

**A Filter Press for Every Filtration Application**

**Introducing**

**NEWS LETTER**



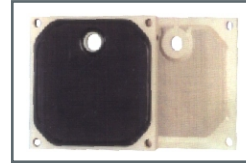
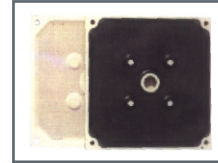
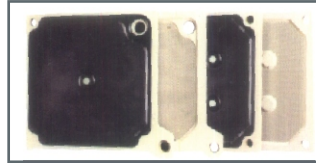
# Fully Automatic Filter Press with Membrane Chamber Plates

We express our sincere gratitude for your continuous patronage extended to us. Our association with your esteemed organization has always been encouraging and cordial, and we hope it will continue for all the time to come.

We are very happy to inform you that, we have now developed **RUBBER DETACHABLE MEMBRANE CHAMBER PLATES**. The whole Rubber Membrane Technology is designed & developed by our own at our premises. We can proudly say that it is equivalent to the International German design & standard. It is available in all major Sizes like : 630 x 630, 800 x 800, 1200 x 1200, 1500 x 1500 ..

**Membrane Filter Press Plates have a chamber below the drainage surface that can be inflated. The common method used is water pressure, which is generated by pumping into the squeeze cavity to inflate the face of the plate against the filter cake. Membrane Plates are used to reduce the cake moisture content & shorten the filtration cycle time.**

**Mix Pack Membrane are the most common configuration (one recessed plate then one membrane plate alternate in the press plate pack). Membrane Plates usually operate at a feed pressure of up to 7 bar and squeeze pressure up to 15 bar. Special plates can be designed for higher feed & squeeze pressure.**

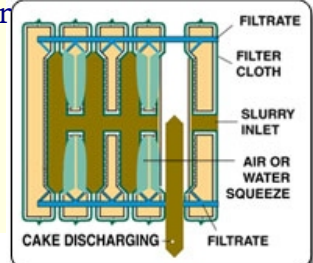


**Replaceable membranes can easily changeable. EPDM thermoplastic and other compounds are used for specific conditions. Plate filling problems are minimized and use of a rubber Membrane enables "empty-chamber" operation without damaging the plate, resulting a considerable reduction in incidents of plate failure. Even if the chamber is not completely filled, the filter cake is squeezed by the inflating filter lever and therefore perfectly dewatered.**

**During the initial phase of the filtration cycle, so-called "fill and filtration" the process is similar to the chamber Filter Press. After reaching a predefined pressure, usually around 3 - 7 bar, depending on the sludge characteristics, sludge feeding is stopped & the rubber membranes inflated, using either water or air as squeeze medium. The cake is hereby compressed and dewatered further. Then the squeeze medium is relieved & the cake discharged.**



We have also exported our maiden Rubber Membrane Plates to some areas & found excellent performance. Now you will have better option for the latest Membrane Squeezing Technology at Indian Price with a German Standard Quality.



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