MAGNETIC HANDLING

MAGNETIC RAIL

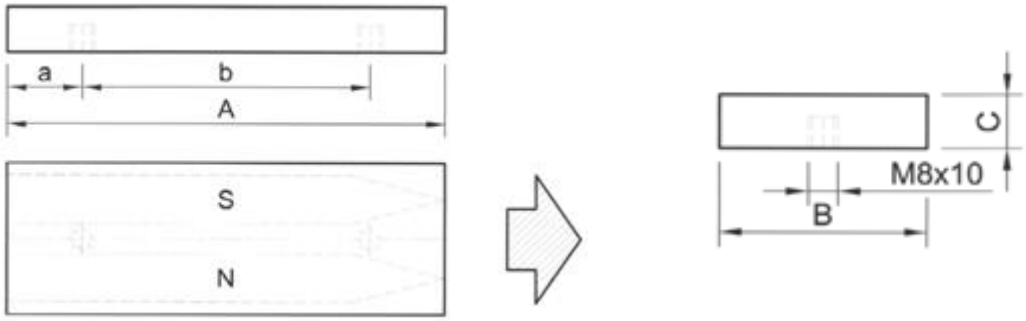
TECHNICAL DATA SHEET

The magnetic rail uses powerful permanent magnets to keep the ferrous parts such as steel containers, cans, caps, twist-off caps firmly in place during transportation. The magnetic rail is installed as a stationary component, and allows the belt to ride on top of it. The strong magnetic field remains strongly secured to the belt surface, even vertically, inclined or horizontal. Transport speeds can be increased while eliminating the sliding or rolling elements. Additional benefits include better use of space within a facility, noise reduction, and increased material flow.

In order to optimize the system performance, the magnetic rail design can generate different magnetic fields, taking into account the characteristics of the target plant. For the manufacturing both ferrite magnets or neodymium magnets are used, depending on the required magnetic force and speed of production.

WE can produce magnetic rails for plants operating in environments subject to water or detergent treatments, taking into account all corrosive agents to ensure a long lasting product.

IDEMAG has a full line of quality magnetic components available in a wide variety of sizes and capacities to meet your needs.



Rail type	*Material transported*	*Rail Width mm*	*Rail thickness mm*
Light	Crown cap	82 / 102	16
Medium	Body of the tin	61/102/132/182	21
Strong	Body with back without cover	61/102/132/182	31
Super Strong	Filled tins	61/102/132/182	36