



MAQUINARIA
DE CANTERAS
TRIMAN, S.A.U.

Triman
Filter
Press

FPT



FPT FILTER PRESS

In line with TRIMAN's environmental concern and ample experience in mining and quarry applications, a full range of FPT filter presses have been developed as complements to our DLT sludge removers and to eliminate the problem of wastewater and the controversial sludge settling reservoirs.

CONSTRUCTION:

Frame: Full steel construction, bolt-on assembly and level-anchoring mounts. The filtered water collectors are mounted on the lower part of the frame.

Plates: Grey high molecular weight polypropylene plates, 1300 x 1300 mm, 70 mm thick, rated to 12 a.t.m. pressure and tort thickness of 32 mm.

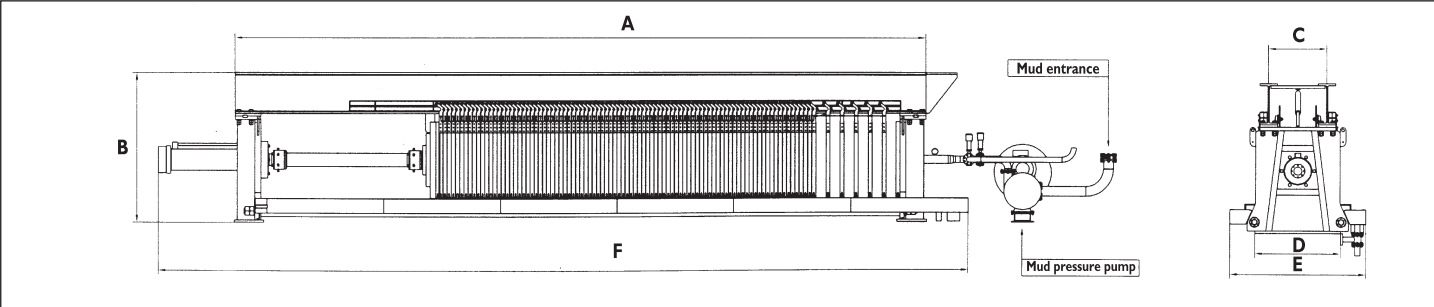
Plate opening mechanism: The plates are joined together in groups of 6 that are driven by pneumatic cylinders. This in-house TRIMAN design makes it possible to open each group, plate by plate, and prevents the possibility of opening the following group of plates until the previous group has fully opened.

Filtering cloth: Although different cloth is used for different applications, as a rule, we install multi-filament filtering cloths of polyamide 12, type CR-272; the support cloths are multi-filament polypropylene type MF-477.

Hydraulics: Central hydraulic unit run by a 5.5 kW electric motor that powers the cylinder that closes the filtering group. The unit is designed and rated for operating at 12 Bar.

Input pump: Fully housed in anti-abrasion rubber and driven by a 50 CV electric motor with electronic frequency inverter to assure the progressive filling of the torts and their subsequent drying.





MODEL	A	B	C	D	E	F
FPT-120	8.410	2.570	990	1.460	2.320	12.140
FPT-175	10.110	2.570	990	1.460	2.320	14.140
FPT-250	11.820	2.570	990	1.460	2.320	13.850
FPT-300	13.250	2.570	990	1.460	2.320	15.550

MODELO	TAMAÑO PLACAS mm	Nº DE TORTAS	ESPESOR TORTA mm	VOLUMEN TOTAL FILTROS m³	POTENCIA BOMBA Kw	CAPACIDAD m³ h
FPT-120	1300x1300x69	49	32	2,17	22 Kw	7,5 Kw
FPT-175	1300x1300x69	73	32	3,23	22 Kw	7,5 Kw
FPT-250	1300x1300x69	97	32	4,29	37 Kw	7,5 Kw
FPT-300	1300x1300x69	121	32	5,35	37 Kw	7,5 Kw





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