

# HOLLAND P U M P

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Section: 40-35

17 Mar 06

Super Silent Vacuum Assisted Suction Pump  
PT6TMS/SS - I4JG1  
Size: 6" Super Silent Suction Pump

Holland® Pump Company  
Corporate Office: 2610 Sidney Lanier Drive  
Brunswick, Georgia 31525  
Phone 912-466-0304  
1-888-997-PUMP  
www.hollandpump.com

## PUMP SPECIFICATIONS

**Type/Model:** Super Silent Suction Pump / Selwood S150

**Sound Attenuation:** Skid mounted canopy with full maintenance, lubrication, and coolant drainage access

**Noise Level:** 62 db (average recorded sound level)

**Environmental Status:** Friendly

**Dry Running:** Indefinite

**Air Pump:** Water tolerant and lubrication free positive displacement with Selprime Vacuum pump

**Maximum Delivery Head:** 70 feet

**Maximum Suction Lift:** 30 feet

**Maximum Solides Size:** 4" Spherical

**Normal Speed:** 1600 RPM

**Running Time:** 48 Hours at full load capacity

**Air Handling Flow:** 50 CFM

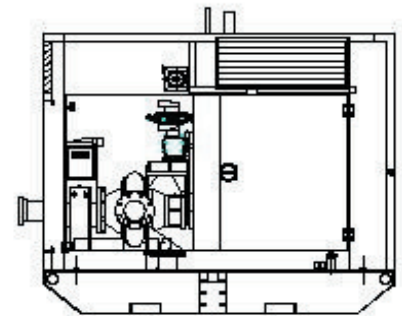
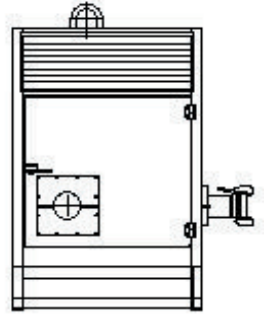
**Volute:** Heavy duty grade 14 iron, 6" suction, 6" discharge

**Impeller:** Vortex, torque flow 6 vane, handles 4" compressible spherical solids

**Priming System:** Priming is achieved with the unique "Selprime" water tolerant, lubricant free, and environmentally friendly 100 cfm positive displacement diaphragm air vacuum pump. There is no possibility of contaminating the environment from the vacuum pump during operation due to the absence of oil lubrication. The vacuum pump is con-rod driven directly from the pump input shaft, removing the need for belt drives

**Bearings & Seals:** The vortex flow impeller is keyed to a robustly designed steel shaft carried in oil bath lubricated ball and roller type bearings located in a rigid cast bearing housing

**Performance:** Primes to depths of 30 feet below the center line of the pump



**Standard Features:** Electric start panel, temperature and oil level shut down sensors, "floating" diesel fuel tank to prevent fuel spill, external bung drain points, flapper discharge and non-return valve with access panel and pressure drain valve, steel skid, lift frame, lockable doors, emergency shut down buttons located on canopy

## ENGINE SPECIFICATIONS

**Model:** Isuzu 4JG1 4 Cylinder

**Type:** 4 Cylinder, 4 Stroke, Liquid Cooled Diesel Engine

**Displacement:** 3.059 L

**Governor:** RSV Variable Speed Mechanical

**Lubrication System:** Full Forced Pressure Feed Type

**Air Cleaner:** Dry Type with Replaceable Element

**Lube Oil Capacity:** 9.6 L

**Coolant Capacity:** 4.5 L

**Fuel Tank:** 58 U.S. Gallon Capacity

**Full Load Operating Time:** 28 Hours

**Starter:** 12 Volts - 2.2 Kilowatts with Glow Plug

@ 1800 RPM	Capacity of Pump in U.S. Gallons per Minute (gpm) @ Continuous Performance
85' Head	250
70' Head	925
50' Head	1400

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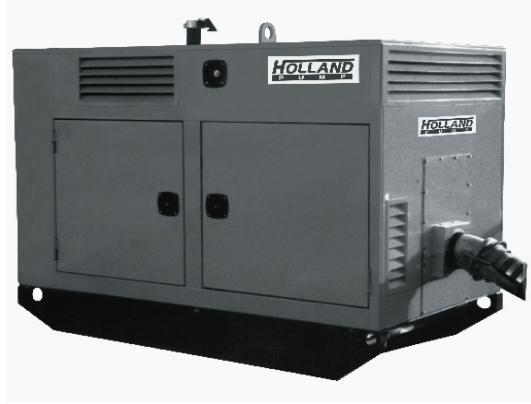
**APPROXIMATE DIMENSIONS**

**Length:** 91"

**Width:** 58"

**Height:** 68"

**Weight:** 4,136



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