

8" HYDRAULIC SUBMERSIBLE VORTEX FLOW PUMP

MODEL S8T

8" (200 mm) Discharge

The S8T is a vortex flow pump designed to provide reliable high volume pumping on jobs ranging from wastewater to sewage to sludge and debris laden applications. Its ability to pass large semi-solids allows more shear sensitive materials to be pumped with less degradation.



FEATURES

- Recessed Vortex Impeller will Pass 7" (17cm) Semi-Solids
- Compact (Will Fit Through a 34" Opening)
- Oil Lubricated Seals (Can Run Dry)
- Variable Speed
- Wide Range of Performance
- Can Be Bolted Directly Into a Pipeline
- Safe Hydraulic Drive Can Be Used Where Electric Power is Hazardous or Impractical
- Balanced Vane Type Hydraulic Motor
- Operates With Our HT100 to HT150 Power Units or Other Hydraulic Power Sources with flows of 30-70 GPM

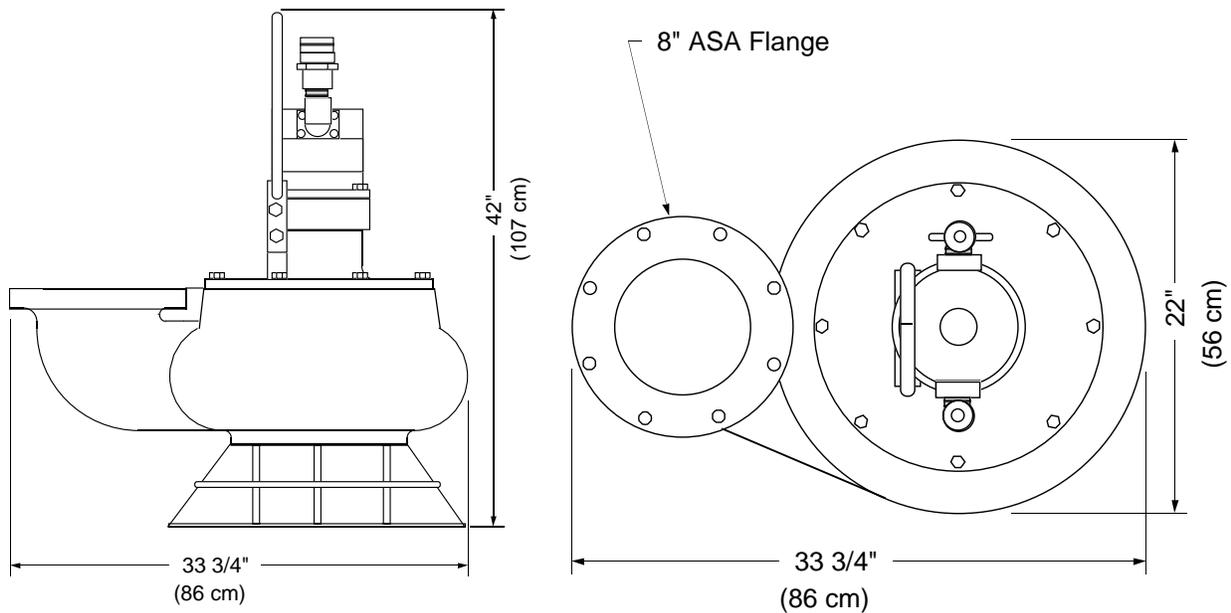
SPECIFICATIONS

WEIGHT:.....	580 lbs. (263 kg)
HEIGHT:.....	42" (107 cm)
DIAMETER (@ widest point):.....	33 3/4" (86 cm)
DISCHARGE:.....	8" 125# ASA Flange
INLET:.....	8" 125# ASA Flange
SOLIDS HANDLING:.....	7" (17 cm)
HOSE PORTS:.....	1 1/4" or 1 1/2" NPT(F)
PUMP BODY:.....	Ductile Iron
IMPELLER:.....	Ductile Iron
WEAR RING and WEAR PLATE:.....	ASTM A36 Steel
SHAFT:.....	17-4 PH Stainless Steel
SHAFT SEAL:.....	Carbon/Ceramic (Std), Silicon Carbide (Opt)
ELASTOMERS:.....	Buna N (Std)
HYDRAULIC OIL:.....	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....	Max 70 GPM (265 LPM)
OPERATING PRESSURE:.....	Max 2800 PSI (190 Bar)
POWER SOURCE:.....	Any Open Center Hydraulic System

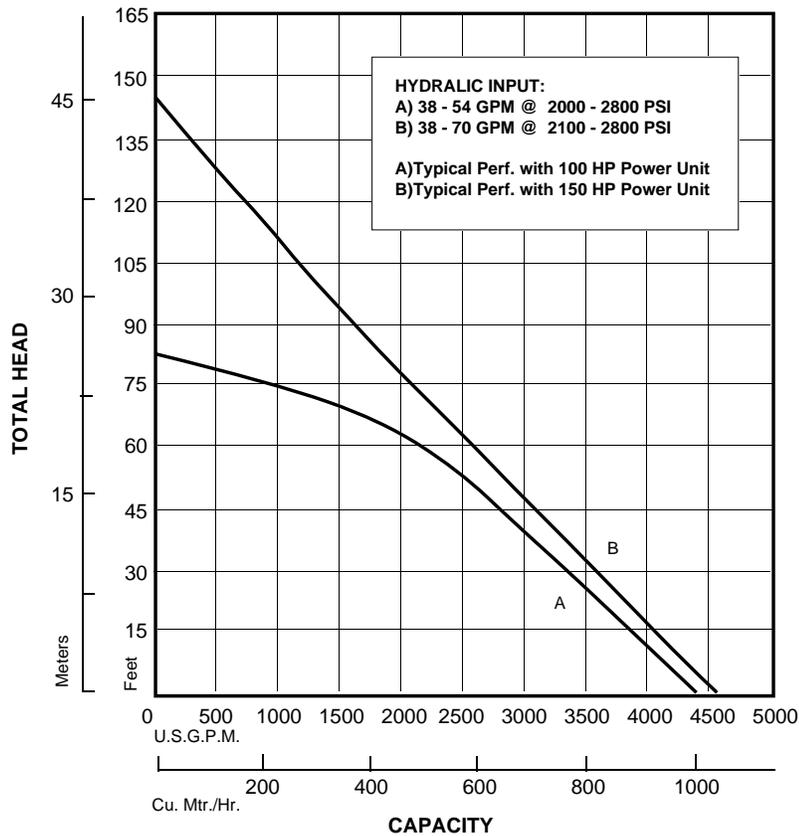
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Specifications subject to change without notice.

Model S8T Overall Dimensions



S8T Typical Performance



Curves are based on pumping water at 60° F. For Performance Curves other than shown above, Consult Factory.