

pure productivity
durable. effective. filter.

NEW

HERDING **FLEXPRO**



BENEFITS

HERDING® FLEXPRO

Proven Herding® Technology in a New Dimension

With FLEXPRO, Herding® presents an innovative new filtration system that sets new standards in energy efficiency, operational safety, and digital integration. Developed for demanding industrial applications, it combines proven technology with forward-looking engineering – offering a solution that flexibly adapts to a wide range of production conditions.

At its core is the further development of the well-known Sinter-Plate Filter technology, enhanced by the newly designed Herding® PRO filter element. This combination enables powerful, sustainable, and economically attractive filtration – without compromising on separation performance or system availability.

**UP TO 25% LOWER
CO2 FOOTPRINT**



**DURABLE
LONG SERVICE LIFE**



**DIGITAL TWIN
OPC UA READY**



**CONSTANT
OPERATING CONDITIONS**



**PLUG & PLAY
USER-FRIENDLY HANDLING**



**PURE RECOVERY
WITHOUT CONTAMINATION**



**COST REDUCTION THROUGH
OPTIMIZED ENERGY USE**



**CLEAN AIR AND PURE GAS DUE
TO LOWEST CLEAN GAS VALUES**



UP TO 30% LOWER DIFFERENTIAL PRESSURE

Herding PRO Filterelements in combination with Herding FLEXPRO

The new Herding® FLEXPRO Filter System combines proven Sinter-Plate Filter technology with an intelligent system architecture. It offers maximum adaptability, sustainably reduces energy and operating costs, and at the same time ensures the highest level of operational reliability – even in sensitive production environments.

DIGITALIZATION

- Digitally assisted commissioning
- OPC UA-Interface for seamless integration into IoT- and control systems
- Digital Twin in the Herding® Cloud

SYSTEM ARCHITECTURE & ENERGY EFFICIENCY

- Integrated volume flow control
- Up to 25% reduction in CO₂-Footprint
- Lower operating and energy costs without compromising performance

STEUERUNG HC4.0

- OPC UA Interface
- Connector Herding® Cloud
- Operational Data Visualization





INNOVATIVE DUST-DISCHARGE

- Easy operation from one side only
- Pneumatic container clamping system sealing of the dust container (max. 1 bar)
- Dust-discharge can be conveniently removed with a pallet truck

USER-FRIENDLINESS

- Short, customer-side commissioning
- Operation and maintenance from one side only
- HC4.0 Interface



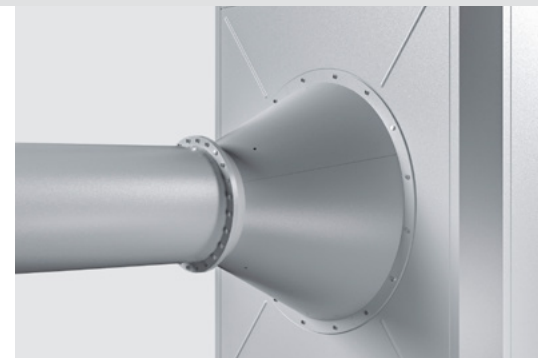
STATUS INDICATOR

- Traffic light style
- Clearly visible



INTELLIGENT AIR GUIDANCE

- Low pressure loss
- Low energy consumption
- Optimally distributed airflow



FILTER

HERDING® PRO

Efficiency meets sustainability

Lower energy consumption, reduced CO₂ emissions, maximum service life

The new Herding® PRO filter element is a key innovation within the FLEXPRO. It combines outstanding separation efficiency with maximum energy efficiency and, thanks to optimized filter geometry and an innovative coating concept, reduces differential pressure. Advanced manufacturing concepts enable up to a 25% lower CO₂ footprint.

Herding® PRO is PFAS-free, temperature-resistant up to 70 °C, food-grade, and highly resistant to chemicals. The unibody design made from a single material allows for a closed-loop process and is therefore recyclable, reprocessable, and reusable. Precisely engineered for the new generation of systems, the filter element is already proving its effectiveness across product lines in practice.

**UP TO 25% LOWER
CO₂ FOOTPRINT**



**DURABLE
LONG SERVICE LIFE**

**MORE EFFICIENCY
LOWER CONSUMPTION**



**COMPACT
DESIGN**

**RESSOURCE-FRIENDLY
FULLY RECYCLABLE**



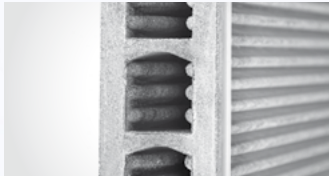
**RESISTANT TO
CHEMICALS**

HERDING® PRO

FILTER HEAD

Unibody - Filter head und body
from one continuous material

RFID-Tag for clear traceability



FILTER MATRIX

Sintered PE (polyethylen)

Rigid filter matrix

Filter geometry provides a
maximum amount of filter area

Surface coating

Microporous layer, homogeneously
embedded in the filter surface



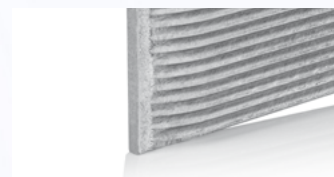
FILTER SEAL/GASKET

Proven, temperature-
resistance



FILTER FOOT

Continuous sintered filter body
Uniform longitudinal expansion
No material combination





CONTACT

Please feel free to contact us! You can fill in the form and send it to us by e-mail

Company

First name

Family name

Phone

E-mail

Branch

Application

Comments

Herding® is a registered trademark//V1.2

Herding GmbH Filtertechnik
August-Borsig-Str. 3
92224 Amberg / Germany

Phone: +49 9621 630-0
Mail: info@herding.de
www.herding.com

