IDEMAG

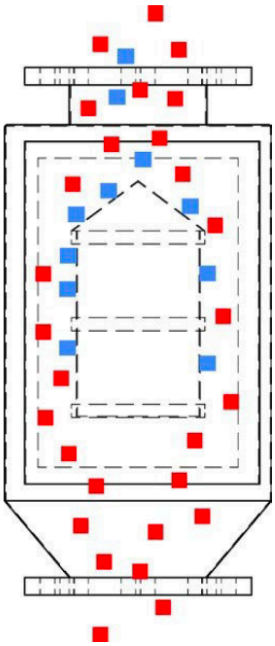
MAGNETIC CONE FILTER

Magnetic cone filters are used for the removal of ferrous pollution (nuts, screws, staples, and ferrous parts in general) that flows with the raw material transported by the pipes, especially by powdered or granulated raw material such as grains, flours, sugar, etc..., in dry state.

The installation of these magnetic separators is very fast and simple, since they fit between the pipes through which circulates the raw material to be filtered.

IDEMAG manufactures magnetic cone separators by installing a high magnetic intensity unit, the concentrator, into the center of a stainless steel casing. This magnetic concentrator can incorporate in its interior ceramic magnets (ferrite) or rare earth magnets (neodymium).

The choice of magnetic intensity type of this magnetic filter depends on the caracteristics of the



Operation mode:

The concentrator casing has a high-powered magnetic circuit that attracts the ferric particles that remain attached to its magnetic core, while the rest of the decontaminated material continues to flow through the pipes.

The cleaning of the magnetic core is very simple because it is built inside the magnetic filter door, for easier access.

As no maintenance is required, this magnetic separator offers

Features:

- High Intensity Magnetic concentrator
- Made of stainless steel AISI 304 or AISI 316
- Pivot hinged door
- No maintenance required
- Working temperature with ceramic magnets (ferrite):-40 º C/200 º C
- Working temperature with rare earth magnets (neodymium):-40 º C/80 º C