



**Innovation**  
Filter System

[www.innovationfilter.com](http://www.innovationfilter.com)



# CRYSTAL FILTER

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Retro fit

Before  
FiltrationAfter  
Filtration

Crystal Filter works on the principle of mineral bed filtration. Dirty water flows through a vessel containing bed of special grade minerals. Dirt is trapped in the minerals while clean water flows out of vessel. The system is backwashed at regular intervals to remove the trapped dirt from minerals.

Standard Models	Crystal-70	Crystal- 120
Filtration rate (lit/min)	70 lpm	120 lpm
Material of construction of wetted parts	MS/SS 304	MS/SS 304
Electrical consumption (Kw)	0.5	1
Options	Manual/Automatic	Manual/Automatic

## ADVANTAGES

- Filtration level down to 15 micron
- Reduced changing frequency of filter cartridges in wirecut machines
- Backwashable filter medium
- Uninterrupted full flow filtration

## APPLICATIONS

- Retrofit for wirecut machines- Sodick, Mitsubishi, Agille-Charmilles, etc.
- Grinding using water based emulsion coolant Tungsten carbide, silicon carbide, glass

5 micron filter element

