

XPRESS BELT PRESS

XPRESS 1200, 1500, 1700 & 2200 SERIES

The Or-Tec Xpress Belt Press system is the perfect solution for sludge dewatering in small and medium size waste water treatment plants. It is an affordable system that is easy to install, operate, and maintain. The all stainless steel system can be provided as a stand alone unit, or as a complete turnkey system with all the required equipment mounted, piped, and wired on a stainless steel skid ready to go.

- Simple & Easy to Operate
- Stainless Steel Construction
- Exceptionally Dry Cake
- Easy to Maintain
- Auto Start-Up, Run, and Shutdown
- Automatic Belt Tracking
- Sludge Cake Monitoring System
- Two or Three Belt Configuration



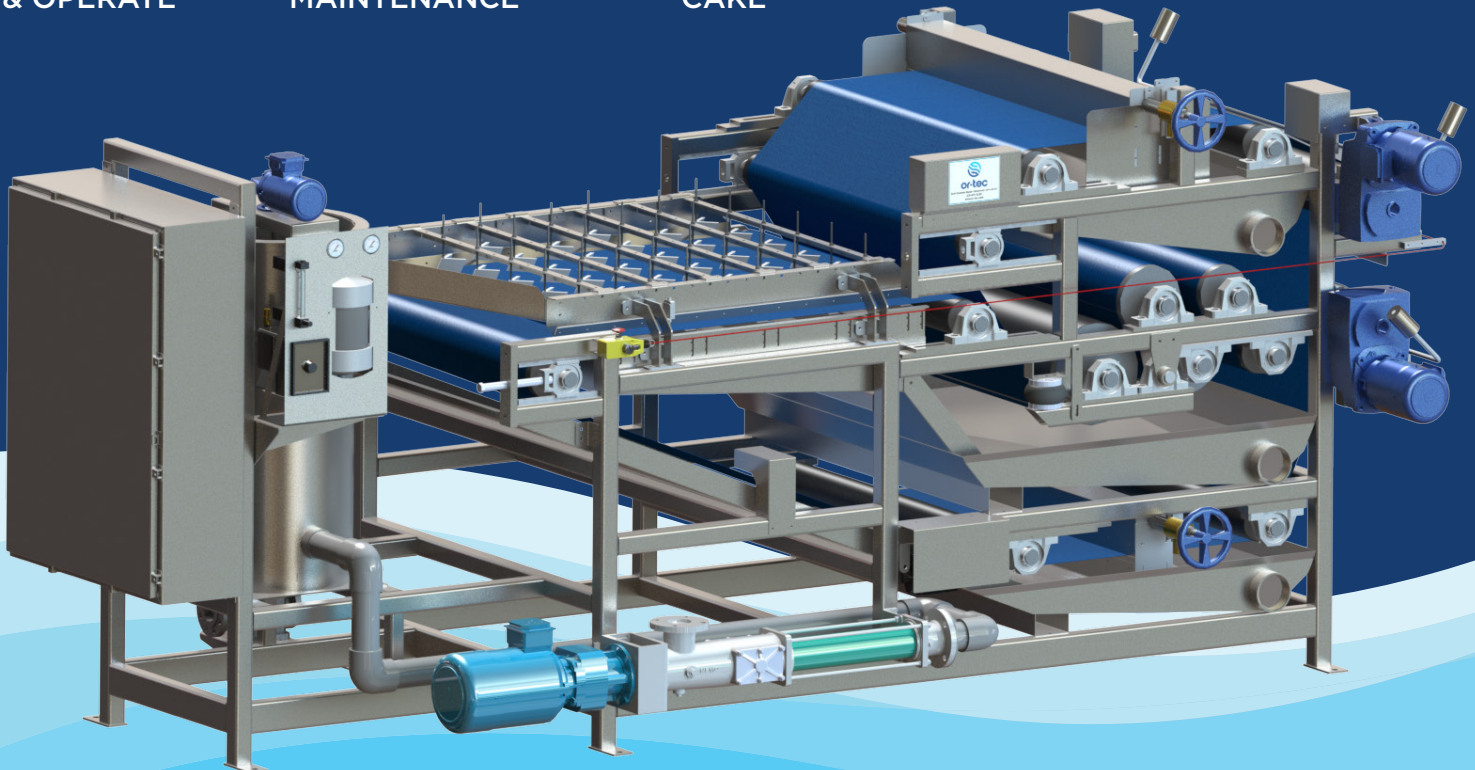
EASY TO INSTALL
& OPERATE



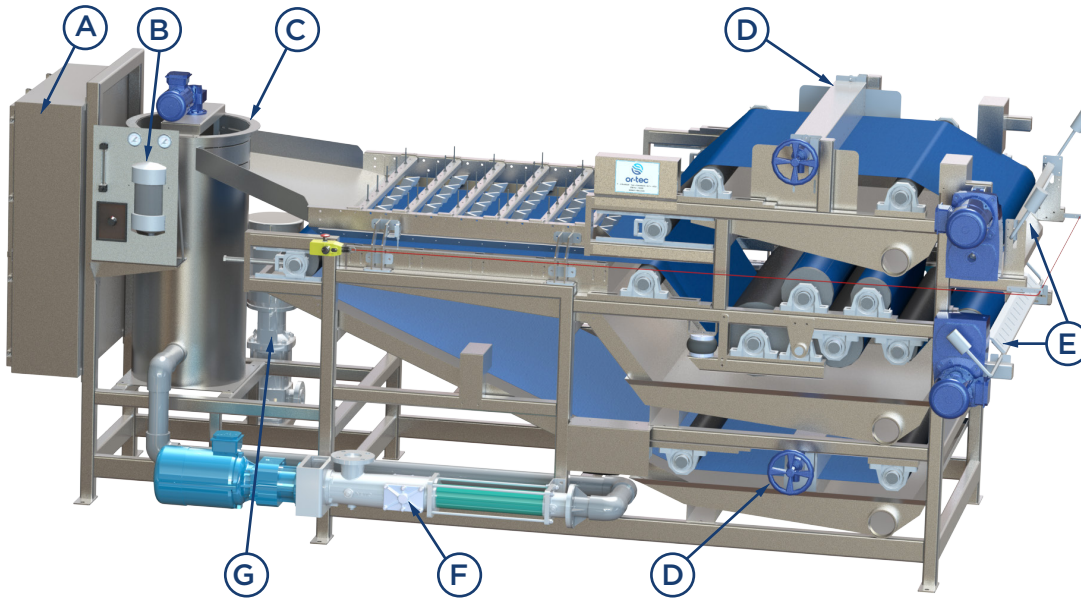
LOW
MAINTENANCE



DRY SLUDGE
CAKE



DON'T DEWATER IT, XPRESS IT



- A - Control Panel
- B - Polymer Dosing
- C - Flocculation Zone
- D - Belt Wash Station
- E - Sludge Cake Discharge
- F - Sludge Pump
- G - Washwater Pump

Type of Sludge	Feed Sludge Conc %	Dry Solids Feed Rate 1lb/HR	Sludge Feed Rate GPH	Poly Conc %	Poly Feed Rate lbs/Ton d.s.	Feed Sludge Conc %
Activated Sludge from Municipal WWTP	1.5	200 (0.7m)	1598 (0.7m)	0.25	8-10	18 Plus %
		400 (1.2m)	3197 (1.2m)			
		600 (1.7m)	4796 (1.7m)			
		800 (2.2m)	6394 (2.2m)			
Activated Sludge from Anarobic WWTP	3.6	260 (0.7m)	865 (0.7m)	0.25	8-12	12 Plus %
		525 (1.2m)	1748 (1.2m)			
		780 (1.7m)	2597 (1.7m)			
		1050 (2.2m)	3496 (2.2m)			
Primary and Secondary Activated Sludge from Municipal WWTP	3.25	300 (0.7m)	1106 (0.7m)	0.25	8-10	25%
		600 (1.2m)	2213 (1.2m)			
		910 (1.7m)	3357 (1.7m)			
		1200 (2.2m)	4426 (2.2m)			
Tannery Sludge	2.4	150 (0.7m)	749 (0.7m)	0.17	4-8	20%
		290 (1.2m)	1148 (1.2m)			
		440 (1.7m)	2198 (1.7m)			
		580 (2.2m)	2296 (2.2m)			
Flotation Skimmings	8.2	390 (0.7m)	570 (0.7m)	0.20	10-12	33%
		790 (1.2m)	1155 (1.2m)			
		1180 (1.7m)	1725 (1.7m)			
		1580 (2.2m)	2310 (2.2m)			
Oil and Grease Sludge	3	470 (0.7m)	1878 (0.7m)	0.20	8-10	37%
		940 (1.2m)	3756 (1.2m)			
		1410 (1.7m)	5635 (1.7m)			
		1880 (2.2m)	7512 (2.2m)			

Listed capacities are for reference only, contact Or-tec for specific application information.