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PRIME³ Vacuum Assisted Suction Pump
Model PA3TPA - Y3TNV72
Size 3" Trash 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: Solids and slurry handling, lower head pump/All Prime Model S-3
Volute: Fine gray cast iron
Flanges: 3" suction, 3" discharge
Impeller: 8-3/4" Vane enclosed impeller, fine gray iron
Solids: Handles 2.5" compressible, spherical solids
Discharge Valve: not included
Seal: Single mechanical seal
Shaft Sleeve: Stainless steel
Bearings: Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 hours bearing life

| PA3TPA - Y3TNV72 | Shutoff Head: 88 feet | |
|---|-----------------------|------|
| Suction Head (ft) | 15' | 15' |
| Max. Dist. to Water Level from Pump Suction Centerline (ft) | 19' | 19' |
| FLOW (GPM) | 275 | 400 |
| Total Dynamic Head (ft) | 60 | 50 |
| Fuel Consumption (U.S. Gal/Hr) | 1.3 | 1.3 |
| Speed (RPM) | 1800 | 1800 |
| Impeller Diameter (in) | 8.75 | 8.75 |
| Engine Cont. HP @ 1800 RPM | 12.7 | 12.7 |
| Pump Power at Duty Point (HP) | 8.8 | 9.8 |

ENGINE SPECIFICATIONS

Model: Yanmar 3TNV72
Type: 3 Cylinder, 4 Stroke, Naturally Aspirated, Liquid Cooled Diesel Engine
Displacement: 0.9 L (55 cu. in.)
Governor: Mechanical
Lubrication: Forced Circulation
Air Cleaner: Dry Type with Replaceable Element
Lube Oil Capacity: 2 U.S. gal (7.6 L)
Coolant Capacity: 2.5 U.S. gal (9.4 L)
Fuel Tank: Integral 114 U.S. Gallon Capacity (#2 Diesel Fuel)
Full Load Operating Time: 60 Hours Minimum
Starter: 12 Volt, 2 kW
Standard Features: Skid, SAE Flywheel Housing, SAE Flywheel, Murphy Safety Shutdown System Covering: Engine Oil Pressure, High Water Temperature
Optional Features: Auto-Oiler with Engine Oil Shutdown, Auto-Start, HANS (Holland Automatic Notification System), Site or DOT Highway Trailer, Full Instrument Package
Coupling: Stromag coupling

Yanmar Published Performance: Power: 24 BHP Continuous @ 3000 RPM



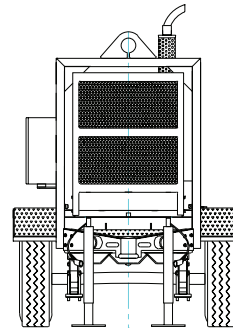
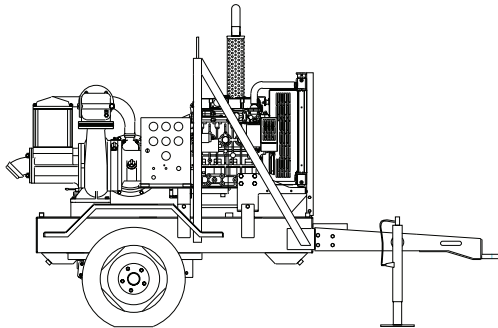
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Approximate Dimensions
Powered by Yanmor 3TNV72 Diesel Engine
Optional trailer shown

| | Skid Base | DOT Trailer |
|----------------------------|-----------|-------------|
| Net Weight (lbs) | 3110 | 3510 |
| Shipping Weight (lbs) | 3300 | N/A |
| Export Crate Size (cu. ft) | 130 | N/A |



Performance Curve Model: PA3TPA - Y3TNV72
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