

HOLLAND

P U M P

© Copyright by Holland Pump Company 2003

Section: 40-34

17 Mar 06

Super Silent Vacuum Assisted Suction Pump
PT4TMS/SS - I4LE1
Size: 4" 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 S100

Sound Attenuation: Skid mounted canopy with full maintenance, lubrication, and collant 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: 3" Spherical

Normal Speed: 1600 RPM

Running Time: 48 Hours at full load capacity

Air Handling Flow: 50 cfm. 100 cfm optional

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

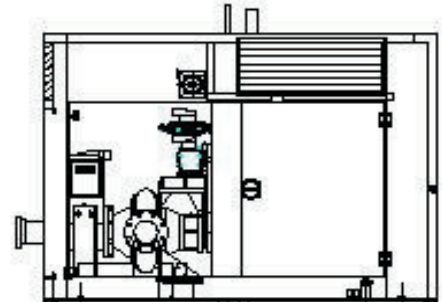
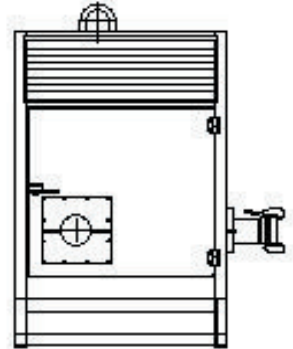
Impeller: Vortex, torque flow 4 Vane, handles 4" compressible spherical solids

Priming System: Priming is acheived with the unique "Selprime" water tolerant, lubricant free, and environmentally friendly 50 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. 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 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, and emergency shut down buttons located on canopy



ENGINE SPECIFICATIONS

Model: Isuzu 54 HP 4LE1 Industrial

Type: 4 Cylinder, 4 Cycle, Water Cooled, OHV, Verticle Inline, Indirect Injected, Diesel Engine

Piston Displacement: 133 Cubic Inches

Compression Ratio: 21.5 : 1

Engine Rotation Direction: Counterclockwise from Flywheel

Air Cleaner: Dry Type with Replaceable Element

Lube Oil Capacity: 8.6 Quarts

Coolant Capacity: 3 Quarts

Fuel Tank: 58 U.S. Gallon Capacity

Full Load Operating Time: 28 Hours

Starter: 12 Volts to 1.8 Kilowats

Special Features: Quiet Operation, Low Emissions, Indirectly injected, and QOS-III Glow Plug for Fast Start

PT4TMS/SS @ 1600 RPM	Capacity of Pump in U.S. Gallons per Minute (gpm) @ Continuous Performance
85' Head	Max Head
70' Head	460
60' Head	720

Section: 40-34
17 Mar 06



© Copyright by Holland Pump Company 2003

Super Silent Vacuum Assisted Suction Pump
PT4TMS/SS - I4LE1
Size: 4" 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

APPROXIMATE DIMENSIONS

Length: 91"

Width: 58"

Height: 68"

Weight: 3,784 lbs

Powered By: Isuzu 4LE1

Super Silent Vacuum Assisted Suction Pump
PT4TMS/SS - I4LE1
Size: 4" Super Silent Suction Pump

