



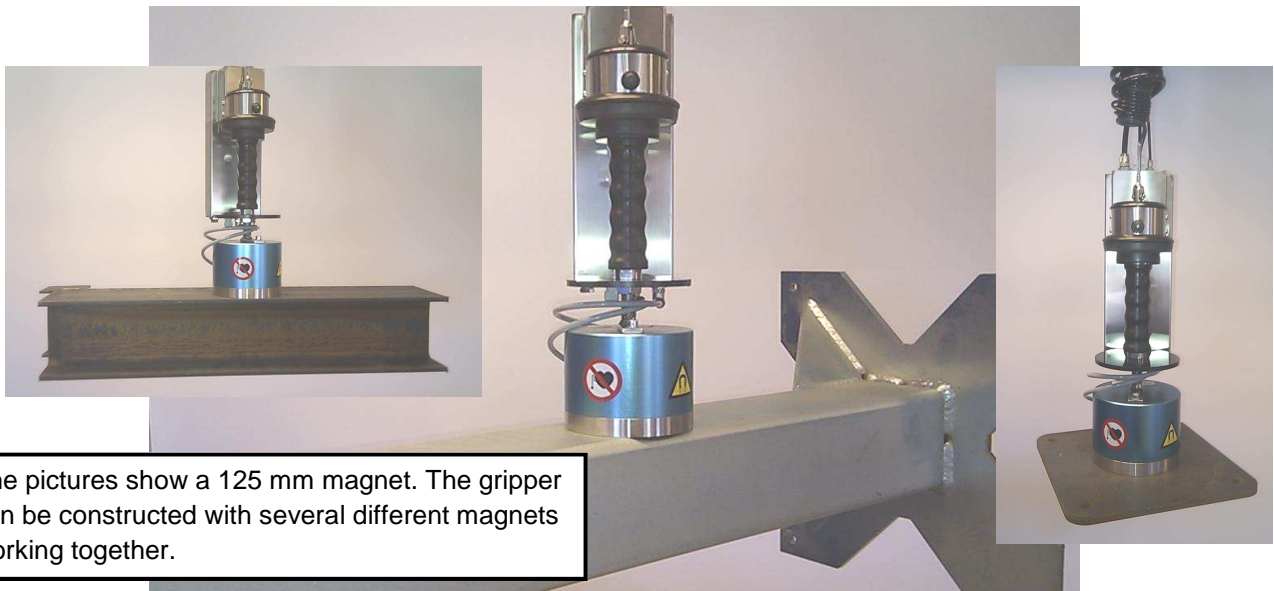
Datasheet AHG-P-M

A pneumatically switched magnet, that can be delivered with a fine or coarse pole depending on what type of goods that is being handled. The gripper is made to function with AirHandle control system

AirHandle - Magnetic gripper

Fine pole, model F, for handling perforated ferrous pressings and sheet material. It can lift up a single sheet from the top of a stack without attracting the sheet below.

- Only one button for gripping.
- Suspended cargo cannot be released unintentionally.
- Allowed max load can be adjusted.
- Gripper with and without load can be used in a balanced mode. Hold directly to the lift or load for weightless control up and down.



The pictures show a 125 mm magnet. The gripper can be constructed with several different magnets working together.

Gripper data

<i>Magnet diameter</i>	<i>Pole configuration</i>	<i>Max load F / C</i>	<i>Thickness required for single part lifting.</i>
80 mm	F och C	30 kg / 30 kg	1,6 mm / 2,0 mm
100 mm	F och C	40 kg / 65 kg	1,6 mm / 3,0 mm
125 mm	F och C	65 kg / 90 kg	1,6 mm / 3,0 mm
150 mm	F och C	85 kg / 180 kg	3,0 mm / 6,0 mm

The magnet is only activated by a pulse of compressed air. This makes the gripper fail safe in case of air failure. The data chart above is calculated without a safety margin factor, when lifting use a factor of 3. The max load is also dependant on the material thickness and the distance between load and magnet that can vary for example with paint or uneven surfaces. Contact us for a test of the load you want to handle.

Contact us for correct sizing of your gripper.