



MAXXFIL FILTRATION



Finest Quality

Filter Press



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Manual and Automatic Filter press

MAXXFIL FILTER PRESS

MAXXFIL

MAXXFIL is specialized in equipment components and processing of chemicals, water and waste water-treatment, also in other industrial fields of liquid-solid-seperation.

MAXXFIL is the finest quality filter press manufacturing a wide range of applications. It is a very cost effective way of producing high solids filter cake, along with an extremely high degree of clarity in the liquid.

MAXXFIL, we determine the proper size and type of filter press, plate style, filter cloth, operating pressure, and process time. Even after installation, Maxxfil engineers continuing comprehensive preventative maintenance package to assure long-term, trouble-free operation.

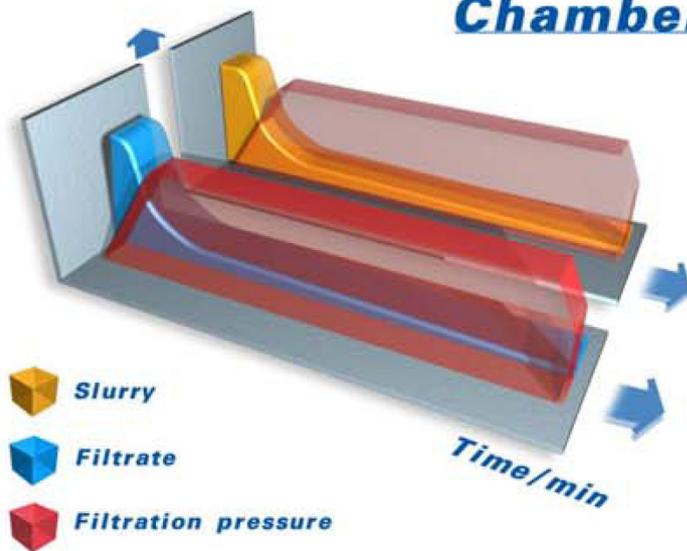


**Package
Dewatering System**

MAXXFIL

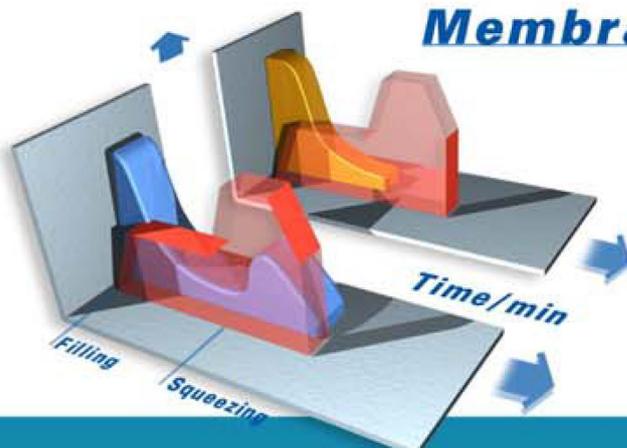
PERFORMANCE COMPARISON

Chamber Filter Press



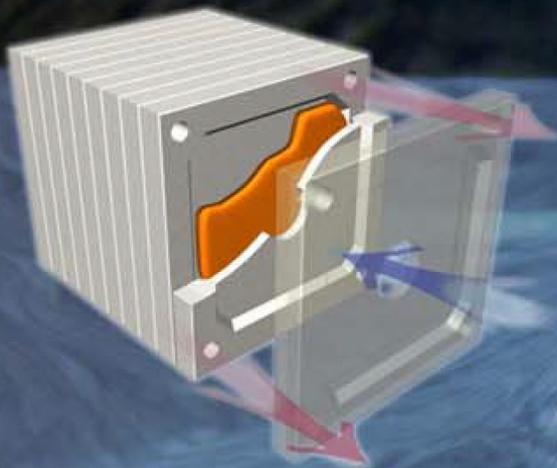
The chamber filtration process initiated from slurry being pumped at high flow rate into plate chamber through filter cloth. The dry solid start accumulation inside the chamber. The feeding pressure is drastically increasing in order to force the slurry through the filter cloth and maintain feeding pressure to achieve optimum dry filter cake.

Membrane Filter Press



Likewise the chamber filter press except the inflatable membrane plate which is able to reducing the cake volume during squeezing step in order to shorter cycle time as well as achieve the desired solid cake dryness.

MAXXFIL CHAMBER FILTER PRESS



The simplest equipment for solid-liquid separation. The solids are accumulated inside chamber filter press by feeding pump which is designed for maximum filtration efficiency and dryness of cake. The chamber depth, the filtration pressure and the filter cloth are designed according to the characteristics of slurry.

Applications Range

Sewage Treatment Plants:

Municipal and industrial sludges.

Water Treatment:

Alum and ferric sludges. Backwash water

Chemical Processing:

Dyes and pigments. Titanium dioxide solid-liquid separation in the chemical and pharmaceutical industry

Industrial:

Plating and metal finishing, tannery waste, textiles, paint etc.

Metals, Minerals:

Hydroxides, precious metal recovery, mining etc.

Ceramics:

Body preparation and glaze recovery

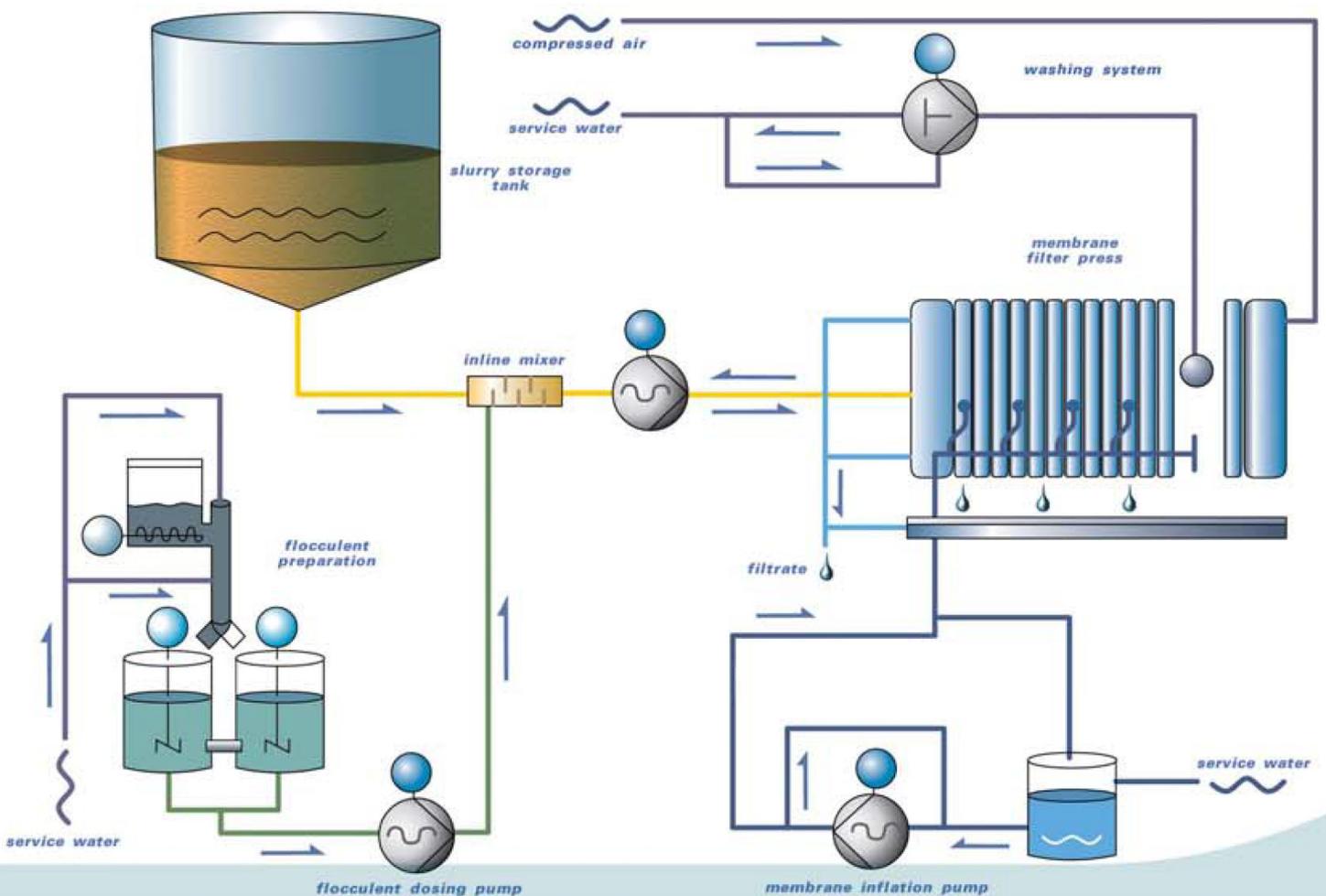
Food & Beverage:

Sugar beet & cane treatment, Brewery, edible oils, waxes and fats etc.



MAXXFIL

Installation Systems For Water And Sewage Treatment



TECHNICAL DATA

Automatic Shifting Device



SIZE OF PRESS		470 X 470			630 X 630			800 X 800			1000 X 1000		
CAKE OF THICKNESS	mm	25 30			25 32			25 32			25 32		
MAX. AMOUNT OF CHAMBER	No.	10 20 40	10 20 40	25 40 60	25 40 60	25 45 75	25 45 75	25 45 75	25 45 75	25 45 75	25 45 75		
FILTER AREA	m ²	3.6 7.2 14	3.8 7.6 15	16 26 39	17 27 41	27 48 80	28 50 84	43 77 129	44 80 133				
FILTER VOLUME	liter	42 84 168	50 100 200	195 312 468	250 400 600	332 599 998	425 765 1275	538 968 1613	688 1238 2063				
WEIGHT OF EMPTY PRESS	kg	850 1000 1200	875 1050 1250	1800 2100 2600	1850 2200 2750	4100 5000 5600	4200 5200 5700	8000 10300 13000	8050 10400 13150				
TOTAL LENGTH OF PRESS	mm	1700 2250 3300	1700 2250 3300	2800 3700 4800	2880 3750 4900	3770 4900 6577	4000 4900 7100	4000 5200 7000	4200 5500 7500				
WIDTH	mm	1000	1000	1200	1200	1500		2100	2100				
HEIGHT	mm	1200	1200	1300	1300	1400		2400	2400				

Technical Data Subject to Change



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