

# MASTERCLEAN

Reduce your operating costs significantly, extend the lifespan of your tools and help the environment with a central filtration system from us.

Our custom made central filtration systems for efficient filtration of coolants and process fluids made at our factory in Denmark, are available either as a bypass or full flow system constructed in powerful stainless steel with bandfilter, oil separator, pumps, level control and control cabinet. A centralized system is a complete solution with user-friendly control including monitoring and alarms as well as the possibility of SMS warnings and a wide range of extra options.

Applications:

- Coolant
- Process fluid
- Oil
- Water treatment
- Sewage

Extra options:

- Chiller
- Magnetic separator
- Automatic dosing systems
- Snail conveyor for dirt
- Filter housings
- Filter paper
- Double-walled tank
- Insulated tank
- Collecting tray according to Water Resources Act (WHG)



MODEL	MC 1000	MC 2000	MC 3000	MC 4500	MC 6000	MC 8000	MC 10000	MC 12000	MC 14000
Tank volume	1000 L	2000 L	3000 L	4500 L	6000 L	8000 L	10000 L	12000 L	14000 L
Band filter	UF 500	UF 1000	UF 1000	UF 1000	UF 2000	UF 2000	UF 2000	UF 2000	UF 2000
Oil separator	OS-Q2	OS-Q2	OS-Q2	OS-Q2	OS-Q2	OS-Q2	OS-Q2	OS-Q2	OS-Q2
Power supply	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz	3x400V + N + PE 50 Hz
Labyrinth system	—	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

- ✓

**100% stainless steel construction**  
Produced in AISI 304 / EN 1.4301.
- ✓

**Band filter**  
A hydrostatic band filter for filtration of contaminants, particles and chips from the process fluid is standard.
- ✓

**Reduce operation cost significantly**  
A centralized filtration system can reduce operation costs of up to 5.300 euro pr. year on each connected CNC-machine.
- ✓

**Oil separator**  
Our innovative oil separator with four-chamber system is build into the filtration system.
- ✓

**Higher overall efficiency**  
The reduced manpower needed for maintaining the CNC-machines and more production hours pr. machine improves efficiency in the whole production.
- ✓

**Monitoring and control**  
The centralized filtration systems is delivered with complete monitoring systems including alarms and possibility for SMS-service.
- ✓

**Custom made solution**  
The centralized filtration systems are always produced according to customer specific needs.
- ✓

**Effective continuous filtration**  
The filtration systems ensures continuous filtering of the process fluid during production.
- ✓

**Automatic waterfilling**  
The filtration system is automatically controlling the water level using a level sensor and magnetic valves.
- ✓

**CE – EU Machinery Directive**  
The centralized system is produced in Denmark in conformity with the EU Machinery Directive.