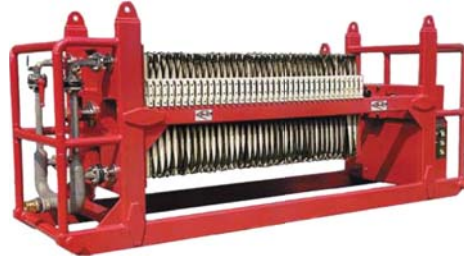




# Filter Press Designs



## *Construction:*

The FTS Power Pak™ Filter Presses are fabricated from the highest quality carbon steel. The entire frame is then sandblasted, primed, and coated with epoxy paint. Inlet and outlet manifolds are constructed in either stainless steel, or sch. 80 PVC.

## *Filter Cloth*

The FTS Power Pak™ Filter Press is complete with a set of carbon impregnated UV resistant polypropylene filter cloths. These cloths are attached to the filter membranes and are easy to remove and replace. The mono/multi filament heat set calendered filter cloths are designed to last for years.

## *Filter Plates*

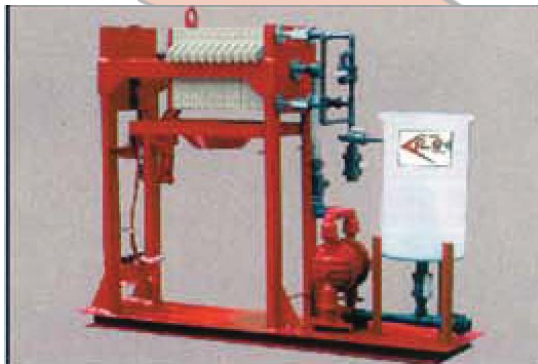
The filter plates are the primary functioning component of an FTS Power Pak™ Pressure Filter. The recessed filter plates are constructed of molded homogeneous polypropylene. The filter plates are chemical resistant and are engineered to produce maximum drainage for the liquid, allowing a minimum resistance to flow without blocking or distorting filter media.

## *Optional Automatic Plate Shifter*

An air operated semi-automatic plate shifting device moves the filter plates easily for cake discharge

## *Closure System*

The FTS Power Pak™ Filter Presses feature an automatic closure mechanism consisting of a double acting high pressure cylinder powered by an air operated hydraulic pump. The closing device functions to open and close the Filter Press and to maintain a sealing pressure while the press is in operation. An additional feature is an overriding manual pump in case of emergency use. All of these components are conveniently installed in a steel housing that has a locking, waterproof cabinet door. The hydraulic system is mounted on a panel that can be removed from the press and replaced immediately if needed.



# SYSTEMS, INC

Flo Trend Systems Tel - 713-699-0152  
707 Lehman St. 800-762-9893  
Houston, TX 77018 Fax - 713-699-8054  
sales@flotrend.com



# Custom & Accessories

## Custom Packages

Stackable Precoat/Body Feed Tank with FTS skid mounted Filter Press for applications where space is at a minimum. Proven exceptionally useful in oil field environments, package units are available in a variety of sizes and materials of construction.

FTS 600 ft<sup>2</sup> (30 ft<sup>3</sup>)  
Filter Press with  
Stacked Precoat  
and Body Feed Tanks



## Batch Treatment

Flo Trend provides batch tanks for sludge conditioning prior to filtration. Often, sludges need pH adjustment or polymer treatment to facilitate the filtration process.

150 BBL. Agitated Mix Tanks



## Polishing Filters

Cartridge filter vessels and bag filter vessels are manufactured to accept the variety of different types of cartridges and bags available on the market today. Units are fabricated from carbon steel or stainless steel.

Stainless Steel Duplex  
Cartridge Filter Vessel



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sales@fлотrend.com