



Filter Press

CUSTOMISABLE FILTER PRESS WITH INTEGRATED REJECT HANDLING

LiqTech Water filter press solutions produce high cake dryness with reduced processing times. The filter press dewateres sludge to a filter cake with up to 80% dry matter, depending on pressure and application.

The Liqtech filter press can be easily opened to remove filtered solids, and to service the filter cloth.

Based on more than 20+ years of experience in the filtration industry, we have designed a filter press to separate solids and liquids with outstanding performance to enhance production and efficiency.

Benefits:

- Optional built-in reject handling
- Customizable height capacity
- Can be integrated into PLC automated water treatment solutions
- Long lifetime and low maintenance
- High operating accessibility and safety

Main industries:

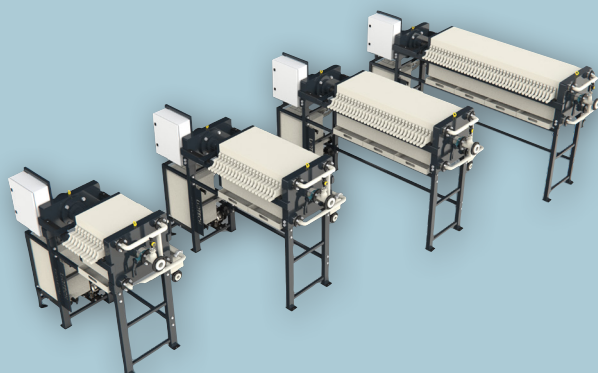
- Industrial wastewater
- Municipal wastewater
- Chemical industry
- Metallurgic industry
- Food-processing industry
- Pharmaceutical industry
- Many others

TECHNICAL DATA

Frame:	RAL7016 Anthracite grey	
Filter plates	630 x 630 mm / 25 x 25 inches	Filter surface: 0.56 m ² /6 ft ² per filter plate
Press volume	7 L / 1.85 gal per filter plate	
Filtration pressure:	Typically 10 bar/145 psi.	
Design pressure:	Up to 16 bar/232psi	
Electrical cabinets:	RAL7035 Light grey	
IP Rating	IP 44	
Corrosion class	C3 (EN ISO 12944-2)	
Required Power Supply:	16A - 50-60Hz 400-440V- 3 phase	
Power Consumption:	With reject module: 11A. Without reject module: 8A	
Ambient temperature during operation:	5°C - 45°C	
Media temperature:	5°C - 50°C	

INTERFACE CONNECTIONS:

Inlet:	DN65 PN16 Flange
Discharge:	DN40 PN16 Flange
Reject-(optional):	DN40 PN16 Flange



**Configurations available:
10 - 20 - 30 - 40 filter plates.**

CONFIGURATIONS

Number of plates	Dimensions (L x W x H)	Weight incl. reject tank	Weight excl. reject tank
10	2420 x 1130 x 2020 mm 95 x 44 x 68 inch	1240 kg 2730 lb	1150 kg 2530 lb
20	2970 x 1130 x 2020 mm 116 x 44 x 68 inch	1400 kg 3090 lb	1310 kg 2890 lb
30	3520 x 1130 x 2020 mm 138 x 44 x 68 inch	1570 kg 3450 lb	1480 kg 3260 lb
40	4070 x 1130 x 2020 mm 160 x 44 x 68 inch	1730 kg 3820 lb	1640 kg 3620 lb

During transportation and storage, the ambient temperatures must be above the freezing point.

The module is tested for tightness at the factory.

Some residual water may still be present in the module.

The module must be handled in such way that the piping, instrumentation etc. cannot be damaged.

**Contact your Liqtech consultant today
and let us help you with your filtration
and dewatering needs.**