Well rounded

Safe Filtration with Herding® RESIST filter units

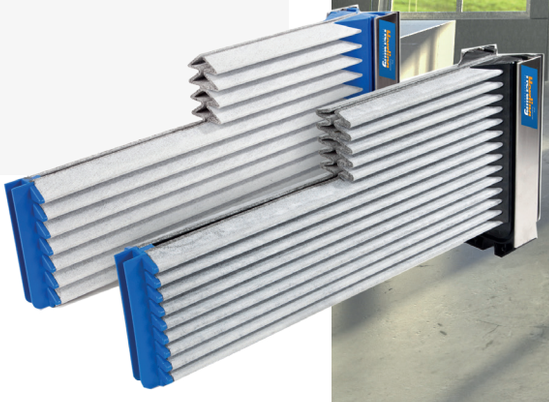
Filter systems in cylindrical, round design are obligatory in order to meet the process requirements in many fields of industrial filtration and separation technology.

The key criteria for choosing round vessels can be the operating pressure (high vacuum or process-related overpressures), hygienic aspects (for example in the food industry) as well as constructive explosion protection in pressure-shock-proof or pressure-proof design.

Individually designed round vessels in combination with the Herding® Sinter-Plate filter are calculated, constructed, manufactured and tested at the company's headquarters at the highest quality level and on the basis of all actual applicable guidelines and corresponding standards.

In-house production of round filter systems

- Production according to EN13445 and/or EN 14460 regulations
- Vacuum-resistant, pressure-resistant and
- pressure-shock-resistant designs
- All common carbon steels, stainless steels, pressure vessel materials and aluminum alloys
- Temperature range from ambient temperature up to 450 °C
- Hygienic design depending on requirements profile
- Comprehensive expertise and choice of systems for constructive explosion protection
- Engineering partner and turn key competence



Features of the Herding® Sinter-Plate Filters

- Pure surface filtration
- Constant operating conditions and flow rates
- Low maintenance costs due to rigid filter media
- Wear-resistant filter elements with a service life > 15 years even with abrasive dusts
- Low footprint requirement due to compact, customized system design
- Highest availability and fast amortization
- Food grade: meets the requirements of European directives (EC) No. 1935/2004 and (EU) No. 10/2011
- Energy-efficient clean-air recirculation possible even with respirable quartz fine dust
- Extremely low guaranteed clean gas values < 0.1 mg/Am³

Author:
Dipl.-Ing. Jörg-Armin Schulz CSO/CMO
Herding GmbH Filtertechnik / www.herding.de