

Flowing with Innovation.



OR-TEC
INCORPORATED

or-tec.com

Specializing in the design
and manufacture of municipal
and industrial wastewater
treatment equipment.

OR-TEC Mark II Belt Press

An economical dewatering solution for smaller municipalities and industries. The Mark II is the leading single belt press on the market today.

- 0.5 to 1.5 meters
- 90 - 340 lbs dry solids per hour
- Small footprint
- Easy to operate and maintain
- Belt thickener units available
- Enclosed units available



OR-TEC xpress Belt Press

The xpress is a compact double belt press that provides all the advantages of a larger press with the smaller footprint and affordability of a smaller system.

- 0.7 to 1.7 meters
- 200 - 600 lbs dry solids per hour
- Drier cake
- Skid mounted, turnkey as required
- Available with washwater re-cycling
- xpress3: Three belt system available

OR-TEC Gemini Belt Press

The Gemini is full size double belt press providing high throughput and dry solids for larger dewatering applications.

- 0.7 to 2.2 meters
- 500 - 2000 lbs dry solids per hour
- Rugged design
- Higher throughput and drier cake
- Electrical actuation - no hydraulics/pneumatics



OR-TEC Rocker® Screw Press

The Rocker® Screw Press is a fully enclosed sludge dewatering system. It produces a dry cake, operates trouble-free and requires very little operator attention.

- No contact (wear) between screw and disks
- Self cleaning, minimal washwater usage
- Affordable enclosed dewatering
- Unique pre-thickening flocculation tank
- Municipal or Industrial sludge



OR-TEC Screw Screens

Screens, compacts, washes and elevates screenings to a convenient height for disposal. Suitable for municipal and industrial waste

- In-Channel, In-Tank and Vertical models
- Up to 6.7 mgd (4,705 gpm)
- 2mm and larger perforation
- Screenings Volume Reduction 40-60%
- Screenings Solids Concentration 25-50%
- Stainless Steel construction
- Lo-Flo Screen option available
- Septage Receiving Stations available

OR-TEC Blue Whale Micro Bar Screens

With 1mm and up bar openings the patented stainless steel Micro Bar Screen is perfect for fine screening at the headworks of all WWTP's

- Over 1500 units installed in WWTP's
- Up to 63 mgd (43,750 gpm) per screen
- No wash water used
- Guaranteed not to blind
- Available for Vertical Installation
- Also available Constant Current Grit Station



OR-TEC Blue Whale Swing Arm Bar Screen

A powerful screen for wastewater treatment plants, lift stations and stormwater applications

- No underwater bushings or bearing
- Can easily lift and remove tires and large pieces of lumber from the wastestream
- Rake teeth completely penetrate the depth of the screen bars
- ISO 9001 and ISO 14001

OR-TEC Rotary Brush Screens

Specifically designed to remove hair and fibers and with its compact footprint the Rotary Brush Screen is perfectly suited for MBR applications as well as other fine screening jobs.

- 1mm, 2mm or larger perforation sizes available
- Stainless Steel construction
- Available with compactors
- Rotary Rake Screens with bar screens available
- Internally and Externally Feed Drum Screens also available



OR-TEC INCORPORATED



OR-TEC Screw Augers/Conveyors

Available as shaftless or shafted these screw augers are manufactured from stainless steel for long life. Suitable for municipal and industrial applications.

- Up to 1,545 cu/ft per hour
- Up to 130' in one section
- Up to 25" diameter
- Vertical, Inclined and Horizontal
- Multiple discharge points with electric, pneumatic or chain operated gate valves



OR-TEC DAF Flotation Systems

To remove solids, heavy oil and grease look no further than the OR-TEC Flotation System. Its unique design allows for efficient removal of waste from food processing, industrial and municipal wastewater.

- BOD removal 50-80%
- SS removal 50-80%
- O&G removal 80-90%
- Up to 600 gpm
- No air compressor or pressure vessels
- Stainless steel, carbon steel or polypropylene construction



OR-TEC Blend

The OR-TEC Blend Polymer Dosing Systems unique patented design utilizes hydraulic energy to fully activate and breakdown neat polymer without the use of mixers, paddles or motors reducing maintenance.

- Available for a large range of flow rates and waste types
- Secondary dilution systems available
- No wasted polymer in day tanks
- Cost effective
- Stainless Steel construction

OR-TEC Guarantees:

- * Support from design through installation and for the life of the equipment
- * Contact with key OR-TEC personnel for project duration
- * Five Star service, the highest quality equipment and the best pricing in the business
- * AutoCAD/Solidworks drawings, specifications, layouts and design assistance
- * Expert onsite training and ongoing support

Local Area Representative



14500 Industrial Ave South
Cleveland OH 44137
Phone: 216.475.5225
Fax: 216.475.5229
info@or-tec.com
or-tec.com

