



# Retrofit Mineral Bed Filter for Wirecut Machines.

**Innovation**  
Filter System



Retrofit unit for Wirecut



Retrofit for imported wirecut machines

## Working

1. De-ionised water from wirecut machines is extracted from dirty water collection tank.
2. Dirty water is passed through the specially engineered minerals inside the filter vessel under pump pressure.
3. Dirt is trapped inside the minerals, while clean water flows back to tank.
4. The minerals are backwashed using water in the auxilliary tank by reversing the flow of water in opposite direction using the multi-port valve.
5. The trapped dirt will be collected in the overhead sludge tank along with water.
6. Water in sludge tank is decanted back in the auxilliary tank.
7. Due to backwash, the mineral bed is disturbed inside the vessel and needs to be settled down. Hence, a rinsing cycle is done
8. Backwashing is done every 8 hours and takes less than 5 minutes to complete.

## Salient features

- Filtration down to 15-20 micron particle size
- Drastic reduction in dirt level on the paper cartridge filter
- We guarantee at least 1 year of service life of the minerals
- Uniform flow rate throughout service life of minerals
- Totally backwashable
- No recurring cost or maintenance cost
- Absolutely no wastage of valuable de-ionised water

## Advantages

- Payback period of less than 1 year
- Life of paper cartridge filter is enhanced by at least 2 to 3 times
- Reduced operational cost
- Absolutely no consumable cost
- Completely eco friendly filter media

## Some of our esteemed customer



**Innovation**  
Filter System

**Innovation Filter System Pvt. Ltd.**

Flat No. 2, 'Saikrupa' 34/4, Main Prabhat Road, Near Hotel Laxman, Erandwane, Pune: 411004, India.

Telefax: +91 020 25466866, 25450869

E-mail: ifspune@gmail.com | www.innovationfilter.com | www.innovationfilter.net

### Our agent for Gujarat region

Company name- Ashish Sales

Contact person- Ashish Shah

Email address- ashishsales2013@gmail.com

Address- 39, 2nd floor, B Wing, Abhishek Complex, Near Bank of Baroda, GIDC Main Road, Makarpura, Vadodara