

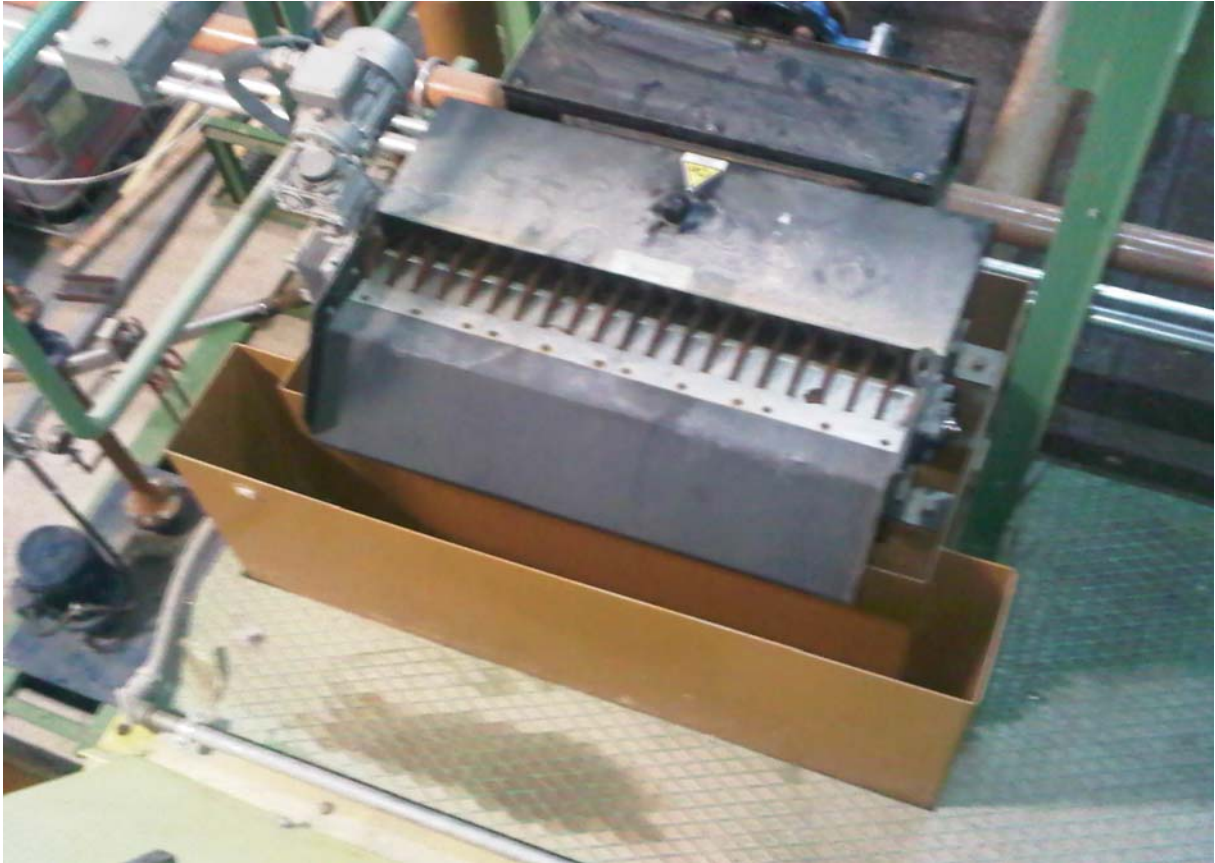


WATER AND MECHANICAL TECHNOLOGY S.R.L.



MAGNETIC SEPARATOR

MAGNETIC SEPARATOR DISC TYPE



One of the cheaper ways to separate magnetic particles in cooling or water process system in the mechanical and siderurgic industries and generally in a water body is using magnets. The presence of tramp metal particles is separated with different magnetic forces used in relation to different pollution concentration.

Some magnetic particles may be easily separated with a separator having a low intensity magnetic field of 40 - 60 mT (milliTesla). Paramagnetic particles (weakly magnetic) require a higher intensity magnetic field to separate them, generally ranging from 0,6 to 2 T (Tesla).

WMT magnetic separators are designated for wet magnetic separating of chips or material in granular form. They are mainly of two types, rotary discs or submerged tubes dragged from a couple of chains.

Chips or grains captured from the magnetic element of the separator are take out by scraping blade and sent to the bin.

The employed magnetic material is Ferrite or Neodymium (NdFeB) according to the requested applications.

The choice of the type of separator is according to the flow of the fluid, the amount of cips or magnetic particles presents in the water body and of the granulometry.

Uffici ed Amministrazione	Via G. Brodolini, 33 - I 20032 CORMANO (MI)	Headquarter
Telefono	+39-026101342	Phone
Fax	+39-026102518	Fax
URL	www.wmt.it	URL
Posta elettronica	wmt@wmt.it	E-mail