HYDRA-TECH PUMPS

10” HYDRAULIC SUBMERSIBLE VORTEX FLOW TRASH PUMP

MODELS

S10T

10” (25 cm) Discharge

The S10T is designed to handle large solids and stringy material with its fully recessed Vortex impeller. Typical applications include sludge lagoons, sewage digester tanks and fish farms. Shut off heads to 100 feet with flows to 5,000 gpm.

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FEATURES

- Fully Recessed Vortex Impeller (will pass 8" semi-solids)
- Variable Speed hydraulic drive provides a wide range of performance
- Oil Lubricated Seals (can run dry)
- High Efficiency Balanced Vane hydraulic motor
- Can be bolted directly into a pipeline or used as a booster pump
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Operates with our HT100 to HT150 power units or other hydraulic power sources capable of flows of 50 - 70 GPM

SPECIFICATIONS

WEIGHT:	745 lbs. (346 kg)
HEIGHT:	45" (114 cm)
WIDTH (@ widest point):	42 1/2" (108 cm)
DISCHARGE:	10" 125# ASA Flange
INLET:	10" 125# ASA Flange
SOLIDS HANDLING: (spherical semi-solids)	8" (20 cm)
HOSE PORTS:	1 1/4" or 1 1/2" NPT(F) or SAE
PUMP BODY:	Ductile Iron
IMPELLER:	Ductile Iron
WEAR RING and PLATE:	ASTM A36 Steel
SHAFT:	17-4 PH Stainless Steel
SHAFT SEAL:	Silicon Carbide
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 3000 PSI (204 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

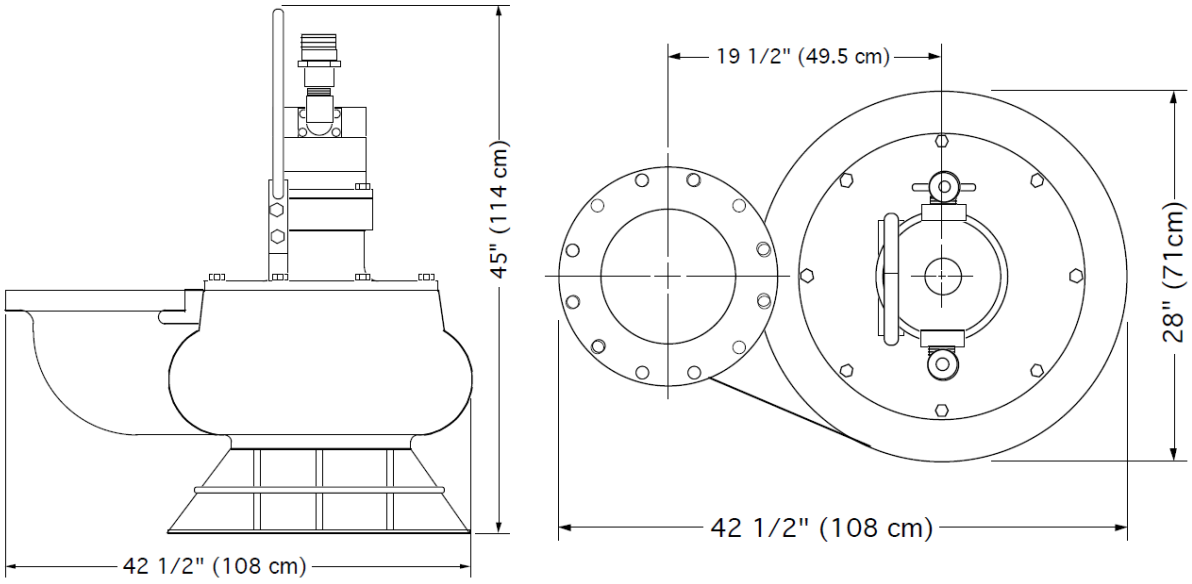
D0516

Specifications are subject to change without notice

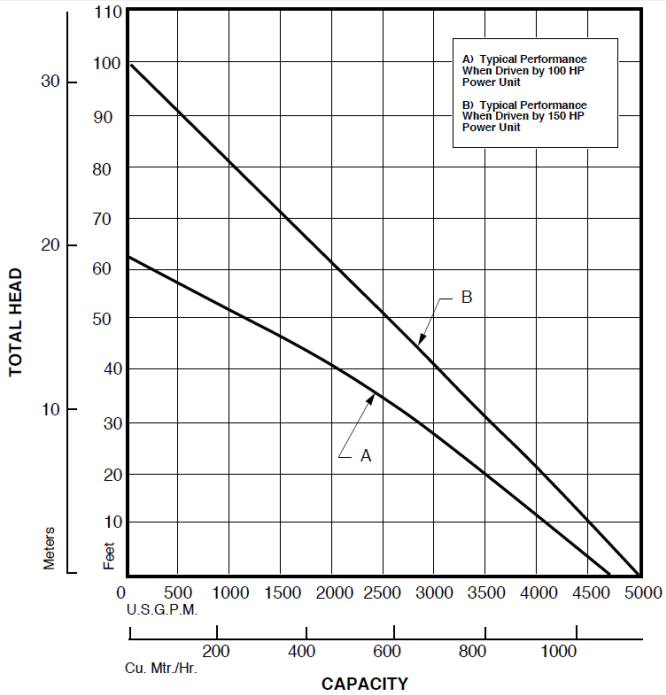
HYDRA-TECH PUMPS

167 Stock Street, Nesquehoning, PA 18240 **Phone:** 570-645-3779 **Fax:** 570-645-4061
Website: www.hydra-tech.com **E-Mail:** htpump@hydra-tech.com

Model S10T Overall Dimensions



S10T Typical Performance



Curves are based on pumping water at 60°F. For performance curves other than shown above, consult factory.

HYDRA-TECH PUMPS Since 1977

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