

FPTA 1300



Automatic Overhead Beam Filter Press with 4 Cylinders

Use

- The FPTA 1300 automatic filter press can be used in various sectors where dewatering of considerable flows of liquid sludge is required
- The FPTA 1300 filter press combines all the devices necessary for sufficient dewatering of sludge; guaranteeing high performance and a compact layout
- The filter carries out all its sequences in fully-automated mode and minimizes the intervention of the operator

Main Characteristics and Accessories

- Structure in Sa. 2.5 sand-blasted carbon steel, including hot pure zinc coating and epoxy painting
- Lower pan for collection of filtered water of stainless steel collection channel
- Patented multi-purpose trolley
- High efficiency washing system
- High thickness, top-quality polyethylene plates
- Technical filtering fabrics available in various materials with differing levels of permeability
- Electric switchboard compliant with the CEI EN 60439-1 EN standard, complete with PLC and graphic display
- Accident prevention systems and safety devices compliant to the machinery directive

Physical/Operating Characteristics

Dimension	Imperial	Metric
Operating length	33' 6" - 52' 4"	10.23 - 15.98 m
Operating width	6' 9"	2.1 m
Operating height	7' 8"	2.38 m
Empty weight	56,659 - 87,083 lb	25,700 - 39,500 kg
Operating weight	64,595 - 110,893 lb	29,300 - 503,300 kg
Operating pressure	145 - 232 psi	10 - 16 bar

Production Data

Dimension	Imperial	Metric
Filtering plate	4'3" x 4'3"	1.3 x 1.3m
Number of filtering plates	80 - 160	80 - 160
Std panel thickness	1" 1¾"	30 - 45mm
Pressed sludge production	951 - 2,351 gallon/cycle	3,600 - 8,900 liter/cycle
Filter plate surface area	29.4 - 30.6ft ²	273 - 284m ²
Filter chamber volume	12/18 gallon	45/67.5 liter

Power

Dimension	Voltage/Kilowatts
Standard power supply voltage	400 V
Standard power supply frequency	50 Hz
Minimum power requested at electrical switchboard	70 - 90 kW
Oil-pressure control unit motor	11 kW
Sludge pump	37 - 55 kW
Seal cooling pump	.25 kW
Class of motor protection	IP 55 kW

* Also available for non-standard voltages, frequencies and power ratings.