

PRIME³ Vacuum Assisted Suction Pump
Model PT6TPA-H3H50TIC-SS (SS-Super Silent)
Size 6" (150mm) Trash Pump

Holland Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
USA
1-800-451-0769
www.hollandpump.com

PUMP SPECIFICATIONS

Type/Model: Solids handling/Cornell 4NNT Redi Prime
Volute: Fine gray cast iron
Flanges: 6" suction, 6" discharge
Impeller: Enclosed - 2 vane
Solids: Handles 3" diameter compressible, spherical solids
PRIME³ Priming System: Automatic dry priming and repriming system that features a 50 cfm water tolerant, diaphragm vacuum pump driven by the main drive shaft. Our major competitors use a 15 cfm compressor pump with a small compressor venturi that can easily clog. The air/water separator is a simple, reliable float that opens and closes a rubber plunger as water rises and falls. A non return valve isolates the pump during priming and protects against back flow
Wear Rings: Replaceable. (Double wear rings available)
Seal: Cornell's patented Cycloseal® design with Run-Dry oil lubrication system. John Crane T-2 single mechanical seal with Viton® elastomers, stainless steel hardware and tungsten- vs. silicon carbide seal faces for abrasion resistance
Discharge Valve: Val-matic or equal
Shaft Sleeve: Heat treated 416 stainless steel
Bearings: Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 hours bearing life

SOUND ENCLOSURE SPECIFICATIONS

Sound Level: Holland Pump Supersilent pump units are tested for Sound Level using the Contractors Pump Bureau Sound Level Measurement Standard for Pump Units using a calibrated Sound Level Meter. This procedure produces an average Sound Level based on eight measurements under strict conditions of pump placement. They are tested at full RPM pumping water. The sound Level result is 57 dBA or less @ 23 feet.
Enclosure: Steel construction, removable for ease of maintenance. Stainless steel accessories including bolt on, lift off hinges.
Base: Environmentally safe spill containment type base
Lifting Access: External lifting bail, integral forklift pockets

PT6TPA-H3H-50TIC-SS			Shutoff Head: 143 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
1355	1900	57.7	59	33.6	20.3
1129	1900	77	71	30.8	18.2
903	1900	90.8	76	27.4	22
834**	1900	94.7	76	26.2	21.9
677	1900	103	74	23.6	21.3
452	1900	114	68	19.2	20.6

*Max Suction Head is suction lift plus friction losses without risk of suction cavitation
 **Best Efficiency Point

ENGINE SPECIFICATIONS

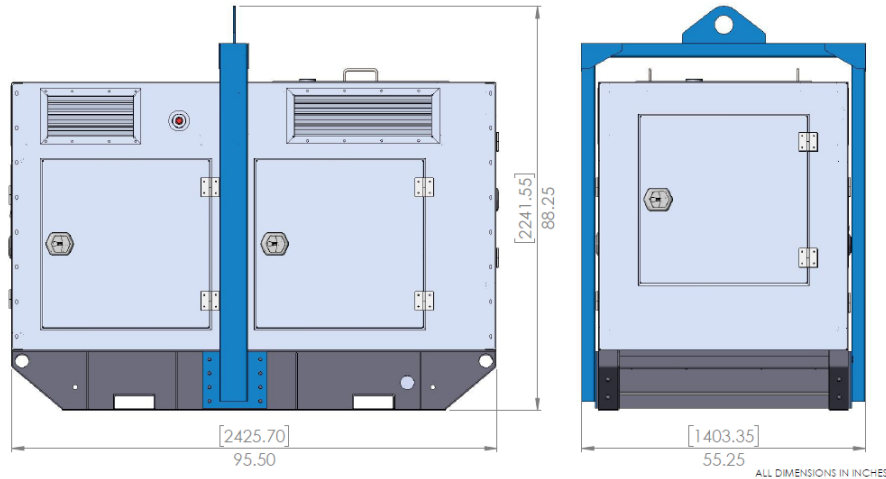
Model: Hatz 3H-50TIC, Tier 4 Final Or Approved Alternate
Type: 3 Cylinder, 4 Stroke, Turbo Charged, Liquid Cooled Diesel Engine
Displacement: 1.46 L (89 cu.in.)
Governor: Electronic
Lubrication: Forced Circulation
Air Cleaner: Dry Type with Replaceable Element
Lube Oil Capacity: 1.3 U.S. gal (5L)
Coolant Capacity: 3.5 U.S. gal (13.2L)
Fuel Tank: Integral 114 U.S. Gallon Capacity (#2 Diesel Fuel)
Full Load Operating Time: 60 Hours Minimum
Starter: 12 Volt
Standard Features: Skid, Standard Instrument Panel: Engine Temperature and Low Oil Pressure with optional Gauge, Key Start, and Hour Meter
Optional Features: Auto-Oiler with Engine Oil Shutdown, Site or DOT Highway Trailer, Auto-Start, HANS (Holland Automatic Notification System), Full Instrument Package
Coupling: Reich coupling
Hatz Published Performance: Power: 47.3 BHP (35kW) Continuous @ 1800 RPM

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Approximate Dimensions
Powered by Hatz 3H50TIC Diesel Engine

Approx. Net Weight (lbs)
Approx. Net Weight (kg)

Skid Base
4500
2041



Performance Curve Model: PT6TPA-3H50TIC-SS
Size: 6" (155mm) Trash Pump

