

PLUS FILTER PRESS



**INNOVATING SOLUTIONS
IN FILTRATION
TECHNOLOGIES**

**PROVEN AND TESTED
RELIABILITY IN VARIOUS
INDUSTRIES**



**YOUR EVER RELIABLE
PARTNER IN FILTER PRESS
TECHNOLOGY**



PLUS FILTER PRESS - Synonymous with its name, has established itself as a leading filter press manufacturer in Malaysia in various industries namely industrial waste water, clay, palm oil industry and many more. With the constant development in filtration technologies in the world, our team of dedicated engineers have constantly strived to improve on filtration process in different industries in order to provide customers with the most efficient, cost saving and reliable filter press system that optimizes output in terms of filtrate or filter cake which translates into more

FILTER PRESS TECHNICAL SPECIFICATIONS AND ACCESSORIES

Filter Press Description	Plate Sizes Available, in mm						
	250	500	630	800	1000	1200	1500
Types of Automation							
Types of Filter Press							
Filtration Pressure Up to 15 Bar	✓	✓	✓	✓	✓	✓	✓
Recessed Chamber	✓	✓	✓	✓	✓	✓	✓
Mixed Chamber & Membrane		470	✓	✓	✓	✓	✓
Plate & Frame	✓	✓	✓	✓	✓	✓	
Corked & Gasketed		470	✓	✓	✓		
Hydraulic Closing Device							
Manual Hand Pump	✓	✓	✓	✓			
Electro-Hydraulic Pump	✓	✓	✓	✓	✓	✓	✓
Pneumatic-Operated Hydraulic Pump	✓	✓	✓				
Drip Tray (In SUS 304)							
Manual Drip Tray	✓	✓	✓	✓			
Hydro-Mechanical Drip Tray			✓	✓	✓	✓	✓
Pneumatic-Operated Drip Tray		✓	✓	✓			
Cake Discharge System							
SUS 304 Cake Trolley	✓	✓	✓	✓			
Conveyor System			✓	✓	✓	✓	✓
For Fully Automatic Operation							
Control Panel with PLC Control			✓	✓	✓	✓	✓
Touch Screen Panel			✓	✓	✓	✓	✓
Plate Shifter							
Multi Plate Opening System (Snatch and Latch)			✓	✓	✓	✓	✓
Hydro-Mechanical Plate Shifter				✓	✓	✓	✓
Pneumatically-Operated Plate Shifter		✓	✓	✓	✓	✓	✓
Cake Vibrator System			✓	✓	✓	✓	✓
Automatic Feeding System	✓	✓	✓	✓	✓	✓	✓
SUS 304 Piping c/w Process Valves	✓	✓	✓	✓	✓	✓	✓
Safety Curtain				✓	✓	✓	✓
Automatic Cloth Washing Device			✓	✓	✓	✓	✓

PICTURES OF PLUS FILTER PRESSES

PLATE SHIFTERS, DRIP TRAY, PROCESS VALVES AND OTHER AUTOMATIONS



Snatch and Latch Plate Opening System Enables More Efficient Filter Plate Opening And Saves Time



Plate Shifter System for Fully Automatic Operation



Cost Saving Pneumatically Operated Plate Shifter System For Semi Automatic Operation



Filter Cake Vibrator Placed Below The Snatch And Latch Plate Shifter System For Dislodging Of Filter Cake



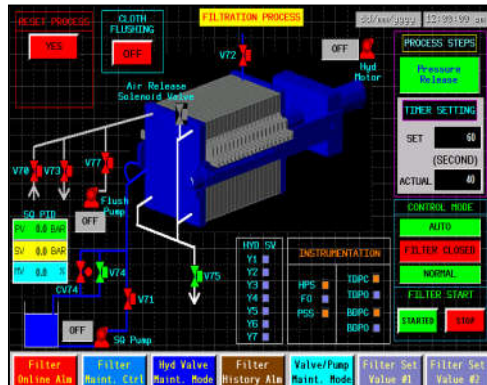
Fully Automatic Feeding and Squeezing System Complete with Process Valves



Fully Automatic Membrane Squeezing System Complete With Process Valves, Squeezing Pump, Squeezing Tank



Control Panel With Built IN Touch Screen For More Simple Filter Press Operation



The Filter Press Can Be Hooked Up With The Schneider Touch Screen System For Operating Or Monitoring Purpose



Customized Control Panel With Built In Programmable Logic Control, Frequency Inverter For Operation Of Filter Press



Customized Hydraulic Cylinder And Hydraulic Power Pack With Radial Piston Pump For Lower Closing Pressure And Reliable Operation



Control Panel With Built In Pneumatic Step Control System For Automatic Feeding By Air Operated Diaphragm Pump.



Pneumatically Operated Automatic Drip Tray For Collection Of Filtrate Dripping During Filtration.



PLUS Filter Press Is the Pioneer And Only Manufacturer In Malaysia Who Successfully Built The First Fully Automatic Mobile Filter Press.



Typical Filter Cake Formation After The Filtration Cycle Is Completed.



An Efficient Filter Press Will Produce Filter Cakes Which Are Dry And Easy To Handle.

SOME APPLICATIONS OF FILTER PRESS

The usage of filter press is very extensive in a wide range of industries, namely:

Process and Production

- Palm Oil Refinery
- Kaolin, Ceramic, China Clay, Granite
- Fatty Acid Production Plant
- Oleo-Chemical Plant for Nickel Catalyst Filtration
- Pigment and Dyestuffs
- Bleaching Earth Plant
- Pharmaceutical Plant
- Mineral Recovery Plant

Industrial Waste Water Treatment Plant

- Biological Waste
- Semi-Conductor Waste
- Heavy Metal Slurry
- Printing Waste
- Rubber Plant Waste
- Electro-Plating Waste
- Printing Waste
- Automotive Assembly Plant Waste

WE STRIVE TO SERVE YOU BETTER