by  $\pm 10$  cm by manual influence, directly on the lifting object.

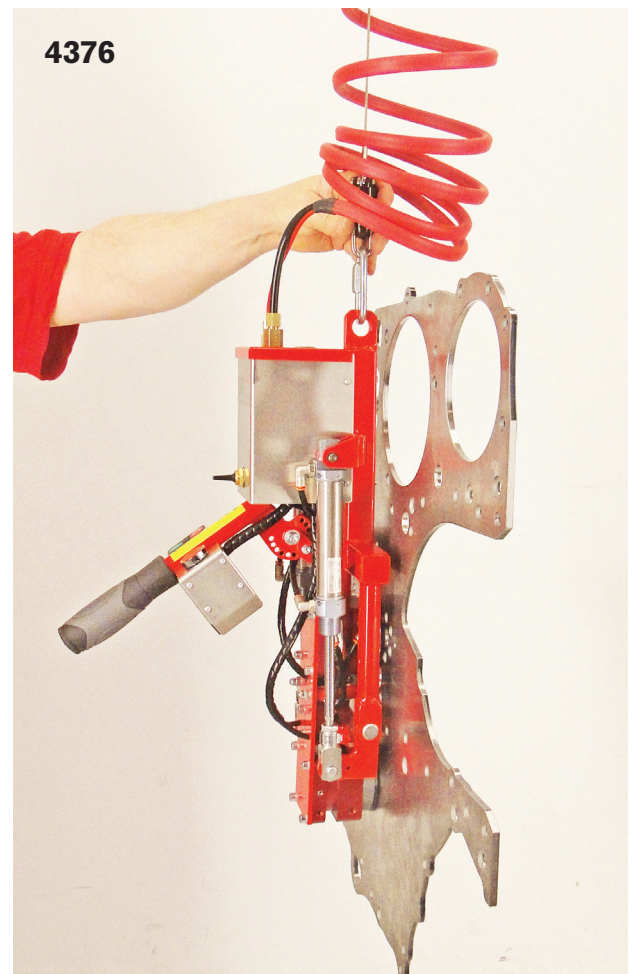
### Balancing - weightless handling

Balancing is used when a few known objects of different weights need to be handled quickly, for example from conveyor belts and to pallets. The load is handled in a state of weightlessness, which means that the operator can manipulate the product with the hands directly on the object. In other words - superior flexibility and precision!



**4736**

Max load: 11 kg  
Control: Dual Balancing  
Functions: Lifting steel





3949

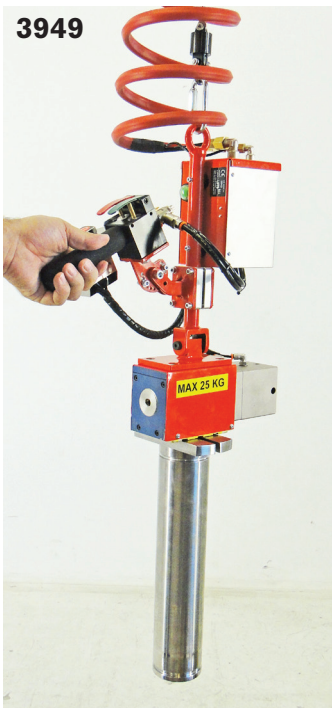


**3949**  
Max load: 25 kg  
Control: Pro Speed Handle  
Functions: Lifting cylinders

3949



3949



## STANDARD MAGNET GRIPPERS

Our magnet grippers are compact but very strong and gets a safe grip on loads which provides high versatility. One of the great qualities of the magnets is that they don't change there magnetic state in case of air failure. The magnets don't require maintenance and has a fast cycle time which can give high production speed and efficient automation. The magnets are designed for flat and round parts, and for steel and cast iron. It is possible to lift both solid and perforated material and can be used for all kinds of handling and loads in differents shapes and angles. They are easily rotated by adjusting four screws. They come in three different sizes and load capacity: 45, 90 and 135 kg.

### GENERAL DATA LAMG 45

Art no. 92-10029

Weight: 9 kg

Steering: Pro Speed Handle (PSH)

Safety factor: 3

Lacquered: Red (RAL 3020)

Min dimension of bolt: 40 mm

Recommended pressure: 6 bar

Capacity flat loads: 45 kg

(S355 S  $\geq 12$  mm)

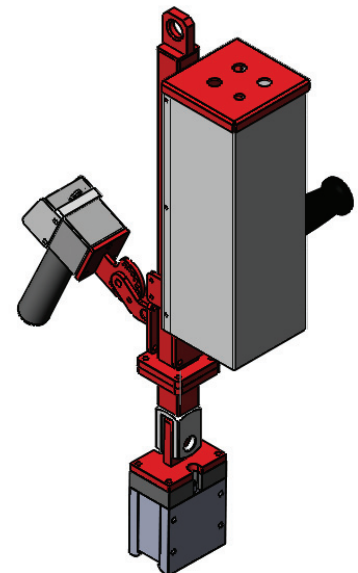
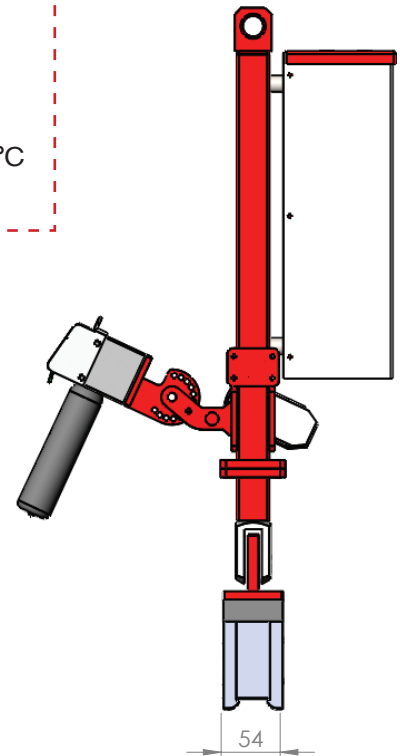
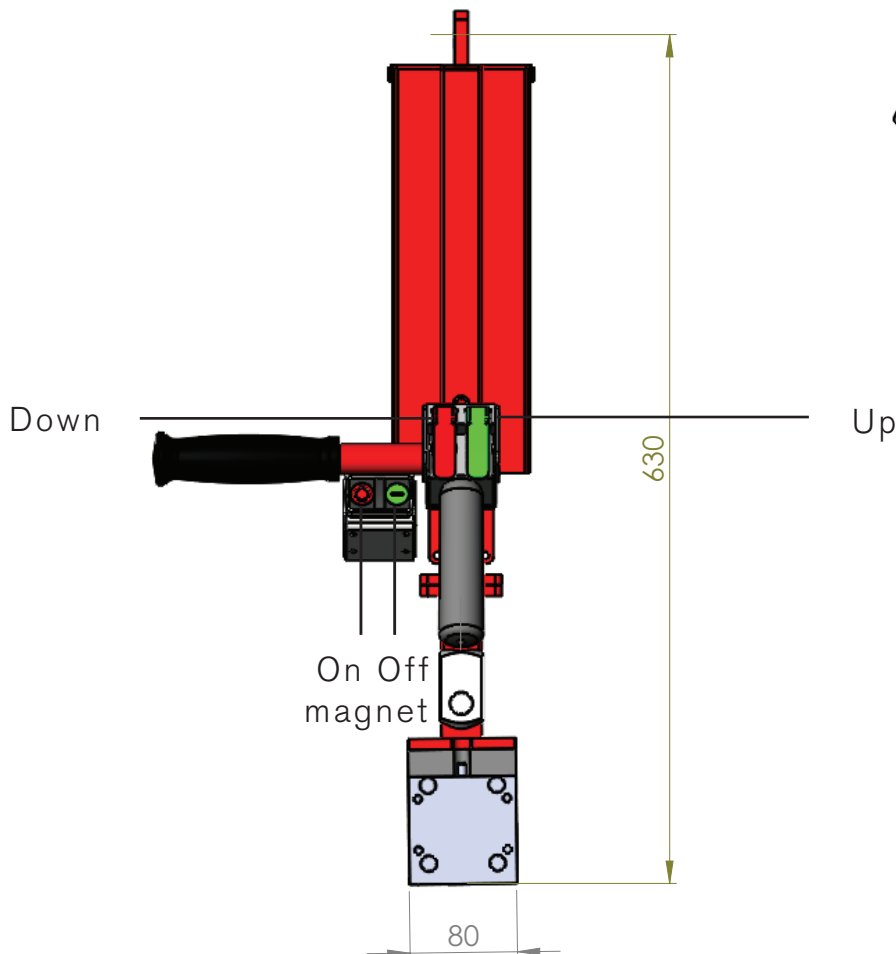
Capacity solid round loads: 30 kg

( $\varnothing \geq 120$  mm)

Operating temperature: 0 °C ... +50 °C

Functional range: 5.0 - 8.0 bar

### LAMG 45 - MAGNETIC GRIPPER SINGLE



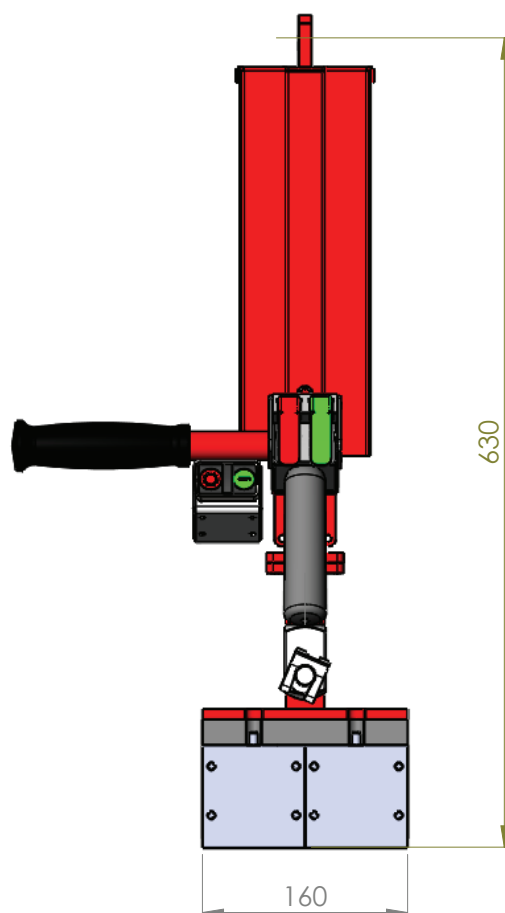
## LAMG 90 - MAGNET GRIPPER DOUBLE

### GENERAL DATA LAMG 90

Weight: 11 kg  
Steering: Pro Speed Handle (PSH)  
Safety factor: 3  
Lacquered: Red (RAL 3020)  
Min dimension of bolt: 40 mm

### Art no. 92-10030

Recommended pressure: 6 bar  
Capacity flat loads: 90 kg ( $S355 S \geq 12 \text{ mm}$ )  
Capacity solid round loads: 60 kg ( $\varnothing \geq 120 \text{ mm}$ )  
Operating temperature: 0 °C ... +50 °C  
Functional range: 5.0 - 8.0 bar



Just push play to view  
video on [youtube.com/](https://www.youtube.com/)

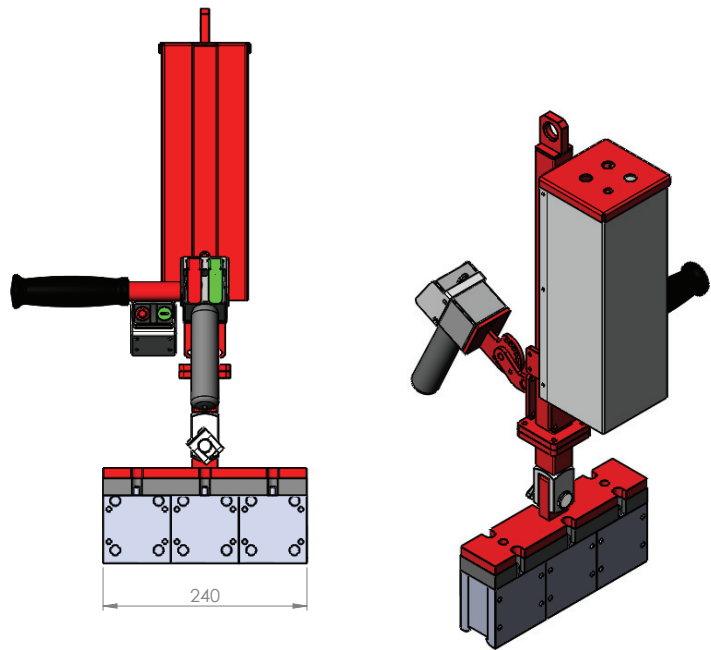




## LAMG 135 - MAGNET GRIPPER TRIPPLE

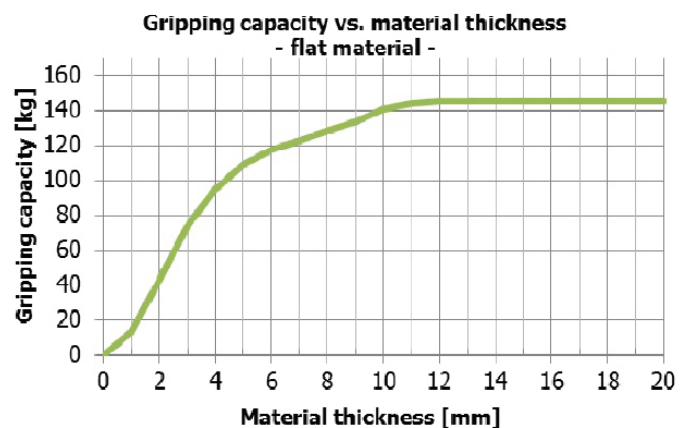
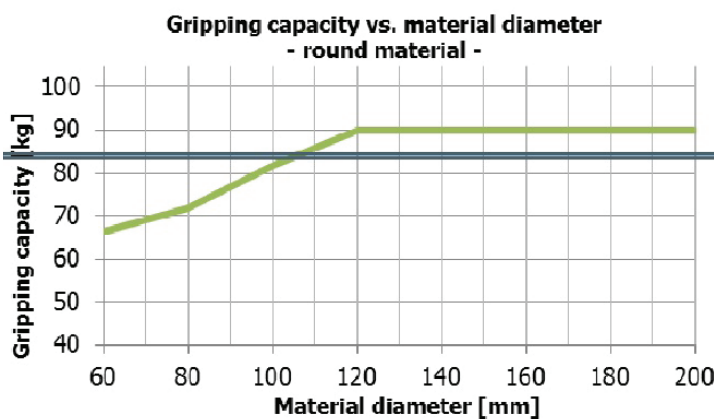
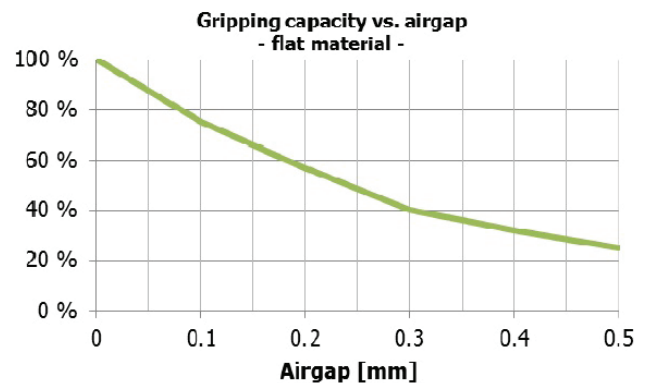
### GENERAL DATA LAMG 135 Art no. 92-10031

Weight: 14 kg  
 Steering: Pro Speed Handle (PSH)  
 Safety factor: 3  
 Lacquered: Red (RAL 3020)  
 Min dimension of bolt: 40 mm  
 Recommended pressure: 6 bar  
 Capacity flat loads: 135 kg  
 (S355 S  $\geq 12$  mm)  
 Capacity solid round loads: 90 kg  
 ( $\varnothing \geq 120$  mm)  
 Operating temperature: 0 °C ... +50 °C  
 Functional range: 5.0 - 8.0 bar

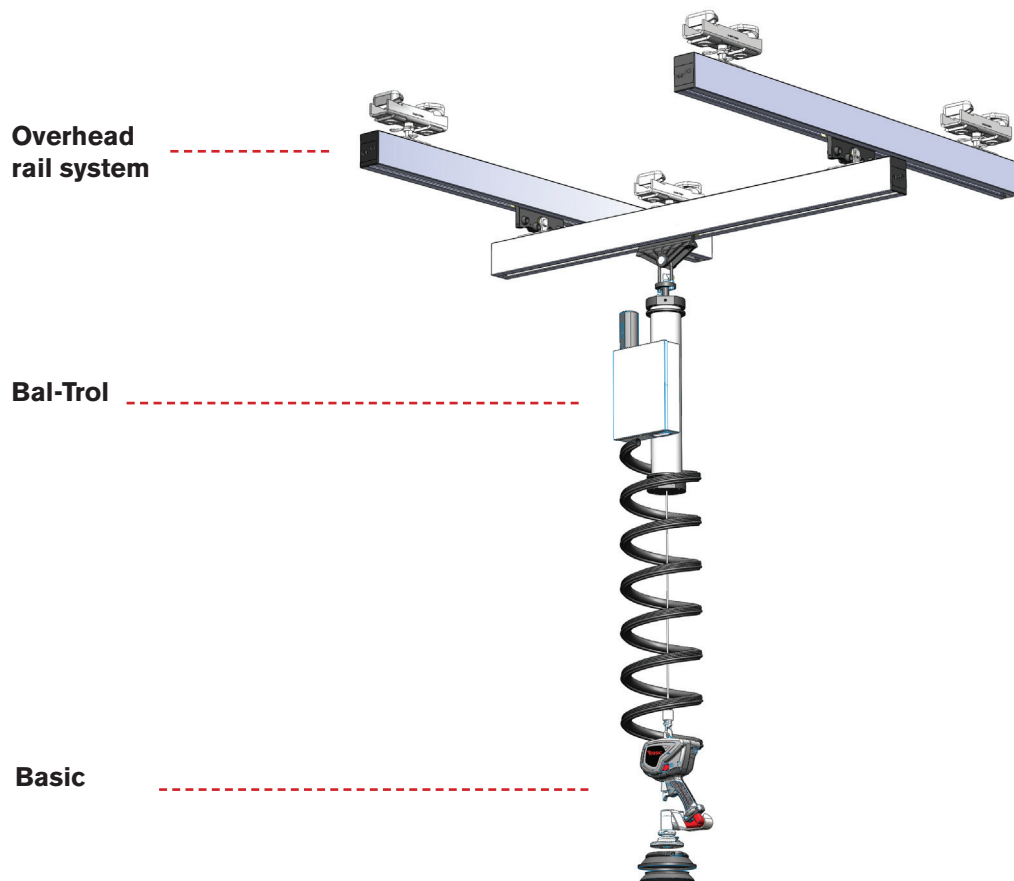


## GRIPPING CAPACITY VS. MATERIAL THICKNESS AND AIRGAP

The nominal gripping capacities can be obtained with the material thicknesses stated in the technical specifications. The magnets can be used also with thinner materials, but the gripping capacity will be lower, as shown in the graphs. The given gripping capacities are valid for mild steel (S355).



# YOUR COMPLETE LIFTING SYSTEM



## Overhead rail system

Our lightweight overhead rail system is extremely flexible and silent.

## Bal-Trol

The small, flexible lifting cylinder is powered by compressed air only.

## Basic

With the all-round lift Basic lifting is quick and smooth!

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## LIFTS **ALL**

Passadvägen 10  
SE-177 70 Järfälla  
Sweden

Tel: +46 8-754 90 15  
Fax: +46 8-626 90 15  
E-mail: [lifting@liftsall.se](mailto:lifting@liftsall.se)  
Website: [www.liftsall.com](http://www.liftsall.com)