

POLYLESS® PMF Microfiltration System



HI-TECH SOLIDS-LIQUID SEPARATION FOR THE CIRCULAR ECONOMY

The POLYLESS® PMF Microfiltration system consists of a motor drive, which drives a tool to internally produce the force required for micro-filtration. A screen retains the solid phase, which is expelled through the top of the machine, whilst the material to be treated is introduced in the lower part. The intensity of the pumping effect is used to increase separation efficiency.

The POLYLESS® PMF Microfiltration system is particularly specialised for pre-separated liquid treatment.



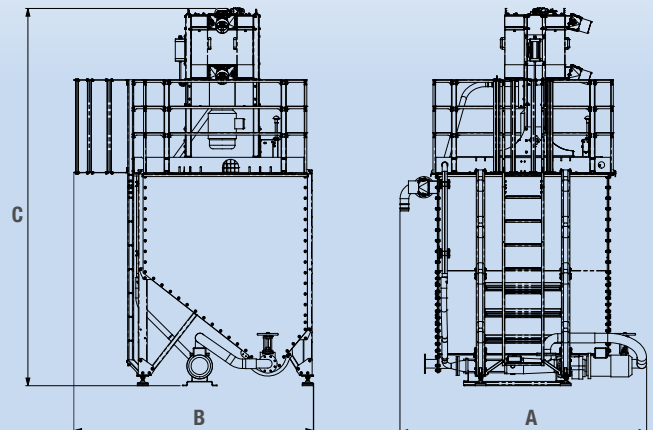
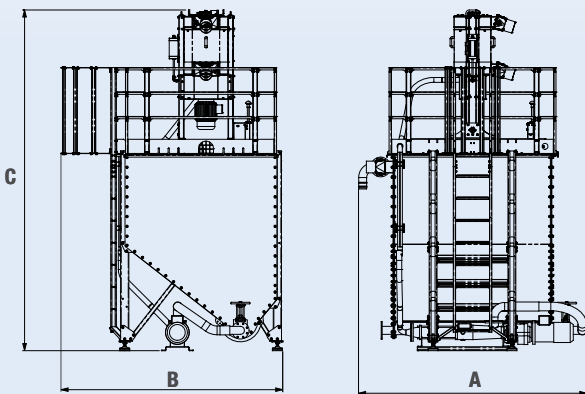
Technical Data



POLYLESS® PMF
260



POLYLESS® PMF
500



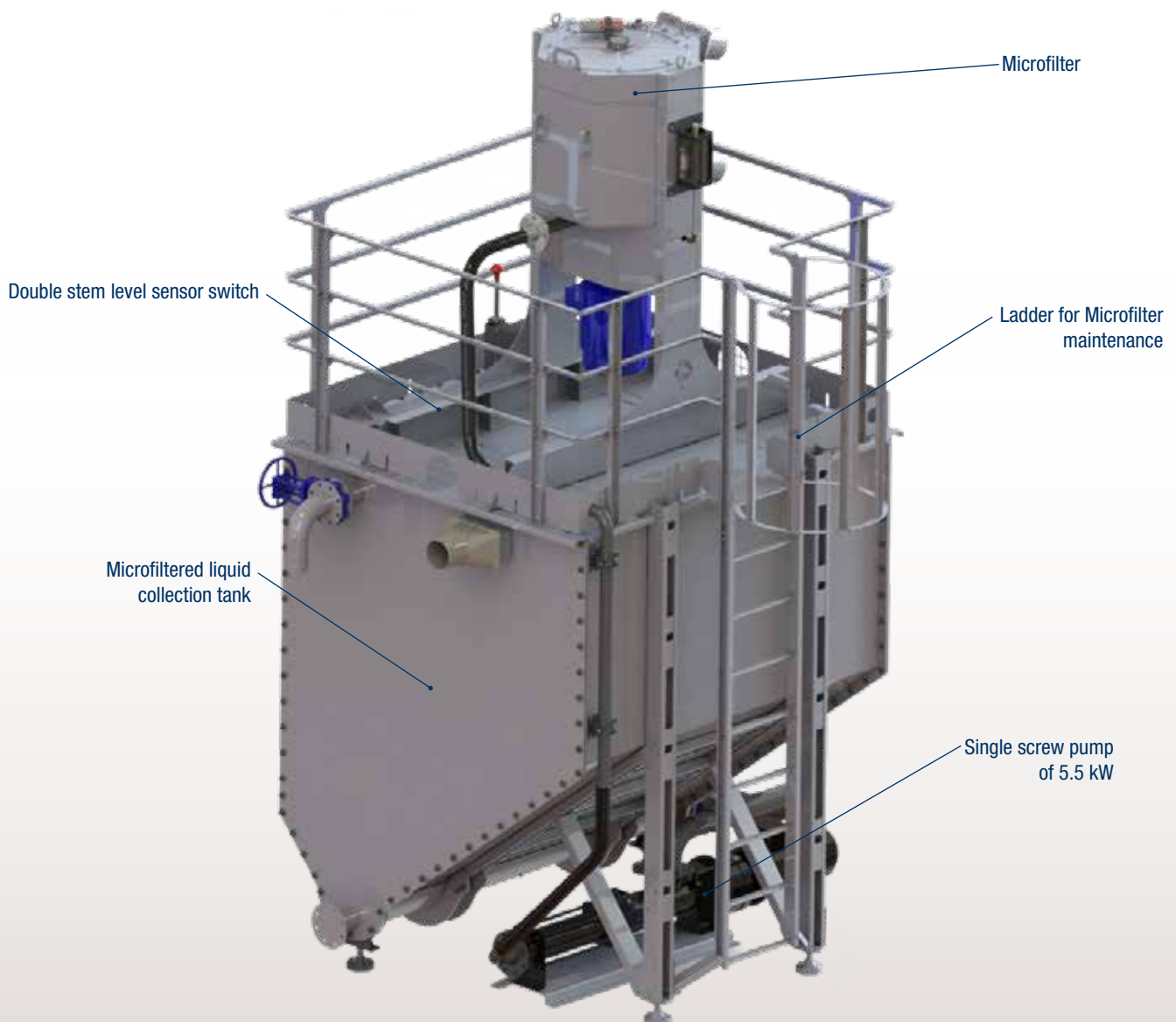
MODEL	Screen Diameter (mm)	Dimensions (mm)			Drive Power (kW)	Weight (kg)
		A	B	C		
PMF-260	260	2,900	2,815	4,325	15	1,900
PMF-500	500	2,900	2,815	4,435	15	2,200

Benefits

- ✓ Very high separation efficiency thanks to gap widths of up to 0.025 mm
- ✓ Turn-key system
- ✓ Very low maintenance requirements

Technical Features

- Stainless-steel structure
- Control panel
- Raw liquid storage up to 6 m³



Application



Livestock farming



Pig farming



Biogas

Throughput Range in m³/h*

MODEL	Inlet Dry Matter %	Throughput [m ³ /h]
PMF-260	1-5	up to 10
PMF-500	1-5	up to 20

* Values measured in standard operating conditions. Results may differ depending on type of material treated, fiber content and viscosity. Information and illustrations are not binding.

