

# Compressor-Assisted Enviroprime® Trash (TSC)

Thompson Pump's TSC pumps are a multi purpose Enviroprime® automatic priming trash/sewage pump series that provide flows up to 2,600 GPM and heads up to 160 feet. The pumps handle solids up to 3.35 inches and the pump end is a self priming trash pump that is capable of re-priming should the add-on automatic priming system fail. The pump case has a large clean out that can be used to clean debris from the impeller or repair the wear items in the pump without having to disconnect the suction hose/pipe. These versatile units are ideal for sewer by-pass pumping applications, emergency flood response, general site dewatering and any other applications that require the transfer of liquids that contain solids.



## Applications

**Construction:** Dewatering excavations, canals and sumps, bypassing sewers and bodies of water; ground water dewatering; water supply from wells or canals; hosing down concrete casings; extended sumping; wellpoint dewatering

**Civil Engineering:** Sewage pumping; flood drainage; fire fighting; recovery of hazardous liquids

**Waste Treatment:** Sewer bypasses; mud or solids in suspension; dosing neutralizing liquids; pumping out settled sludge

**Mining:** Wash-down operations; tailings; high head/high volume applications

**Agricultural:** Surface irrigation; liquid manure oxygenation; transfer and spraying fertilizers or manure

**Industrial:** Transfer of clean or dirty liquids, mud or solids in suspension; low viscosity petroleum products

*Note: Alternate pump end materials available for corrosive liquids*

## Features

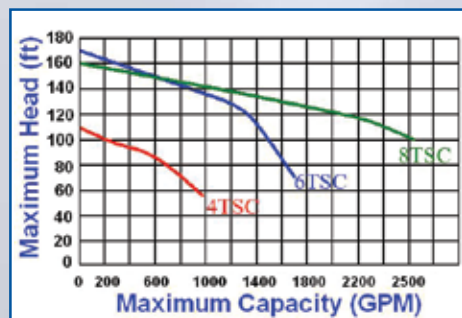
All the features of Thompson's TS Series Open Trash/Sewage Pumps and more...

- Automatic dry priming and re-priming to 28 feet
- Environmentally safe
- Able to operate during 'snore' conditions
- Positive suction head capability
- Heavy-duty cast iron construction for long life
- High flow and high head capabilities
- Large solids handling capacity
- 2 or 3-vane ductile iron impellers available
- Cast iron rubber-lined, abrasion-resistant wear plate
- Dry running abrasion-resistant tungsten carbide mechanical seal with Viton elastomers
- Safety shutdown control panel standard
- Various diesel engine options
- Simple low-cost maintenance

## Model Specifications

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	Maximum* Solids (In.)
4TSC	4	930	112	3.00
6TSC	6	1,700	155	3.00
8TSC	8	2,600	160	3.35

\* @ 2,200 RPM except 4TSC @ 2,000 RPM



Bypass System Accessories Available



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