



VIITOS-METALLI OY

Magnetic Filter



PRODUCT DESCRIPTION

The Viitos-Metalli magnetic filter is designed for the efficient removal of iron particles from side streams in industrial processes. It is particularly well suited for applications connected to electrode boilers, where iron is released into the process water from electrode materials during operation.

The magnetic filter is tailored to each customer's process based on specific process values and requirements. Magnet strength can be selected up to 10,000 gauss, ensuring effective iron particle separation even in the most demanding conditions.

All filters are designed and manufactured in Heinola with over 30 years of experience in heat technology. Products comply with the Pressure Equipment Directive PED 2014/68/EU.

TYPICAL APPLICATIONS

- Electrode boiler process water — iron removal from electrode wear
- Side streams in industrial heating systems
- District heating network water systems
- Condensate and feedwater circuits in steam systems
- All processes involving iron-bearing liquids

TECHNICAL FEATURES

- Magnet strength: up to 10,000 gauss
- Design pressure and temperature tailored to customer requirements
- Materials: carbon steel, stainless steel, or other special materials
- Connections: flanged or welded, to match customer piping
- Cleaning: the magnet assembly is lifted out and the magnet rods are cleaned (lifting aids available)
- Design and manufacture in accordance with PED 2014/68/EU
- Over 30 years of experience in heat and pressure equipment manufacturing
- Turnkey deliveries available (incl. installation and commissioning)