

SOLID-LIQUID SEPARATION LINE UP

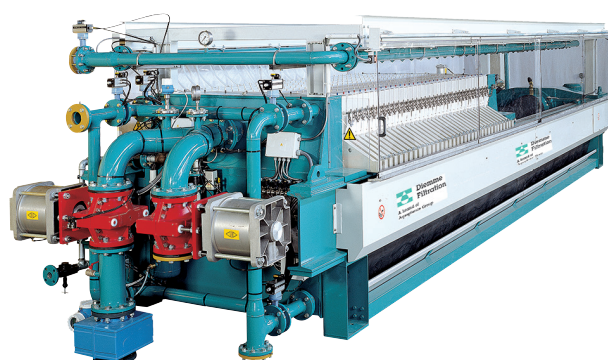
Side Beam Filter Presses

AUTOMAT



Thanks to its dewatering power and flexible operation, the Diemme® Filtration AUTOMAT filter press achieves the best filtration results in all applications and industries characterised by a limited number of daily filtration cycles, or for the filtration of slow filterability products.

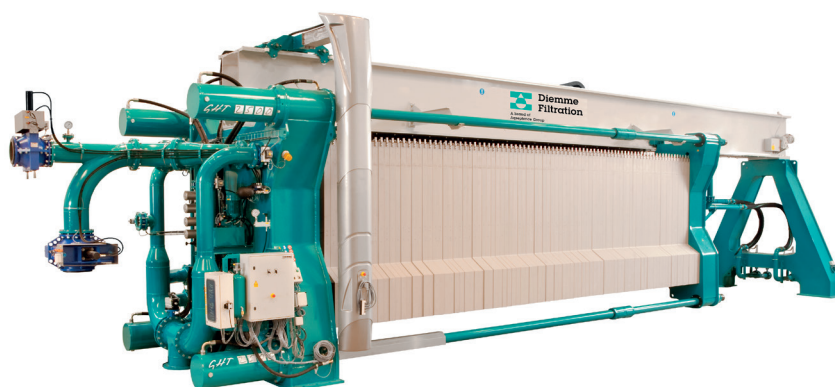
ME



The Diemme® Filtration ME Filter Press is a side beam press which is extremely versatile. Thanks to the simultaneous opening system of the plates pack, the cakes release is extremely quick. For this reason this machine is suitable for high filterability products with high filtration speed.

Over Head Beam Filter Press GHT

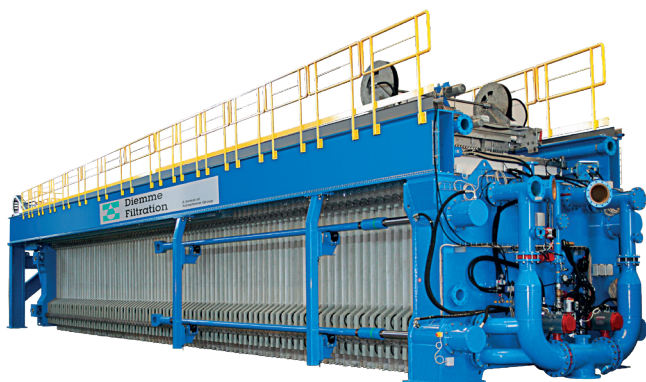
Diemme® Filtration GHT filter press is a high productivity press, it is able to dewater large volumes of slurry reaching very low values of residual moisture thanks to its exceptional chamber volume and filtration area.



Model	Working pressure (bar)		N. of installed plates		Cake volume (l)		Filtration area (m ²)		Length (mm)		Empty weight (kg)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1200	15 ÷ 30		38 ÷ 187		1251 ÷ 6500		100 ÷ 400		7000 ÷ 16000		15000 ÷ 30700	
1500	15 ÷ 30		81 ÷ 182		5000 ÷ 11000		300 ÷ 700		11500 ÷ 17500		31500 ÷ 46000	
2000	15 ÷ 30		80 ÷ 246		9000 ÷ 25000		600 ÷ 1650		11700 ÷ 24700		55000 ÷ 105000	
2500	15 ÷ 30		85 ÷ 231		10000 ÷ 43000		850 ÷ 2200		12000 ÷ 26000		79000 ÷ 200000	

Over Head Beam Filter Press GHT-F

The Diemme® Filtration GHT-F Filter Press has been developed specifically for high filterability products, especially for mining concentrates and tailings filtration applications.



Model	Working pressure (bar)		N. of installed plates		Cake volume (l)		Filtration area (m ²)		Length (mm)		Empty weight (kg)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1500	0	÷ 15	31	÷ 81	2000	÷ 7700	105	÷ 208	12250	÷ 22250	25000	÷ 40000
2500	0	÷ 15	31	÷ 141	5600	÷ 37550	285	÷ 1337	14000	÷ 36000	59000	÷ 154000
5000	0	÷ 15	51	÷ 141	25000	÷ 70000	1000	÷ 2828	19000	÷ 37000	200000	÷ 400000

High Rate Thickeners

Diemme® Filtration's High Rate thickeners cover a wide range of productivity and compliment the performance of Diemme®'s filter-presses, from our smallest to the largest unit.



We design and customise:

- Elevated bridge-supported thickeners: diameter up to 35 m (in bolted configuration up to 30 m);
- Elevated column-supported thickeners: diameter up to 60 m with a total weight up to 650 t, according to wind and seismic conditions of the site;
- Rake drives up to 2000 kNm.

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