

# 4" HYDRAULIC SUBMERSIBLE SHREDDER PUMP

## MODEL S4SHR

4" (10 cm) Discharge

The S4SHR is designed to continuously rip and shear solids with a 360° shredding action. Great for municipal, industrial, agricultural and institutional waste applications. A guide rail assembly is available for stationary applications.



## FEATURES

- Open-Vane Shredder Impeller with Tungsten Carbide Cutting Tip
- Hardened Macerator Suction Plate
- Oil Lubricated Seals (can run dry)
- Variable Speed hydraulic drive to 2000 rpm
- Versions for Portable or Fixed Installations
- Safe Hydraulic Drive can be used where electric power is hazardous or impractical
- Dependable gear type hydraulic motor
- Operates with our HT16 to HT25 power units or other hydraulic power sources capable of flows of 10 - 15 GPM

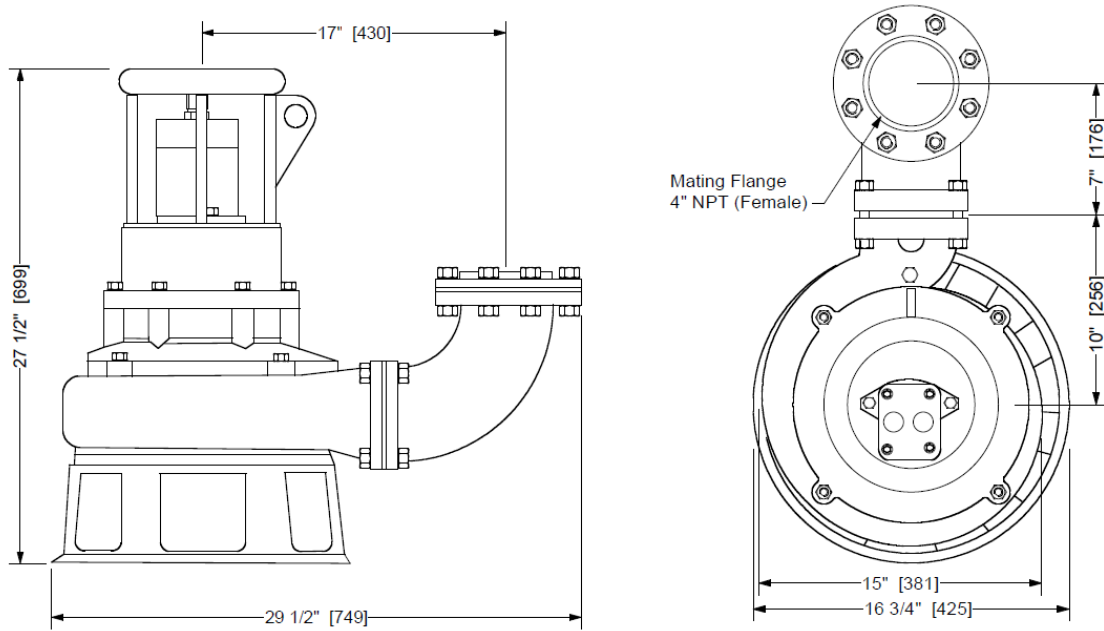
## SPECIFICATIONS

WEIGHT:.....	254 lbs. (115 kg)
HEIGHT:.....	28" (71 cm)
WIDTH (w/Discharge elbow):.....	29 1/2" (75 cm)
(Across Volute).....	16 3/4" (43 cm)
DISCHARGE:.....	4" ANSI Flange or 4" NPT(F)
SOLIDS HANDLING:.....	3 1/2" (9 cm)
HOSE PORTS:.....	3/4" (-12) SAE(F)
PUMP BODY:.....	Ductile Iron
IMPELLER:.....	Ductile Iron
SHREDDER BLADE:.....	Tungsten Carbide
SHAFT:.....	Stainless Steel
SHAFT SEAL:.....	(Upper) Carbon/Ceramic (Lower) Silicon Carbide
ELASTOMERS:.....	Buna N
HYDRAULIC OIL:.....	214-320 s.s.u. @ 100°F (64°C)
INPUT FLOW:.....	Max. 15 GPM (57 LPM)
OPERATING PRESSURE:.....	Max. 3000 PSI (204 Bar)
POWER SOURCE:.....	Any Open Center Hydraulic System

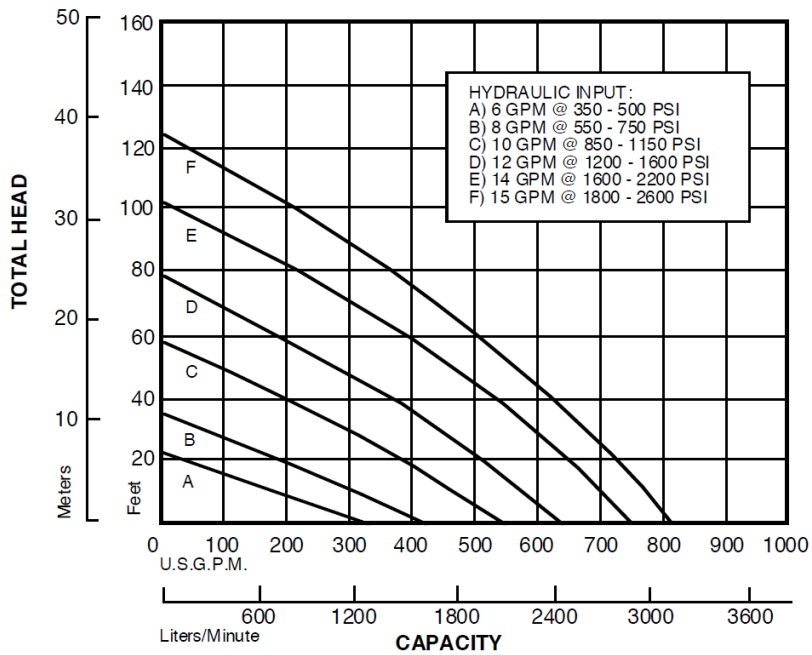
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Specifications are subject to change without notice

## Model S4SHR Overall Dimensions



## S4SHR Typical Performance



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



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