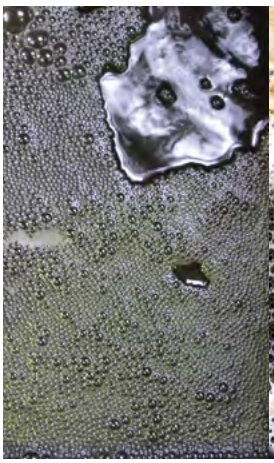
STEINERT



STEINERT HGF

High Gradient Magnet Filter

> Process water, minerals, degreasing baths and liquids, coolants

STEINERT HGF

High Gradient Magnet Filter

STEINERT HGF is a matrix separator, equipped with a permanent magnet that can be activated and deactivated. The STEINERT HGF is used to separate ultra fine-grained magnetic particles mostly smaller that 10 µm from liquids. Typical applications include the treatment of degreasing liquids and baths in the steel industry

Applications

- process water
- minerals
- degreasing baths + liquids
- coolants

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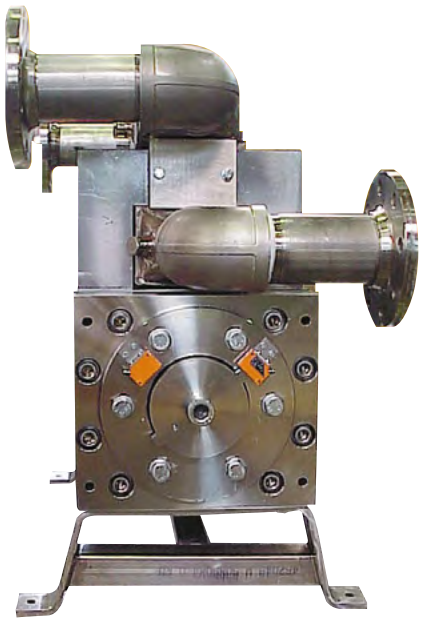

Technology

A wire matrix is magnetised by permanent magnets that can be activated and deactivated (switched on and off). The ultrahigh magnetic field gradients generated at the wires reliably capture the small iron particles and deposit them on the wires. After a few minutes, a strong flush cleans the filter matrix in just a few seconds. The resulting concentrate is usually processed into sludge by the STEINERT NTS.

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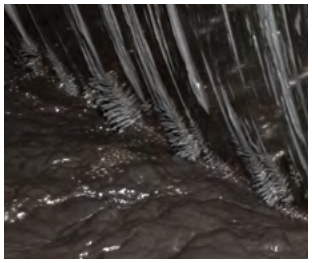

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