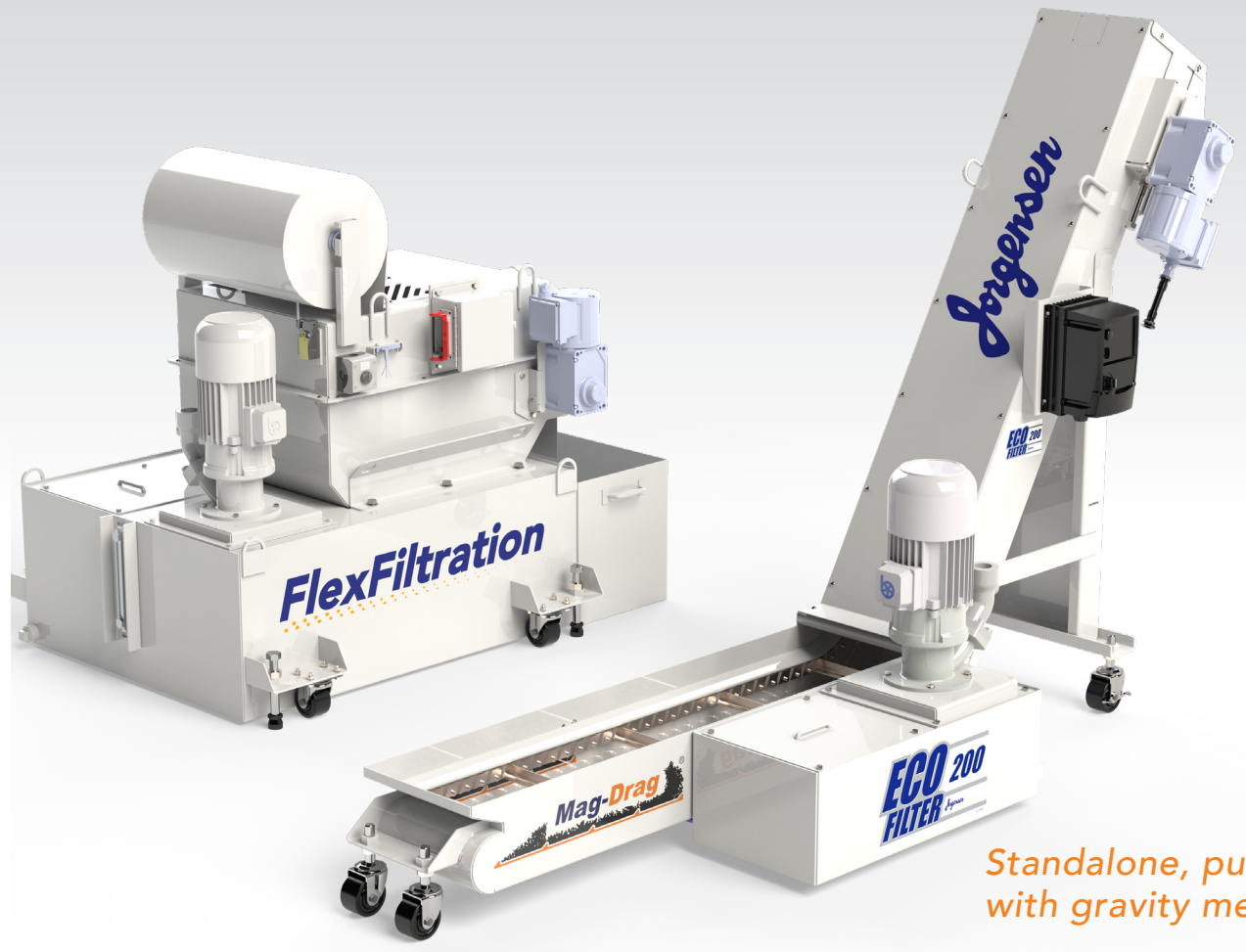




Standalone, pump-to tank
with gravity media filter

APPLICATIONS

- Oil and water based coolant filtration
- Central coolant systems
- Automated machining operations
- Lights-out machining
- Precision manufacturing
- Steel, aluminum, cast iron, composites, and more
- Grinding, drilling, milling, turning, 5-axis, and more

INDUSTRIES

Machining applications for industries including:

- Aerospace
- Automotive
- Construction & Agriculture
- Defense
- Medical & Dental
- Machine Shops & Contract Manufacturing

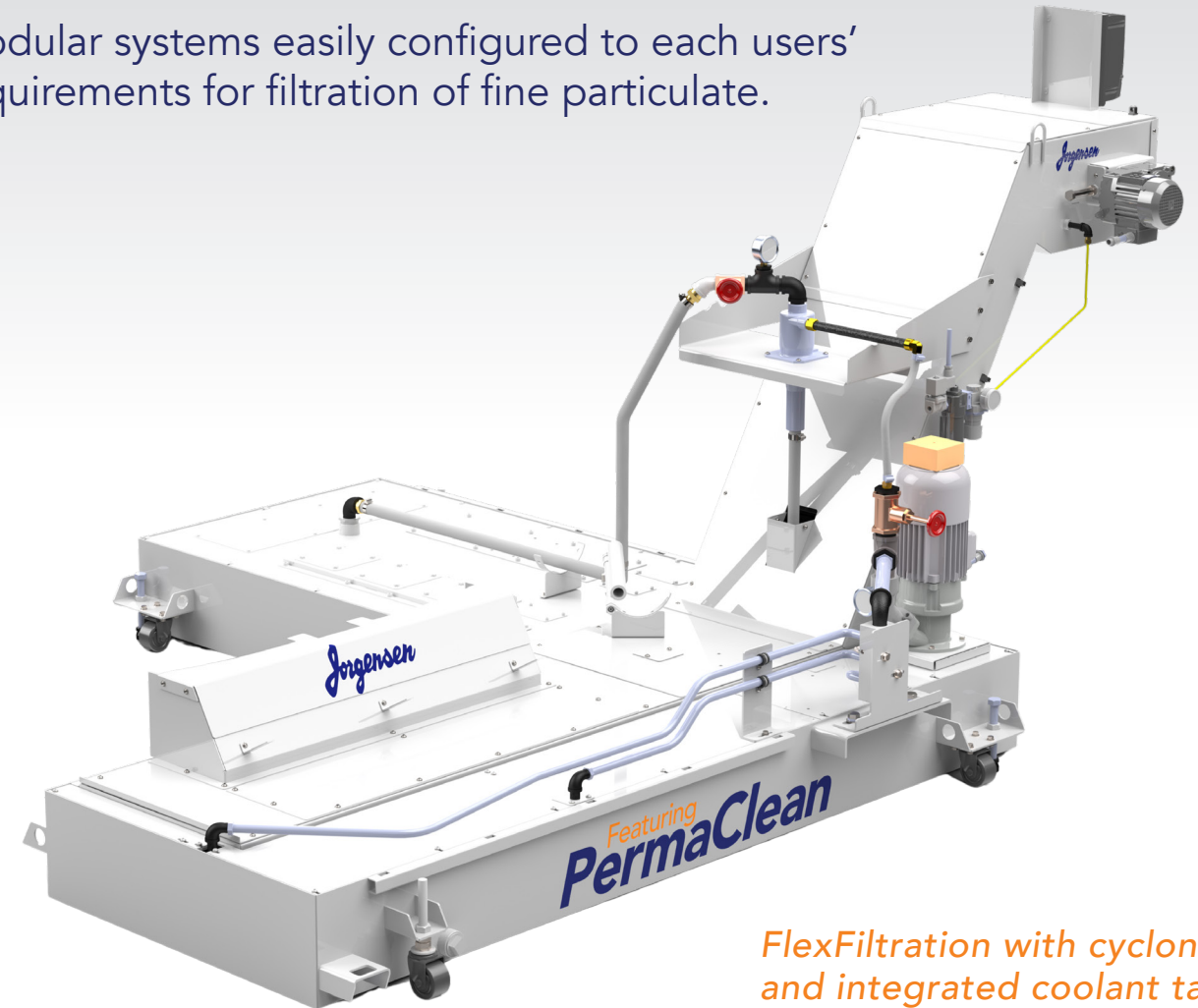
Check out our website for a complete product list and more information.

Website: www.jorgensenconveyors.com
Email: info@jorgensenconveyors.com
Phone: 262-242-3089



FlexFiltration

Modular systems easily configured to each users' requirements for filtration of fine particulate.



FlexFiltration with cyclonic filter
and integrated coolant tank

FEATURES

- Gravity media, cyclonic, or bag filtration
- Fabricated with modular filter and tank components to meet your specific filtration requirements
- Integrated or standalone coolant tanks
- Positive seal design used to eliminate fines migration
- Coolant flows from 25 - 200 GPM
- Variety of standard tank sizes and configurations

Tank size is based on volume request and components required. Clean and ultra-clean tank sections optional.

BENEFITS

- Filtration to 10 micron or better
- Integration with filtering conveyors
- Modular design allows for cost effective customization
- Can be integrated with existing coolant tanks and systems
- Customizable and adaptable for maximum efficiency
- Helps meet environmental standards
- Lower maintenance, longer time between tank cleanings



FlexB Series

HOW IT WORKS

1. Chips and large fines are removed from the machine tool by a filtration conveyor
2. Dirty coolant is either pumped from the machine or gravity flows to the inlet of the primary filter option.
3. Gravity media, bag filters, or cyclonic filtration clean the coolant.
4. If necessary, coolant moves to an additional level of filtration for high pressure pumps.
5. Additional chillers, oil skimmers, or monitors can be added to the coolant tank.
6. Filtration components can easily be added or changed if the machining operation changes.



FlexC Series

Flexible, cost-effective solutions for challenging filtration applications.

OPTIONS

- Control or interface with pumps and auxiliary equipment
- High pressure coolant pumps
- Tramp oil skimmers
- Low profile tanks available on all filter sizes Coolant chillers/heat exchangers
- Tank autofill plumbing assembly
- Electronic sensors including liquid level monitoring, coolant temperature, etc.
- Stainless-steel tank assembly

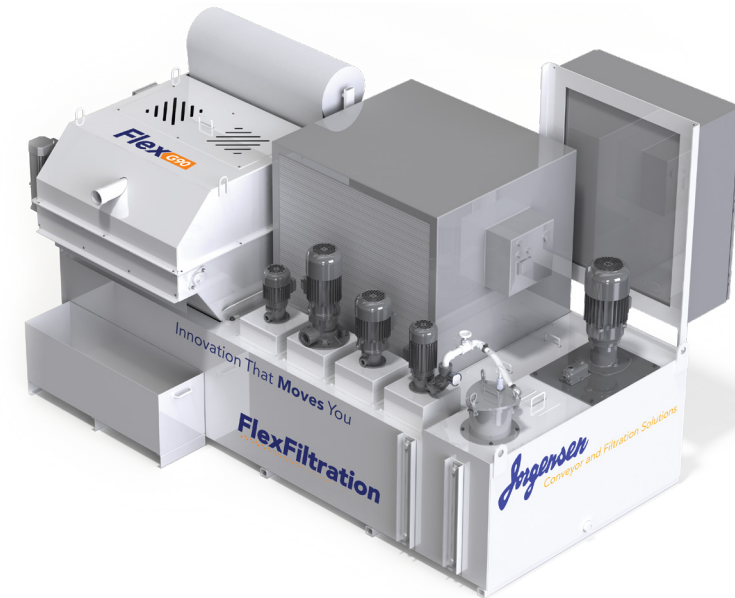
Featuring PermaClean

Upgrade to a PermaClean system for a self-cleaning coolant tank.

PermaClean provides multi-stage, continuous filtration with tank agitation to eliminate settling debris

Eliminate tank maintenance with fully automated coolant management.

Gravity media, bag filters, and cyclonic filtration efficiently remove fine chips and sludge



FlexG Series

BUILD YOUR SYSTEM

Start With a Coolant Filtering Conveyor

Begin with a Jorgensen filtration conveyor designed to remove chips, fines, and grinding sludge from the machining process. EcoFilter cells fit within the body of a standard conveyor and filter coolant down to 80-micron clarity.

Select Fine Filtration Media

Choose from gravity media, cyclonic, or bag filtration technologies to achieve the coolant clarity your application requires, down to 10 microns nominal or finer.

Add Accessories and Automation

Complete your system with coolant management and automation features, including:

- High-pressure pumps
- Oil skimmers
- Coolant level sensors
- PermaClean coolant tank solutions
- Automated controls for lights-out operation

The result is a complete, flexible filtration system engineered specifically for your process.