

Vacuum-Assisted Open Trash / Sewage (TSV)

The automatic-priming TSV series is ideal for general site dewatering, sewer by-pass pumping applications, emergency flood response, and any other applications that require the transfer of liquids that contain solids. The low maintenance TSV series is able to run dry attended, operate in snore conditions, and is easy to operate. The high air-handling priming systems allows for quicker priming times so you can start pumping faster. Consult Thompson Pump for options, accessories, applications assistance and alternatives.



Applications

Construction: Dewatering excavations, canals and sumps; groundwater dewatering with wellpoint systems or sock underdrains; bypassing sewers and bodies of water; extended sumping; wellpoint dewatering; groundwater dewatering; water supply from wells or canals; hosing down concrete castings

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 sludge

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

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

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

Alternate pump end materials available for corrosive liquids

Features

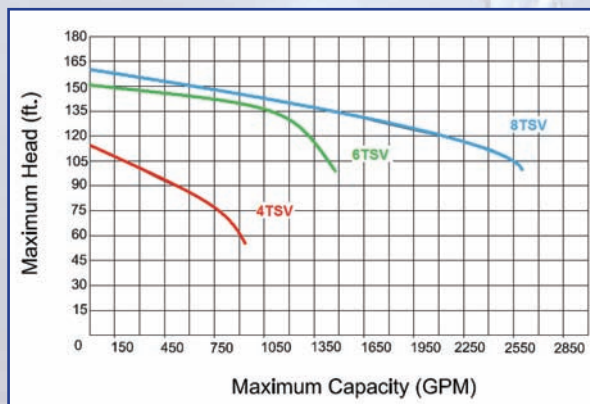
All the features of Thompson's TS Series Open Trash/Sewage Pumps and more...

- Automatic dry priming and re-priming to 30 feet
- Quick dry prime from 15 feet in 15 seconds
- Heavy-duty cast iron construction for long life
- Large solids handling capacity
- High flow and high head 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 or electric motor options
- Simple low-cost maintenance

Model Specifications

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	Maximum* Solids (In.)
4TSV	4	930	112	3.00
6TSV	6	1,460	150	3.00
8TSV	8	2,600	160	3.35

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



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