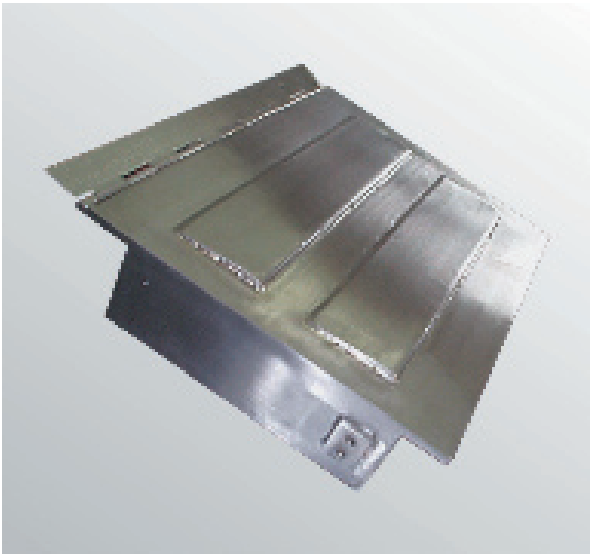
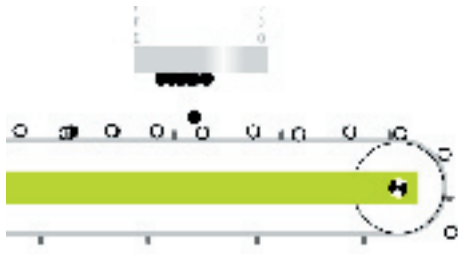


Plate magnet APM

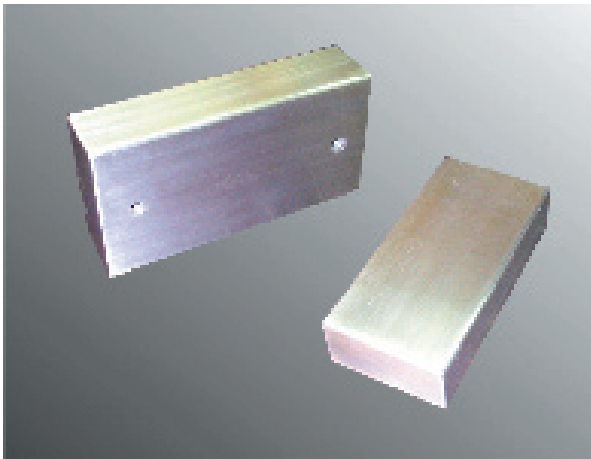
(for pneumatic conveying lines **APMF/APMN/APNM** and **APMTEX**)



Version: APMN (underflow version)



Operation sequence: APM mounted above conveyor



Version: APNM



available

Application

Plate magnets are used for the separation of tramp iron to protect crushers, screens and other plant machinery. These types of magnetic separators generate a deep magnetic flux field and are generally installed above conveying systems or underneath chutes. By the wide range of standard sizes the plate magnets can be equipped to most applications. But Agromatic also supplies customized unit sizes to fit exact into existing process lines. All types of plate magnets are supplied with tapped wholes at the rear side for installation and adjustment.

Plate Magnet APMF (Ferrite version):

These types are equipped with strong ferrite magnets, which generate a strong and deep magnetic flux field. The version APMF is housed in a wear-resistant stainless steel housing (material 304) with a mild steel back plate.

Plate Magnet APMN (Neodymium version):

Plate magnets with rare earth neodymium magnets (NdFeB) show a much higher magnetic flux field and are used e. g. for the separation of even small ferrous contaminations. The energy product of these types is more than ten times higher than conventional ferrite material.

In order to make cleaning of plate magnets easier Agromatic can supply as an option manual or pneumatic operated cleaning relief's. Such a facility is recommended when the magnet is installed in positions where cleaning is labour intensive.

Plate Magnet APMTEX (Textile Industry):

This type is specially designed for applications in the textile industry. The magnets are available in lengths up to 6 meters, and a separate carrier profile ensures that the system can be installed very close to the product without bending



Right of technical and dimensional changes in the sense of process reserved at all times

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