



945 Short Street  
Eau Claire, WI 54701

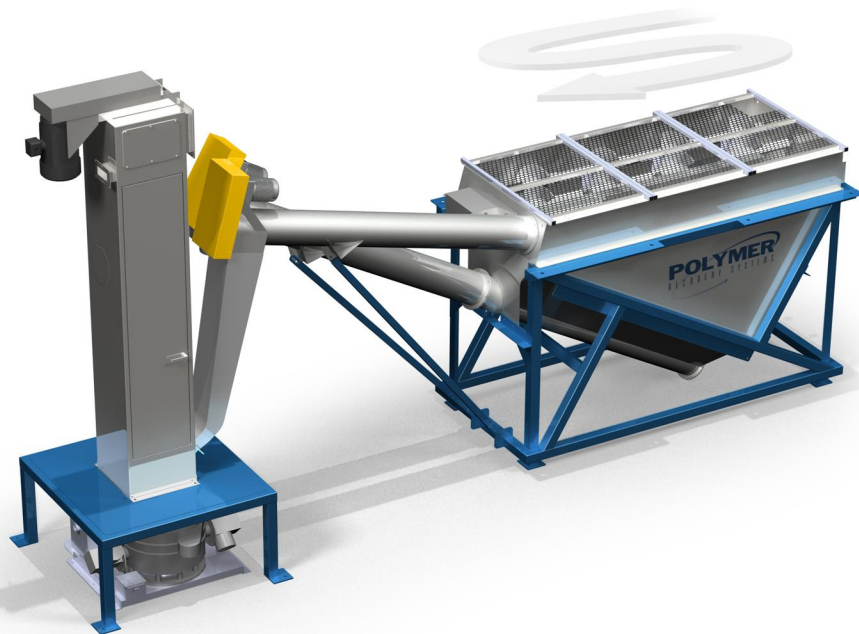
Tel. 715 835-3233  
Fax 715 833-2464

Web site: [www.prsi.com](http://www.prsi.com)

email: [info@prsi.com](mailto:info@prsi.com)

# FLOAT / SINK TANK

SHOWN WITH OPTIONAL EQUIPMENT



- Designed for separation of materials based on density characteristics
- Capacity of 2,000 lbs per hour
- Process description:
  - ◇ Feedstock is fed into the back corner of the tank
  - ◇ A submerging auger continuously submerges the material as it propels it toward the front of the tank.
  - ◇ At the front a second submerging auger then transfers the material to the back.
  - ◇ Sinking material is continuously discharged from tank via an inclined auger on the bottom
  - ◇ Buoyant material is transferred to a surface auger and discharged from the tank
- Stainless steel (type 304) tank supported by powder-coated carbon steel frame
- "S-Flow" pattern on the surface allows for efficient separation
- (2) 2-hp motors driving discharge augers, (2) 1-hp motors driving submerging augers
- Options available:
  - ◇ Water collection/recirculation tanks
  - ◇ Water screening/filtration systems (shown above)
  - ◇ Water spray bars for moderate cleaning ability
  - ◇ Multi-directional discharge spout
  - ◇ Post-separation dryers (shown above)
  - ◇ Pre-separation air classification
  - ◇ Tank insulation package