

CAPACITY LIST

Filter press Model	No. of plate (pcs.)	Filtration Area (M ²)	Cake Volume (Litres)		
			Cih 25 mm	Cih 32 mm	Cih 50 mm
P-470	5	1.3	14	19	21
L-470	10	2.9	32	42	48
M-470	15	4.5	50	66	74
	20	6.0	62	89	101
	25	7.6	86	113	128
P-630	10	5.3	63	81	105
L-630	20	12.3	133	171	221
M-630	30	18.8	203	261	338
	40	25.3	273	351	454
P-800	30	28.5	351	450	679
L-800	40	38.4	472	605	913
M-800	50	48.2	593	760	1,147
	60	58.1	714	915	1,381
	70	67.9	835	1,070	1,615
P-1000	40	64	800	1,022	1,463
L-1000	50	80	1,005	1,284	1,838
M-1000	60	97	1,210	1,546	2,213
	70	113	1,415	1,808	2,588
	80	129	1,620	2,070	2,963
P-1200	50	115	1,490	1,887	2,778
L-1200	60	139	1,794	2,272	3,345
M-1200	70	162	2,098	2,657	3,912
	80	186	2,402	3,042	4,479
	90	209	2,706	3,427	5,046
	100	233	3,010	3,812	5,813
P-1500	30	107	1,302	1,836	2,494
L-1500	40	143	1,751	2,469	3,354
M-1500	50	180	2,200	3,102	4,214
	60	217	2,649	3,753	5,074
	70	254	3,098	4,368	5,934
	80	291	3,547	5,001	6,794
	90	327	3,996	5,634	7,654
	100	364	4,445	6,267	8,514
P-2000	50	313	4,003	5,535	6,316
L-2000	60	377	4,820	6,664	7,605
M-2000	70	441	5,637	7,794	8,894
	80	504	6,454	8,923	10,183
	90	568	7,271	10,053	11,472
	100	632	8,088	11,182	12,761
	110	696	8,905	12,312	14,050

P : Chamber filter press open discharge filtrate
L : Chamber filter press close discharge filtrate
M : Mix-pack filter press close discharge filtrate

APPLICATION DATA QUESTIONNAIRE

To assist PREDA Filter Press, data as below will be complete necessary to design.

COMPANY NAME :

ADDRESS :

CITY :

CONTACT PERSON :

TEL NO : FAX NO :

MOBILE NO : e-mail :

1. Material to be filtered

1.1 Wastewater : Chemical Sludge Bio Sludge Other

1.2 Industry : Chemical Clay Mineral Metal refining

Palm oil Sugar Pharmaceutical Food and Beverage

Slurry name Cake name Filtrate name

pH Acid Alkaline

Concentration 1) %w/w 4) %w/w

2) %w/w 5) %w/w

3) %w/w 6) %w/w

1.3 Filtration Target :

Cake dryness %w/w M³ / Hr Hr/day Total day/week

Filtrate () M³ / Hr Hr/day Total day/week

1.4 Filter Press Requirement :

Chamber filter plate cake thickness

Mix-pack filter plate cake thickness

Standard welded-on Empty chamber welded-on

Empty chamber replaceable Empty chamber clip-on

Center feed Corner feed

Motor/Hand Hydraulic pump Double/Single Acting Cylinder

Manual/Automatic plate Shifter Fully Automatic

Include process control valve+PLC

2. Filtration Process Filtration bar Squeezing bar with

Core blow Cake blow Cake washing

Representative :

B-FP-10-01-01

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PREDA FILTER PRESS

เป็นผู้นำด้านการกรองโดยเครื่องกรองชนิดต่างๆ รวมถึงงานออกแบบ
สร้าง ติดตั้ง เติมนระบบ และบริการหลังการขายบนพื้นฐานของ
ประสบการณ์และเทคนิคของบริษัทฯ

PREDA FILTER PRESS

has been a professional filtration with
the totally integrated services include
Design, Construction, Equipments, Installation,
Operation and After Sale Service.
Based on the Company experience and Technical support.
By Platinum Chemical Engineering Co., Ltd.

Filter Press Technology



Advantages offered by the PREDA Filter Press Technology



Automatic single plate shifter control by PLC, hydraulic motor drive.



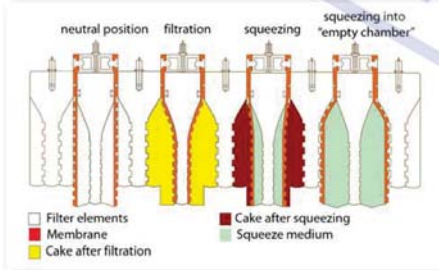
Automatic plate shifter control by PLC, hydraulic cylinder, pneumatic cylinder (Multi plate shifter)



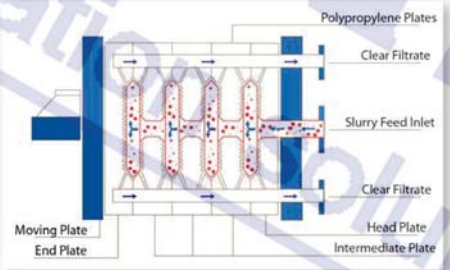
Fully automatic membrane filter press



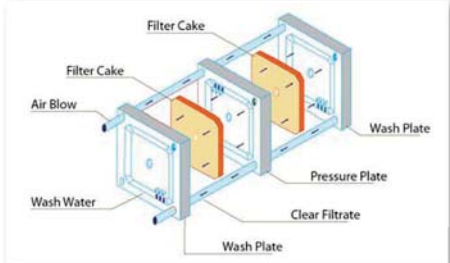
Clear as possible.



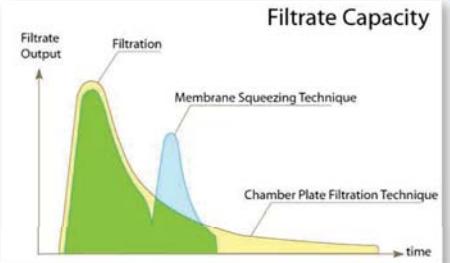
Replaceable overhanging membran filter plate. Empty chamber design. Prevents an overstretching damage to membrane.



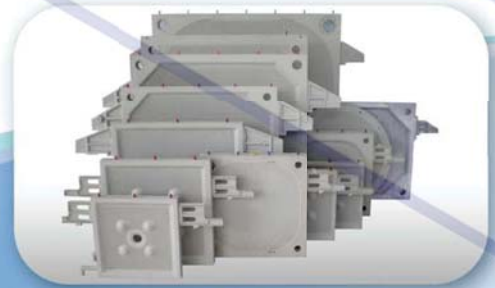
Filter press. filtration mechanism.



Cake washing and cake blow mechanism for washing residue and dry cake by air blow



Increase capacity 100% by membrane squeezing filter plate by reduce cycle time 50%



Fully range of filter plates. application



Dry as possible.