



ENERGY EQUIPMENT

Filter Press



ENERGY EQUIPMENT

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The filter press is a solid liquid separation device using the principle of pressure feeding. It has been used successfully in almost every industrial filtration application for many years. It includes a series of filter plates and frames or recessed plates which are arranged alternately. The filter medium is provided in between the plates. A feeding pump is utilized to force the liquid through the medium leaving the solid trapped inside. Compared to other pressure filters the filter press holds more solids per square feet of filtering surface area than any other. A closer is required which will be manual operated. The closer containing a controlling a follower plate presses the plates together, creating a sealed unit. The filter press is typically less costly to install than compared to rotary drum vacuum filters, belt presses or centrifuges. It is significantly less expensive and easier to maintain and operate than the other three, and service life has been proven time and time again to be much longer.

FILTER PRESS designed in such a way to give maximum filtration efficiency and less maintenance throughout its service life. We built a solid reputation in the market from our designing of filter press which quickly and efficiently does the filtration.

Specification:

- | | |
|--------------------------|---|
| 1) Name of the equipment | : FILTER PRESS |
| 2) Type of Element | : Polypropylene |
| 3) Type of Delivery | : Central Opening |
| 4) Closing Device | : Screw type / Hydraulic with Hand pump or Power pack |

Size & Capacity:

- | | |
|--------------------------|-------------------------------------|
| 1) Plate | : 18" x 18", 24" x 24" or 36" x 36" |
| 2) Cake Thickness | : 50mm |
| 3) No. of Plate/Chambers | : X Plates / (X-1) chambers |
| 4) Filtration Area | : Y m ² |

Material of Construction:

- | | |
|----------------------|-----------------|
| 1) Feed Head | : MS |
| 2) Fixed End | : MS |
| 3) Moving Plate | : MS |
| 4) Rollers | : MS |
| 5) Plates | : Polypropylene |
| 6) Tie Bar | : MS |
| 7) Nozzles & Flanges | : Polypropylene |



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