## Maximum separation performance.
## Minimum risk to your brand.

GOUDSMIT MAGNETICS

**The HydroHansu is designed to keep difficult powders moving and separation performance high.**
Products such as flour, starch, milk powder and pharmaceutical ingredients can compact or form bridges inside processing equipment, disrupting flow and reducing process efficiency.

In a static magnetic separator, product can accumulate around the magnetic bars. This restricts throughput and can reduce effective product-to-magnet contact. Resulting in lower capacity, production stops, rejected batches or, in the worst case, contaminated product reaching the consumer.

**Protect your product from metal contamination**
Metal particles can enter the product stream through equipment wear, damaged sieves, or upstream processing machinery.

Effective magnetic separation captures these contaminants before they reach downstream equipment or the final product. This protects machinery, maintains product purity and reduces the risk of product recalls.






- EHEDG Certified
- 1 minute cleaning cycle
- 216 Magnetic poles for optimal separation results

**Keep separation performance at its best**
Correct installation and regular inspection are essential for maintaining reliable separation performance over time.

Goudsmit supports you with on-site commissioning, magnetic inspections, audits and service. We assess magnetic performance, separator positioning and the condition of your equipment to help keep your process operating safely and efficiently. Ensuring food safety, purity and compliance.

## HydroHansu Cleanflow

**The HydroHansu keeps product moving while maximising exposure to the magnetic field**
Its rotating magnetic bars reduce bridging and capture metal contaminants without interrupting product flow.

The HydroHansu is designed according to EHEDG design guidelines. Engineered to meet the highest hygiene, safety and reliability requirements of food-processing environments.

Easy access to the magnetic rotor enables fast cleaning. Captured contaminants are removed in just one minute.

**“EHEDG design principles helped us make the HydroHansu suitable for hygienic food production, while its magnetic system removes unwanted metal contaminants.”**

**Jaap Jonker**
*Product Manager*




**Contact us to discuss your unique process**

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## Keep your process flowing.
## Keep contamination out.

GOUDSMIT MAGNETICS

**Magnetic filters for food safety, purity and compliance**
The Hygienic Double-Walled Filter captures ferromagnetic and weakly magnetic contaminants directly from heated liquid products. Powerful neodymium magnetic bars help protect product purity, preserve downstream equipment and empower a safe production process.

The heated double-wall housing helps maintain product temperature and viscosity, reducing the risk of products such as chocolate, caramel or syrup-based fillings cooling, thickening or solidifying inside the filter.

Engineered with EHEDG hygienic design guidelines at its core, the housing is milled from a single block of stainless steel. Without welded seams in the housing, hygiene and leakage risks are minimised for reliable performance under pressure.





## Hygienic Magnetic Filter

**Keep viscous products at the right temperature.**
The double-walled housing allows a warm medium to circulate around the product channel. This prevents temperature-sensitive products from cooling and solidifying, supporting a stable product flow.

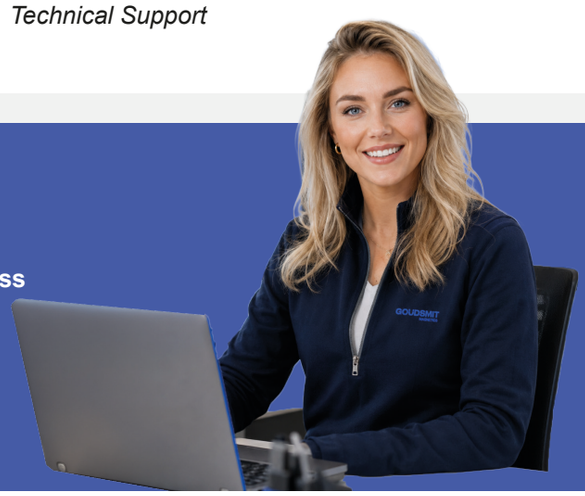
Suitable for product lines up to 10 bar and available with various flange and connection options, hygienic filters are easy to integrate into existing processing lines.

- ✓ Designed according to EHEDG guidelines
- ✓ Heated jacket, milled from solid stainless steel
- ✓ Engineered for performance and compliance

**Support that keeps your process reliable**
Goudsmit supports you beyond installation with commissioning, magnetic inspections, audits and service. By checking magnetic performance, equipment condition and correct positioning, we help you maintain product safety, process reliability and ongoing compliance.

**“The right magnetic solution helps protect your product, preserve process reliability and empowers consistent quality and compliance over time.”**

**Sarah Verschueren**
*Technical Support*



EHEDG EUROPEAN HYGIENIC ENGINEERING & DESIGN GROUP

**Contact us to discuss your unique process**

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