

# Technical specifications

## Model Range

Freestanding stainless steel tank version. **A**

Stainless steel frame version. **B**

GRP tank version. **C**

## Size Range

2000 mm diameter Drum filter:  
Sizes: 5, 6, 7, 8, 9 and 10 sections

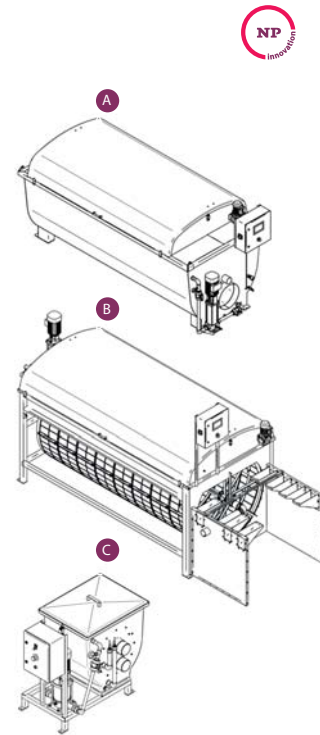
1600 mm diameter:  
Sizes: 4, 5, 6, 7, 8, 9 and 10 sections

1200 mm diameter:  
Sizes: 1, 2, 3, 4, 5, 6, 7 and 8 sections

800 mm diameter:  
Sizes: 1, 2, 3 and 4 sections

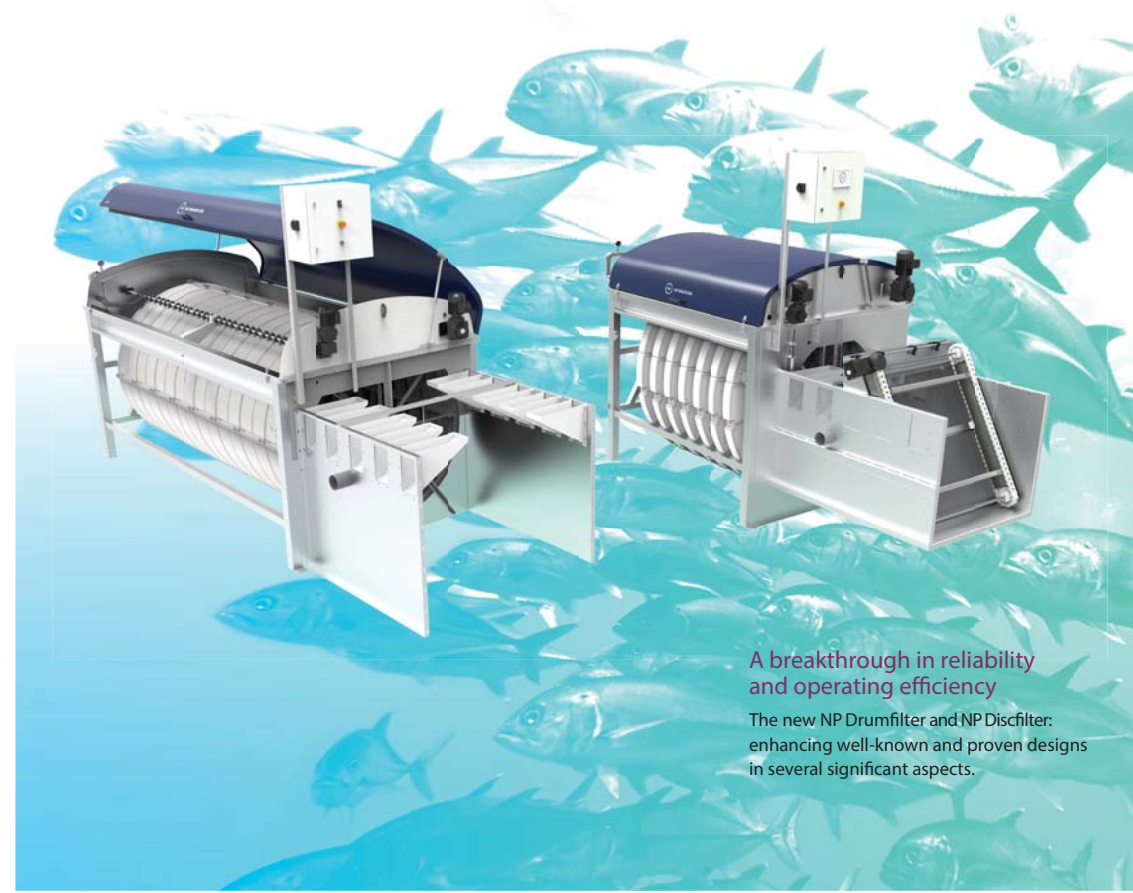
500 mm diameter:  
Sizes: 1 section only

1900 mm diameter Disc filter  
Sizes: 4 to 16 discs



# FILTRATION MADE MORE EFFECTIVE

State-of-the-art microscreen filters for water treatment  
in aquaculture, industrial and municipal applications.



## Reinventing water treatment

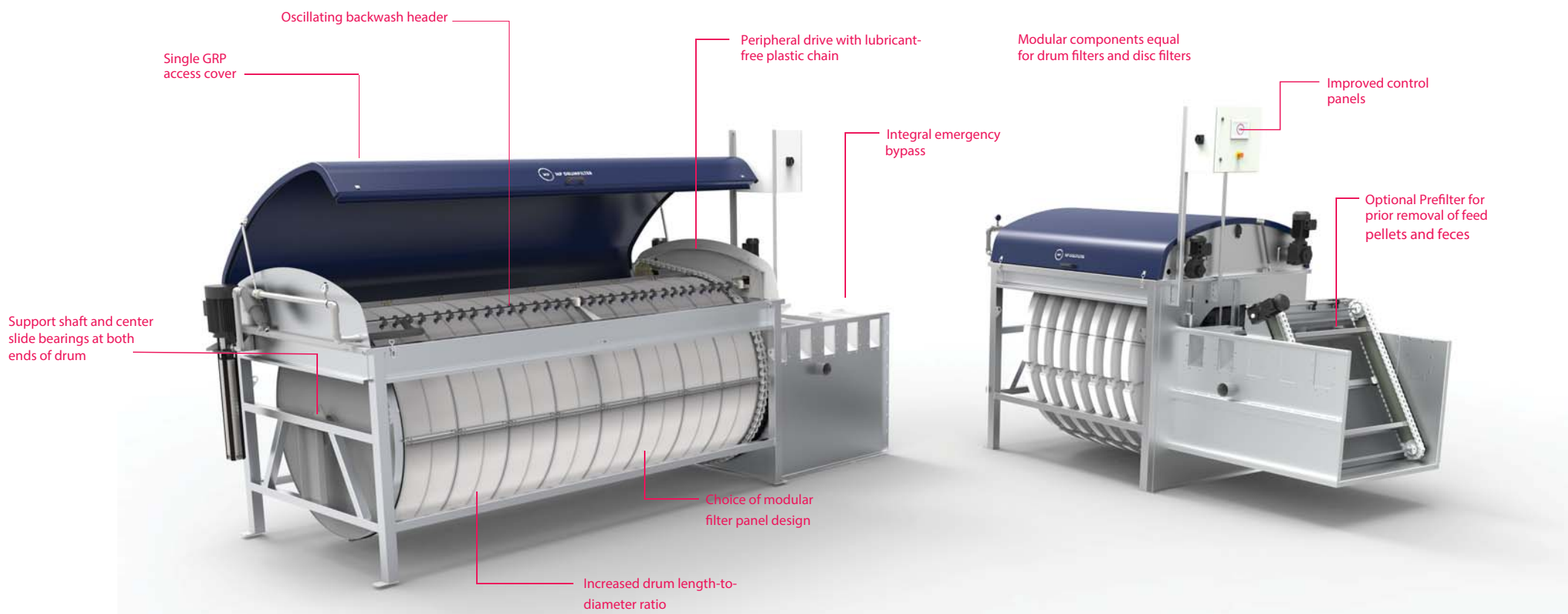
NP Innovation is a company dedicated to the development of water treatment solutions for aquaculture, industrial and municipal applications. Building on 30 years of experience, the pioneers behind the applications for microscreen technology are back to once again change the industry. Improvements comprise design as well as manufacturing, reducing costs for investments, operations and maintenance.

## Contact

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**A breakthrough in reliability  
and operating efficiency**

The new NP Drumfilter and NP Discfilter:  
enhancing well-known and proven designs  
in several significant aspects.



# When you seek reliability and operating efficiency

The new NP Drumfilter and NP Discfilter is built on all the well-known and proven benefits of the microscreen filter technology used extensively in aquaculture. However, the NP Drumfilter and NP Discfilter goes further in enhancing several significant aspects.

The NP Drumfilter and NP Discfilter are mechanical, self-cleaning microscreen filters designed for high performance in water-treatment systems where it's essential to minimize particle break-up. It's ideal for use in aquaculture applications as well as industrial and municipal water and waste-water treatment. The filter design ensures careful handling of solids, essential to achieve the high filtration efficiency required in many applications.

## Many improvements

The improvements cover both the design and manufacturing stages, improving filtration performance whilst lowering investment, as well as operating and maintenance costs.

To ensure the highest standards of quality and quick delivery periods, all design work and manufacturing takes place in Sweden.

## Why is it better?

The development work leading up to the new NP Drumfilter covers the basic design principles, as well as a large number of detail refinements. For example:

- **Drum design** with support shaft and slide centre bearings at each end – improved structural integrity, reduced overall weight and long life bearings help reduce investment and operational costs.

- **Peripheral drive** arrangement with lubricant-free non-metallic chain – reduced stress on the drum structure and drive arrangement, leading to reduced maintenance costs.
- **Modular design** – increases manufacturing efficiency leading to reduced initial purchase cost and improved delivery periods.

Please visit [www.npinnovation.se](http://www.npinnovation.se) for more information.