

PRE-FILTRATION SYSTEMS

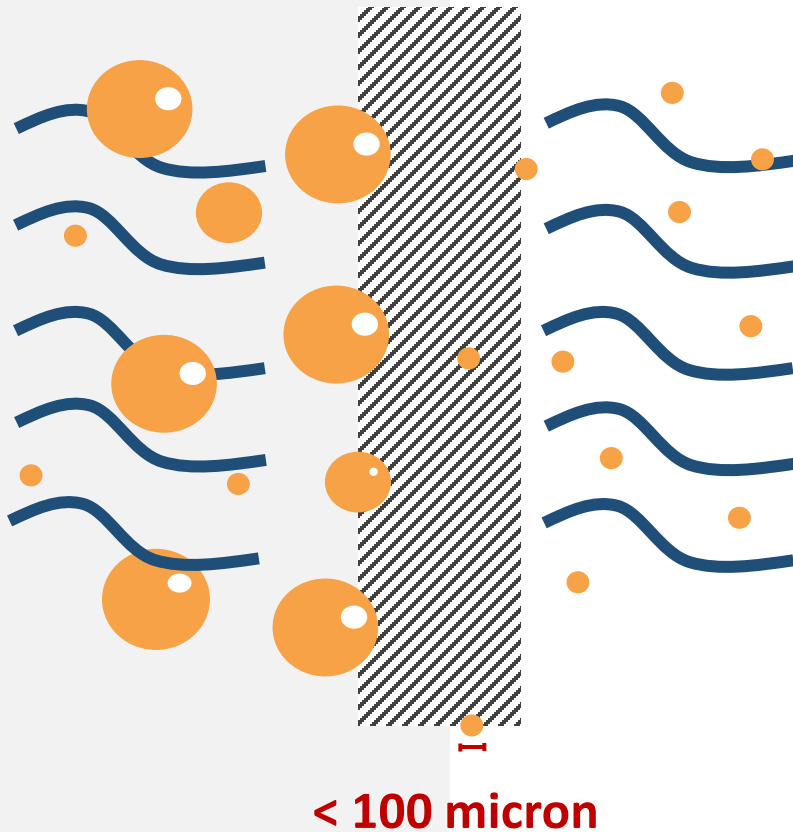


Process

Sieve filtration systems for partial cleaning of heavily loaded liquids in suspended solids. Coarse particles up to 100 microns size are totally retained.

A stainless steel filtering septum is fed with lees: **STATIC** model has a slide-shaped septum, **MATIC** model a cylinder-shaped one.

For some application the filtering element is equipped with a self-cleaning mechanical device.



Applications

The systems are suitable for all kind of applications which require the removal of coarse solids inside the process liquid.

Examples:

- Removal of solids and suspended fibers from juices pressing
- Pre-filtration of fermented products
- Preliminary clarification of beer

Models

A slide-shaped stainless steel filtering septum is fed with the lees: the suspended particles are retained on the external surface of the slide, while the liquid goes through the septum and is collected in a basin.

	STATIC
Filtration size (min/max)	100-800 micron
Flow	5000-10000 L/h
Dimensions	900x1250x1500 mm
Weight	110 Kg

Optional

- **Sending pump group** for the automatic delivery of filtered product
- **Motorized self-cleaning device** for mechanical cleaning of the filter screen with removal of separated solids



Models

A cylindrical-shaped stainless steel filtering element is fed with the lees: while the liquid goes through the cylinder, the retained solids are automatically discharged. This model is engineered and manufactured for processing liquids under pressure.

	MATIC
Filtration size (min/max)	100-500 micron
Flow	2500-5000 L/h
Pressure	6 Bar max
Dimensions	950x750x1900 mm
Weight	110 Kg

