

# Filter Press:

ENVICARE provides the wide ranges of Filter Press Systems of SIZES varies from sizes ranges from 470 mm x 470 mm TO 1200 mm X 1200 mm upto 7 bar Filtration Pressure with and without hydraulic closing devices. Sludge handling capacity ranges from 10 Kg/Batch to 1200 Kg/Batch vary with the filter press sizes and the number of chambers. The system normally comprises of – Filter Press, Filter Cloths Set, Sludge Pump, Sludge Collection Tray & Internal piping, etc.



## Features:

- Wide range of sizes and configurations
- Optional expansion piece (Optional)
- Automatic Operation
- Rugged Construction
- Extensive aftermarket services available

## Benefits:

- Dewatering solution to most process flows
- Future expandability
- Reduced labor
- Long service life
- Convenience and reliability for you

## Technical Details:

**Std Models:** 470 x 470 / 610 x 610 / 762 x 762 / 800 x 800 / 915 x 915 / 1000 x 1000 / 1100 x 1100 / 1200 x 1200

**MOC of Skeleton:** Cast Iron or Mild Steel.

**MOC of Filter Element:** Polypropylene / Cast Iron / SS 304 / SS 316



**Working Pressure:** 3 to 5 Kg/cm<sup>2</sup>  
**Working Temperature:** Max 70 Deg

## Application:

- **CHEMICALS:** Basic, Organic & inorganic chemicals
- **PHARMACEUTICALS:** Antibiotics Bulk Drugs, intermediates
- **POLLUTION:** Effluent Treatment Plants

## Double acting Hydraulic Cylinder with pressure compensated motorized power pack :(Optional)

The system consists of pressure compensated motorized power pack having high pressure radial triplex plunger pump, solenoid operated direction control valve, pilot operated non-return valve, differential pressure switch, relief valve, pressure gauge and double acting hydraulic cylinder having 800 mm. stroke which closes and seals the filter plates pack automatically and returns the moving head to its open position by simply pressing a button.

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