



ENVIRONMENTAL

A Division of Therma-Tron-X, Inc.

FILTER PRESSES



Taking the
Waste out of
Wastewater

General Specifications

- 1-10 Cubic Foot Sizes In Stock (Larger Sizes Available)
- Epoxy Coated Steel Construction
- Tough, non corrosive polypropylene plates
- Many Cloth Options Available
- Robust Design for Years of Operation
- No Electrical Connection Required

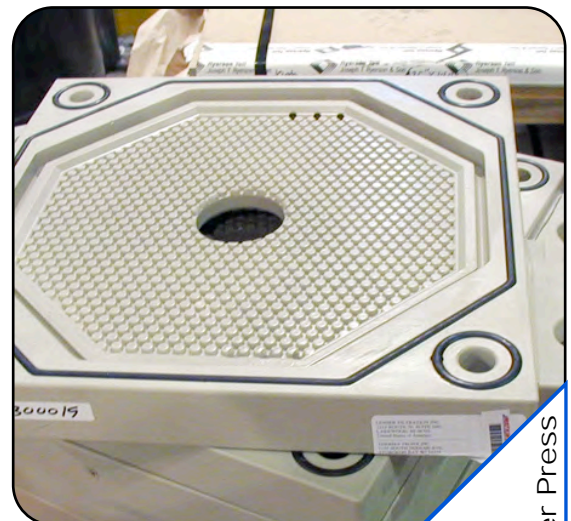
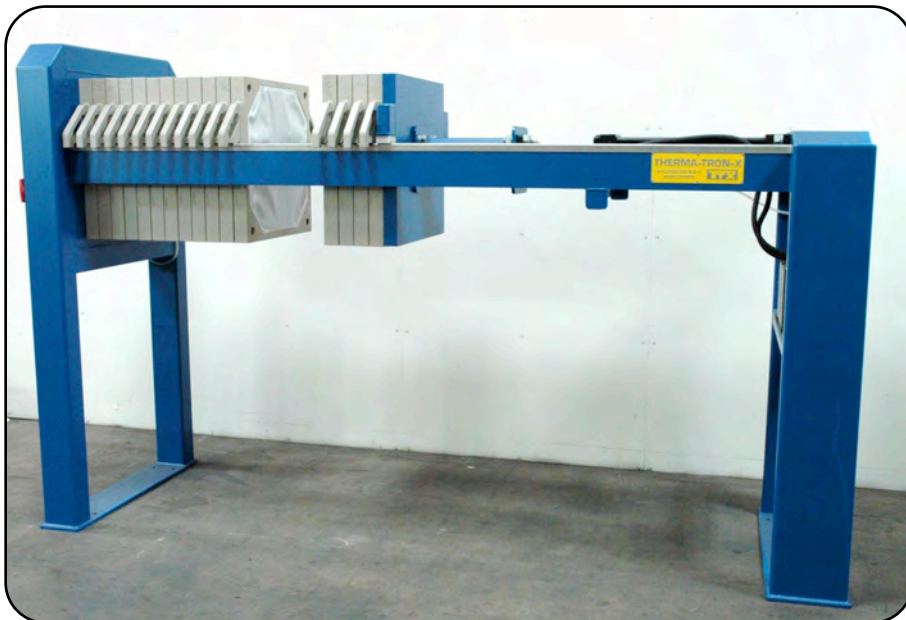
TTX Environmental filter presses are built to last and provide dependable service.

A corrosion resistant, robust design handles the toughest liquid/solid separation jobs under the most difficult conditions, requiring minimal operator oversight and maintenance.

The purpose of this filter press is to dewater sludge from the clarifier to minimize its volume (thereby reducing disposal cost) and, in some cases, reduce liquid content for acceptance at the disposal site.

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IN STOCK UNITS FOR IMMEDIATE DELIVERY



Filter Press

Depending on the water retention tendencies of the solids, concentration of the final filter cake may range from 20 percent to more than 40 percent solids.

To maximize solids content and aid cake removal, the air blowdown manifold purges chambers of excess filtrate and partially dries the cake.

Presses come equipped with manual or air-driven hydraulic closure mechanisms, and are available in both custom and engineered sizes.

Standard presses ranging from 1.0 to 20.0 cu. ft. sludge capacity are maintained in stock to minimize delivery times.

Plates are easy to maintain. A filter press from **TTX Environmental** will reliably separate and dewater waste sludge from your industrial processes.

Major Components

- **Frame** - Welded steel construction with removable side rails, fixed head leg end and tail leg end with integral control panel and hydraulic cabinet. Leg extensions for drum sludge removal.
- **Closure** - Hydraulic ram fixed at tail end and movable follower. Manual hand hydraulic pump with gauges and valves.
- **Plates** - 470 mm, 630mm, 800mm 1000mm
- **Filter Cloths** - Many options for different applications
- **Blowdown Manifold** - PVC, CPUC and SS pipe connections and valves with separate air regulator-mounted on filtrate discharge.

470 MM PRESS

1-2 Cu Ft.	6'-0" L x 3'-0" x 6'-0" H	500 lbs.
3-4 Cu. Ft.	8'-0" L x 3'-0" x 6'-0" H	700 lbs.

630 MM PRESS

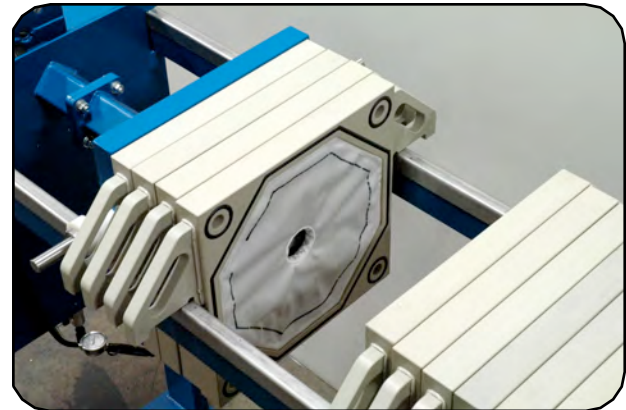
4-6 Cu Ft.	12'-0" L x 3'-6" x 7'-0" H	1400 lbs.
6-8 Cu. Ft.	13'-0" L x 3'-6" x 7'-0" H	1800 lbs.

800 MM PRESS

8-10 Cu Ft.	11'-6" L x 4'-0" x 7'-0" H	1400 lbs.
10-12 Cu. Ft.	12'-0" L x 3'-0" x 7'-0" H	1800 lbs.

1000 MM PRESS

20 Cu Ft.	14'-0" L x 5'-0" x 7'-0" H	2400 lbs.
35 Cu. Ft.	14'-0" L x 5'-0" x 7'-0" H	2400 lbs.
50 Cu. Ft.	14'-0" L x 5'-0" x 7'-0" H	2400 lbs.



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