

SLUDGE DEWATERING SYSTEMS / FILTER PRESSES



Manual Filter Press



Automatic Filter Press



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Filter press systems can be applied to all sludge dewatering problems generated by processes like wastewater treatment, drinking water treatment, raw material recuperation, etc..

Proton's filter presses include all the components necessary to allow the sludge to be dewatered in the most efficient way. First the raw sludge is pre-treated with post-flocculent polymers before entering the filter press. This gives the sludge the exact physical characteristics for proper dewatering during the filtration process, obtaining a very low humidity cake.

Our filter presses have a heavy duty skeleton construction, with filter plates manufactured in different materials such as polypropylene, cast iron, aluminum and stainless steel. We also offer different types of filter presses such as plate and frame filters, chamber plate filters and membrane plate filters.

Additionally in our filter presses we offer the skeleton with different options for the closing mechanism such as: manual screw operation system, manually closing but hydraulically adjusted systems and total hydraulic closing systems operated with a hydraulic - pneumatic device. Automatic cleaning systems are also available.

If your company has a sludge dewatering or filtration problem, please do not hesitate in contacting us, so that we can provide you with the right solution at the lowest cost.

