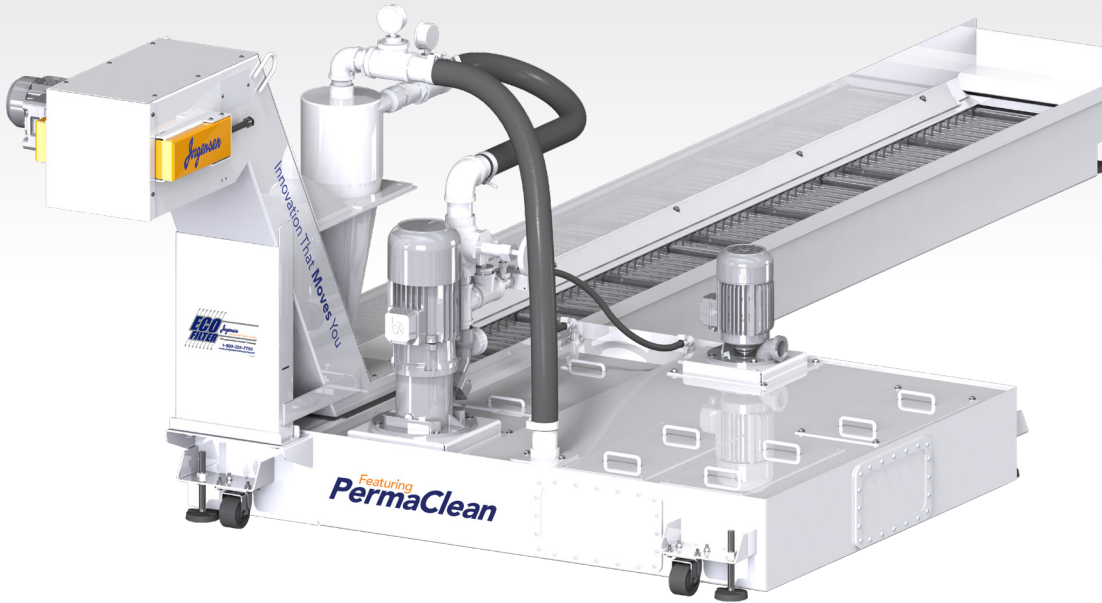


PermaClean

Coolant tank accessory to eliminate sludge and drastically reduce maintenance costs



Add PermaClean to a Jorgensen filtration system for a clean tank and minimal downtime!

Filtration systems equipped with PermaClean significantly reduce labor hours required for frequent tank cleaning.

OPTIONS

- Will-Fill automated coolant management system
- Cyclonic filter
- Gravity media filter
- Bag filters



The above system, equipped with cyclonic filtration, PermaClean, and Will-Fill, offers a nearly maintenance free conveyor and filtration solution. This system features reduced tank maintenance, automated coolant management and no disposable medias to replace.

BENEFITS

- Nearly zero machine downtime for tank maintenance
- Improved pump, tooling and coolant life
- Improved part finish/part accuracy
- No consumables – environmentally friendly / cost effective
- Less wasted coolant
- Maximizes efficiency of coolant filtration down to 50 micron nominal*
- Consistent coolant quality throughout the tank

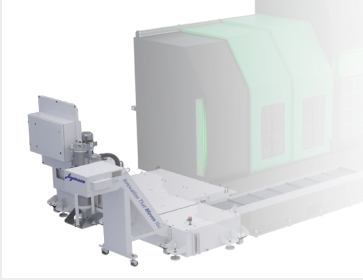
*Filtration performance is dependent on many factors and can vary based on specific application characteristics. Please contact Jorgensen Conveyor and Filtration Solutions to discuss what filtration design will best meet your application needs.

APPLICATIONS

PermaClean is applicable in systems where fine chips settle in the coolant tank, requiring regular cleaning. It excels in the following systems:

- High coolant clarity required
- Two coolant tanks or split tank - clean and ultra clean
- Central system or individual
- Primary and secondary filtration
- Fine chips or sludge build up

PERMACLEAN FILTRATION SYSTEMS



For more information on PermaClean in the field, check out our white paper.



HOW IT WORKS

1. Chips and coolant enter the EcoFilter's conveyor's load section. Large to mid sized chips are carried out by the hinged or scraper belt.
2. Fine chips and filtered coolant flow through the filter cell, out of the side of the conveyor and into the coolant tank.
3. PermaClean uses eductor nozzles to keep coolant in motion, suspending chip particulates and preventing them from settling.
4. Coolant is pumped through secondary filtration such as cyclonic, bag filters, or gravity media.
5. Clean coolant enters an ultra-clean tank for reuse in the machine tool.

RETURN ON INVESTMENT

- If a company cleans their tank 4 times a year and spends 20 hours each time, at a \$60 hourly wage or cleaning fee, that adds up to \$4,800 in cleaning costs for the year.
- The potential lost production for the machine to shut down for cleaning, based on a \$100 hourly production rate, is about \$8,000.
- To refill a 250 gallon tank with a 10% concentration mix, at an average coolant cost of \$35 per gallon. The coolant cost would be \$875. Changing coolant an average of 4 times per year, the total annual cost is about \$3,500
- PermaClean can reduce or eliminate this annual estimated cost of **\$16,300** per machine.
- **Your payback for PermaClean® can be very quick!**

A happy tank = a happy bank!

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

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



10303 North Baehr Road
Mequon, Wisconsin 53092

1-800-325-7705
www.jorgensenconveyors.com

