



## Belt Filter Press

Our belt filter press is three meters wide and can handle up to 25+ TPH of slurry. A typical application would be to 'press' excess water out of solids pumped from a clarifier thickener. The solids (usually -200 mesh) are settled in the clarifier with the use of polymers and then pumped to a belt filter press at a constant flow and density. After the solids are de-watered on the belt filter press a cake dryness of 55-65% can be expected, making the product conveyable, stackable, and truckable. Our belt press comes standard with pneumatic belt tensioning and tracking, a dual belt drive, and inclined gravity section for maximum de-watering.

### Benefits for you

- High solids capture rate
- Most energy efficient
- Chemical cost optimization
- Continuous operation
- Capital and operational cost savings
- Dry cake solids for disposal
- In-house manufacturing

**Process Engineers & Equipment Corporation** is a family-owned business with equipment installed in hundreds of plants in North America and abroad. We specialize in sand classification and dewatering, slurry transport, fine sand recovery, water clarification and sludge dewatering systems. These systems are designed to recover salable products while reducing operating costs by eliminating costly tailings ponds. We differentiate ourselves with unrivaled field installation and operation experience, accurate process flow diagrams and equipment sizing, and systems automation.

With manufacturing facilities in Washington, Texas, and Wisconsin, we differentiate ourselves from others by providing personal on-site service. We deliver Tier 1 quality equipment and engineered solutions in a timely manner. Please contact us anytime for your project and equipment needs.



**Leaders in Sand Processing  
and Water Clarification**

processengineers.com  
info@processengineers.com  
425.235.6740