

Screwpacker™ Transporter™ Transpactor™

Headworks® Conveying Systems

Headworks®

Screwpacktor™ Shafted Screw Compactor

The Meanest, Toughest Conveyor/Compactors in the World



- ▶ Shafted screenings compaction system
- ▶ Easily adaptable to your screening system
- ▶ Low profile and easily retrofitted
- ▶ Custom designed discharge tube
- ▶ Reliable low-maintenance performance
- ▶ Optional Grinder
- ▶ Bagging module available
- ▶ Optional TurboWash™ for superior screenings washing

PRODUCT HIGHLIGHTS

The Screwpacktor is a shafted spiral conveyor/compactor with optional washing and bagging modules. The stainless steel housing has several sections including the perforated drain trough, the transport/wash zone and the press zone. Solids are fed directly onto the shafted spiral. A brush is mounted on the flights of the spiral in the drainage section to keep the drain sieve clean. Solids are conveyed through the wash zone on the way to the press zone where they are dewatered and compacted.

The trumpet shaped discharge tube provides additional dewatering and directs solids to a dumpster. Below the drain section, a U-trough is mounted with quick release clamps to collect the presswater. The optional wash zone

is fitted with two spray nozzles that deliver a flow of water to wash organics from the screenings. Two rotary shaft seals keep the presswater inside and away from the greasable axial thrust bearing and drive. When an overload is detected the unit automatically shuts down and an alarm is sent.



Transporter™ and Transpactor™ Conveyors/Compactors



- ▶ Shaftless screenings conveying/compacting system
- ▶ Easily adaptable to your screening system
- ▶ Reliable low-maintenance performance
- ▶ Bagging module available
- ▶ Optional TurboWash™ for superior screenings washing

PRODUCT HIGHLIGHTS

The Transporter is a shaftless conveyer and the Transpactor is a shaftless conveyer/compactor with optional washing and bagging modules. A carbon steel shaftless spiral rests in a polyethylene lined stainless steel trough. Solids are fed directly onto the shaftless spiral upstream of the perforated drain section. The spiral pushes the screenings through the transport section and optional wash module where a flow of wash water removes organics.

The trough transitions into a perforated tube in the press zone to allow for dewatering. An orifice plate provides a restriction to solids discharge thereby increasing compaction. The unit can sit at inclines from 0-25 degrees. The transport section can be lengthened for multiple screen inputs. The Transpactor™ unit can be supplied in lengths up to 30'. When an overload is detected the unit automatically shuts down and an alarm is sent.

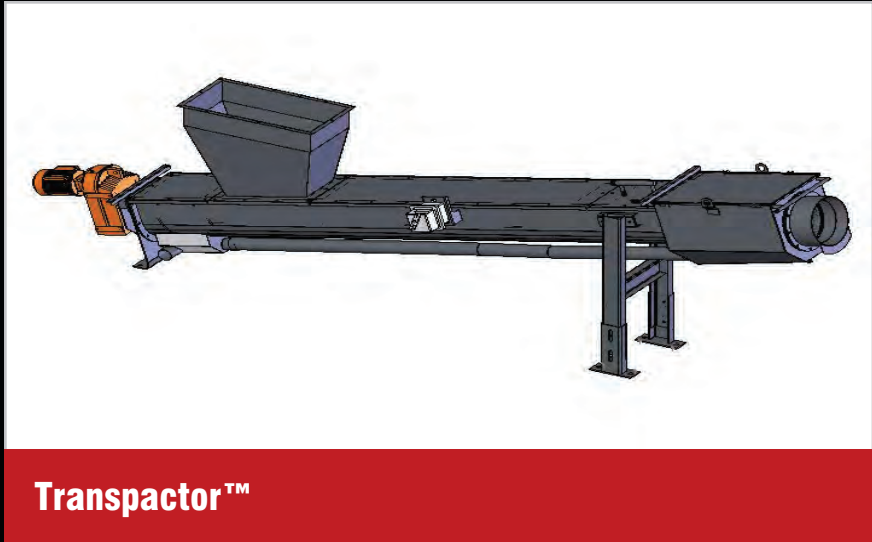
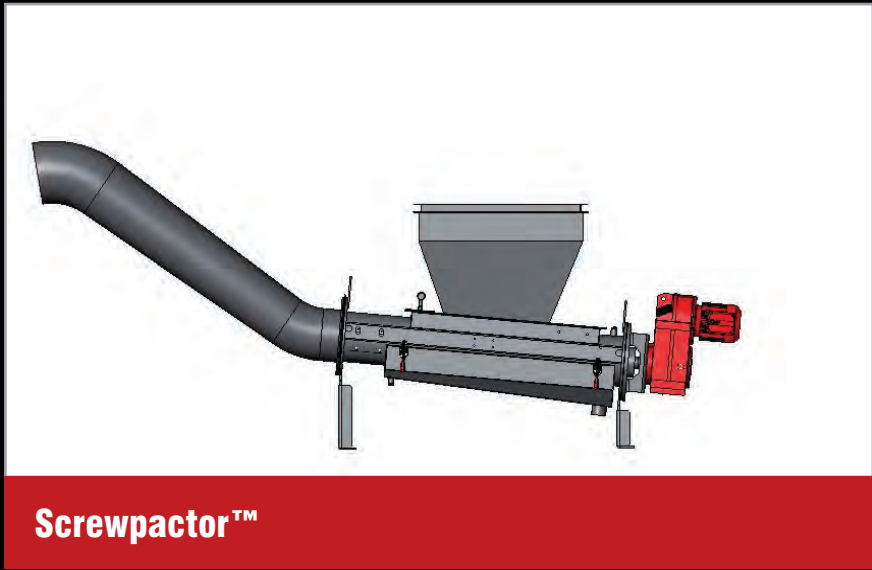


OPTIONAL EQUIPMENT

Headworks Bagging Module is a 260' long continuous bagging system which provides convenient collection of the screening material and prevents odors. This feature can be added to the Transpactor™ or Screwactor™ unit. (see photo above, right)



The turbulent zone of influence created by the optional patented **TurboWash™** agitator loosens and emulsifies the organic BOD material on screenings.



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