



Cutting Water Filtration Unit for Dicing Saws

CC Filter Unit

Unique filter design for low filtration running costs

Designed for use next to a dicing saw

Ultra-small footprint filtration system

This unit recycles dicing/grinding water and filters wastewater to reduce the load on equipment in the following processes. A dual type filter unit with 2 CC filters installed for high processing flow rate and a single type emphasizing a small foot print are available.

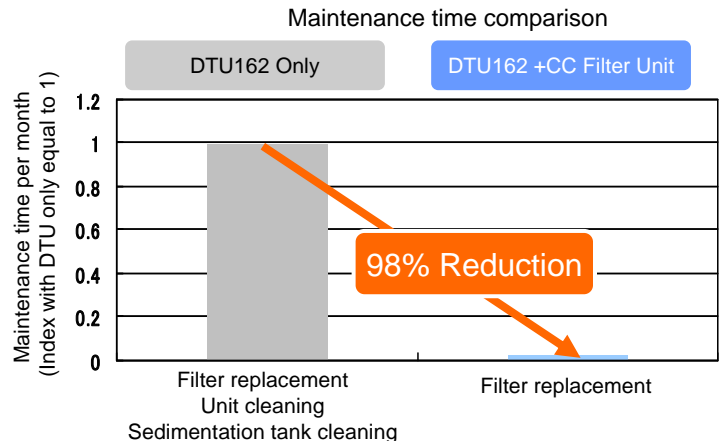
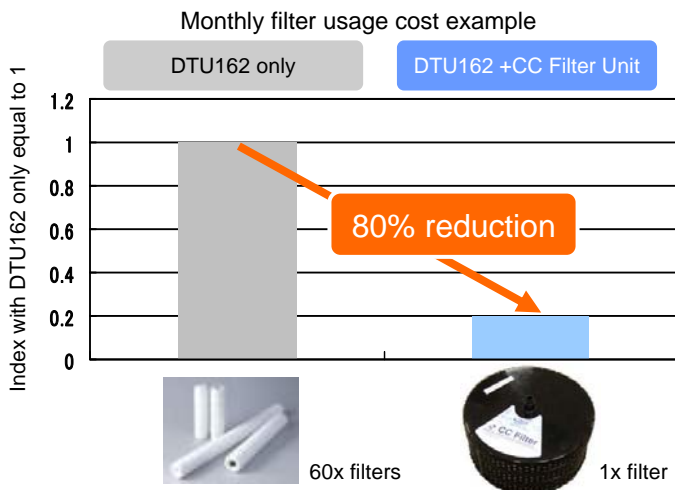
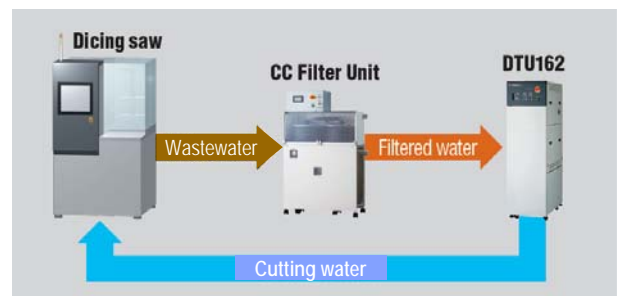
CC filter for equipment miniaturization and high recycling efficiency

The CC filter unit uses DISCO's original filter design for a high filtration rate and with a long life. Suspended particles that are collected by the CC filter can be easily discarded with the filter.



Improves the CoO of the dicing water circulation system (when connected to a DTU162)

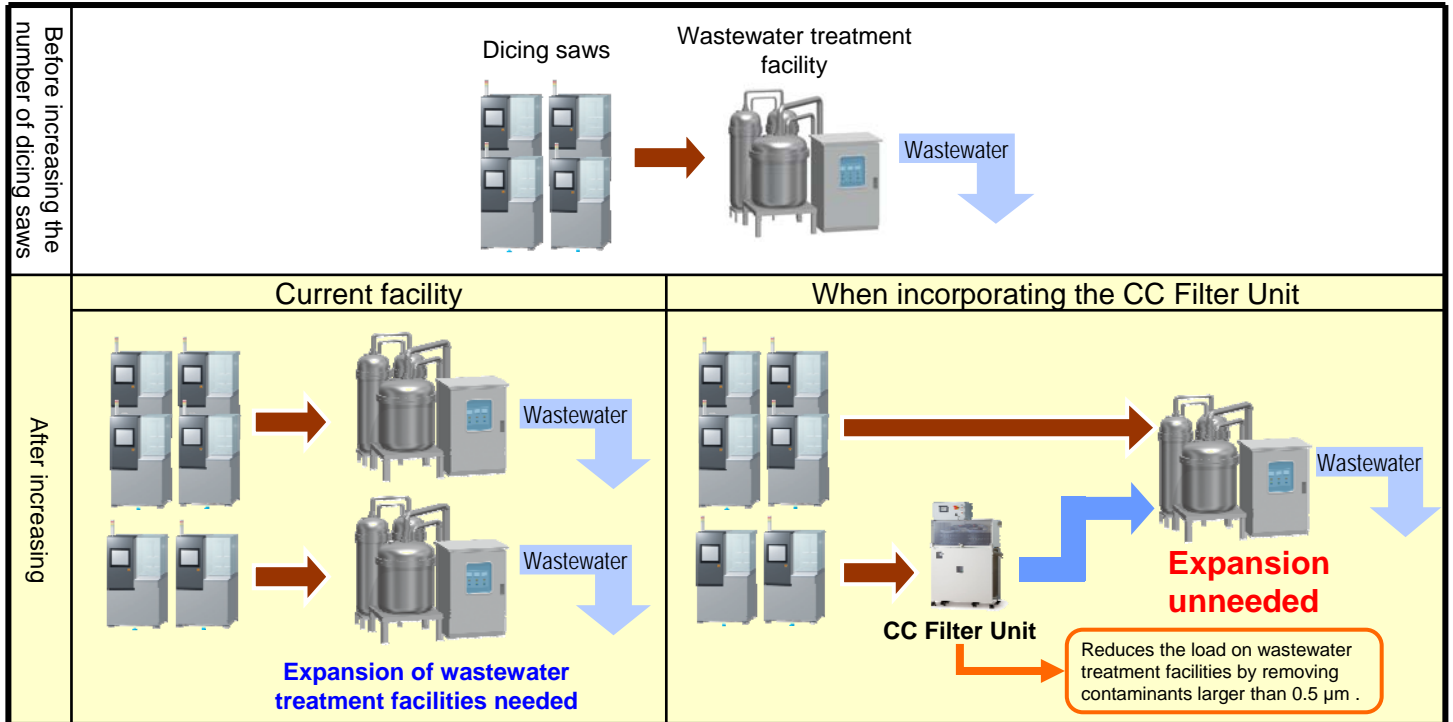
A large portion of the suspended particles in the dicing wastewater are collected by the CC filter. This reduces the number of filters required by the DTU162 and reduces the filter cost. Furthermore, the frequency with which filters have to be replaced is reduced, in turn reducing maintenance time, and helping to increase the utilization rate of dicing saws.



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Reduces the load on existing wastewater treatment equipment

By incorporating the CC Filter Unit as the first level of water filtration, the load on existing wastewater treatment facilities can be reduced. This improves the wastewater treatment capacity without having to expand existing facilities.



Filter lineup

We offer a range of filters to suit each customers processing conditions.

Mesh size	Guideline for supported blade sizes
10 - 15 μm	Up to #300
1 - 3 μm	Up to #700
0.5 - 1 μm	Up to #1000

Specification				
	Specification	Unit	Single	Dual
Recycling function	SS (Suspended Solids) removal	-	Removable	Removable
	Filter mesh size	-	Select one from 0.5~1 / 1~3 / 10~15 μm	
	Treatment flow rate	L/min	10	20
Utilities	Machine dimensions (WxDxH)	mm	400 x 400 x 1,260	760 x 374 x 1,260
	Machine weight	kg	61 (when it is dry)	75 (when it is dry)

Usage conditions

- This machine should be used in an environment, free from external vibration. Do not install the machine near a ventilation opening, heat generating equipment, or oil mist generating parts.
- This equipment uses water. In case of water leakage, please install the machine on a floor with sufficient water proofing and drainage treatments.
- The CC filter unit does not have a function to pressurize wastewater. Filtered water is drained through the use of an incline.
- As the above specification may change due to technical modifications, please confirm before placing your order.
- All pressures specified above are gauge pressures.
- For further information regarding applications, please contact your local sales representative.