



# The New 250LEN Series Inline Filter

purifying our planet

[www.hengst.com](http://www.hengst.com)



# More Possibilities with the 250LEN Inline Filter

The 250LEN Inline Filter Series complements the existing Inline Filter Series.



## Optimized Cyclone-Effect

With the optimized flow path we are able to improve the differential pressure and increase the separation capability. This results in a very low Delta P value.

## Additional Mounting Possibilities

From size 160-0400, the filter is supplied with additional side mounting, which gives more options for installation. Mini-Mess connections are available as an option from size 0160-0400 onwards.



## High Stability

The new Non-Circular-Design (NCD) of the filter head allows for uniform stress distribution within the filter head. This in turn provides improved overall durability of the filter. Our Life cycle has been increased to 2-million cycles.

# Increase Efficiency and Minimize Costs

The combination of filters and filter elements increases the efficiency of plants and machines while minimizing costs.

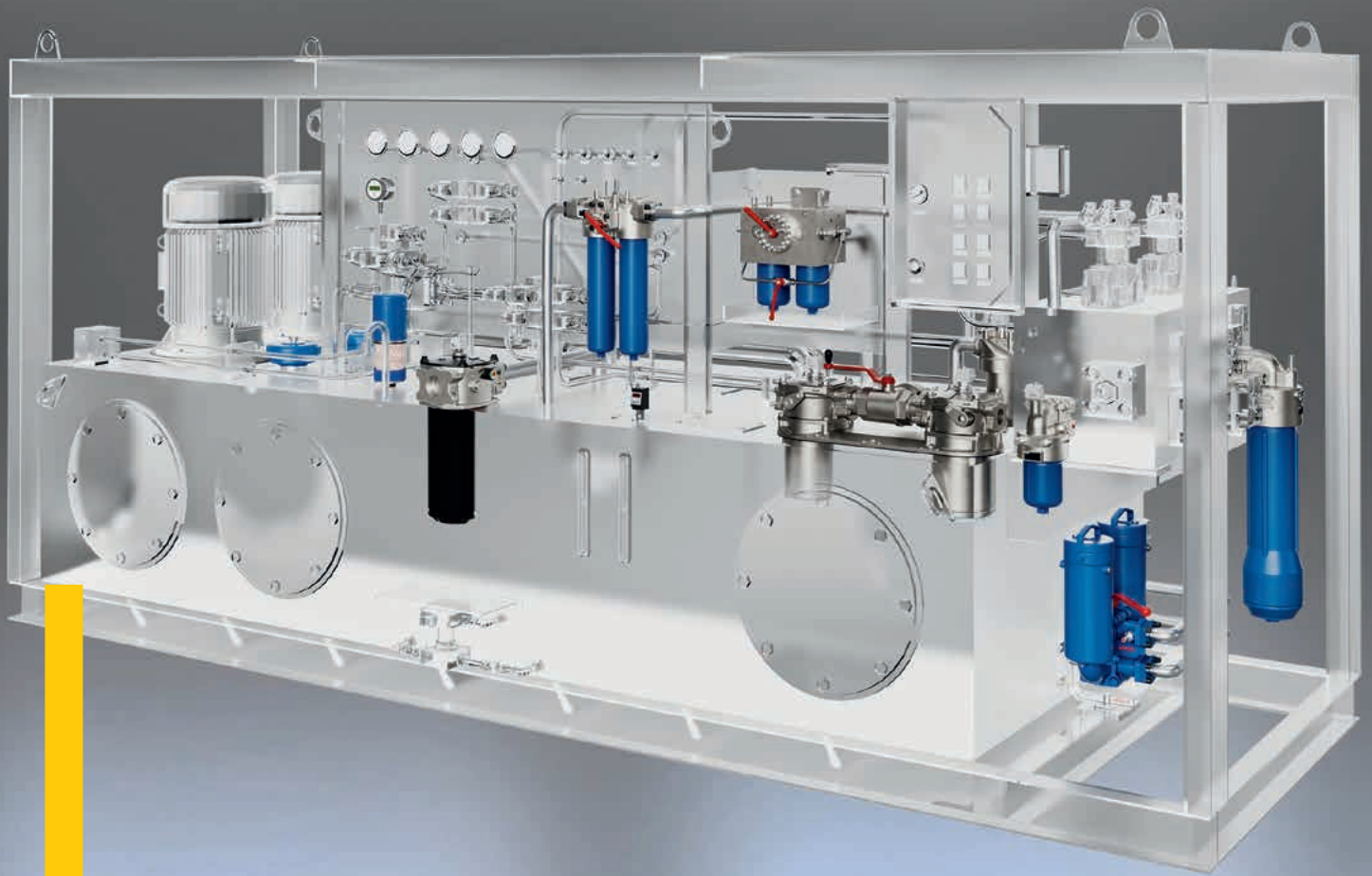
## The Cyclone-Effect

The incoming fluid no longer flows directly on the filter element, but flows tangentially to it and moves downwards around the filter element in a helical pattern. This feature, for which a patent is pending, transports heavy dirt particles to the outside and prevents the filter pores from blocking prematurely. These heavier particles will accumulate on the inside and bottom of the filter bowl, depending on the actual fluid flow conditions, increasing the dirt holding capacity and extending the time between element replacements by 7 – 10 %.

## The Filter Element PURE POWER

The filter element consists of a 6-layer material combination, the core of which is made up of asymmetrically arranged filter layers of inorganic glass fiber layers. The layers are designed in such a way, that the combination achieves a high retention rate and dirt holding capacity, in conjunction with a low clean differential pressure drop. This increase in performance is achieved by means of three effective micro-glass layers in combination with an electrically conductive fleece and support fabric as part of the standard range. This increased performance is achieved by three effective micro glass layers as standard in combination with an electrically conductive layer and a supporting mesh. The filter material is pleated and wrapped cylindrically round the support tube and glued so it is impermeable to liquid along the material seam and top and bottom end caps.





H99900091\_05.2023

**purifying our planet**

**Hengst Filtration GmbH**  
Hardtwaldstr. 43 | 68775 Ketsch, Germany  
Telefon +49 (0) 62 02 / 603-0  
hydraulicfilter@hengst.de

**[www.hengst.com](http://www.hengst.com)**

**Hengst**  
FILTRATION