

HOLLAND P U M P

© Copyright by Holland Pump Company 2003

Section: 40-10

25 Apr 06

PRIME³ 3" Vacuum Assisted Suction Pump
Model PT3D - KD905
Size 3" Drainage 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: Lower head drainage pump/Selwood D80

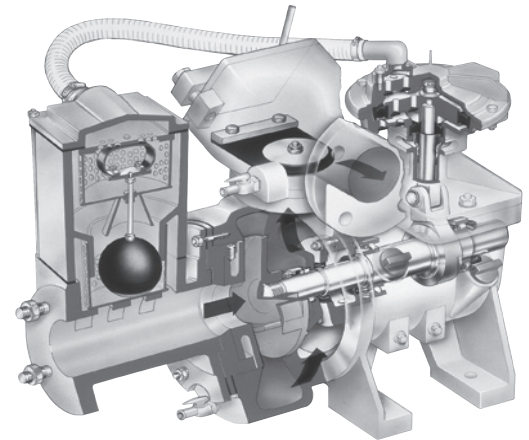
Volute: Fine gray cast iron, 3" suction, 3" discharge

Impeller: Semi-Open fine gray iron. Handles 1.14" compressible spherical solids

PRIME³ Priming System: Automatic dry priming and repriming system that features a 9 cfm water tolerant, diaphragm vacuum pump driven by the main drive shaft. There are no drive belts to adjust or replace or small compressor venturi to clog. The air/water separator is a simple, reliable float that opens and closes a nitrile peeler valve as water rises and falls. A non return valve isolates the pump during priming and protects against back flow

Bearings & Seals: Bearings of the vacuum pump drive and main shaft are continually bathed in oil. The spring loaded, single mechanical seal has a separate, oil filled housing that allows the pump to run drive indefinitely

Performance: Primes to depths of 30 feet below the center line of the pump in 1 minute



ENGINE SPECIFICATIONS

Model: Kubota D905

Type: 3 Cylinder, 4 Cycle, Liquid Cooled Diesel Engine

Displacement: 54.8 cu.in.

Governor: Large Capacity, High Speed Flyweight Governor. This ensures stable operation at low RPM and assures high torque rise.

Lubrication: Forced Circulation

Air Cleaner: Dry Type with Replaceable Element

Lube Oil Capacity: 5.1 L (1.35 U.S. gal)

Coolant Capacity: 3.1 L (0.82 U.S. gal)

Fuel Tank: Integral 68 U.S. Gallon Capacity (#2 Diesel Fuel)

Full Load Operating Time: 104 Hours

Starter: 12 Volt, .9 kW

Standard Features: Skid, SAE Flywheel, 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), Full Instruments, Site or DOT Highway Trailer

Kubota Published Performance: Maximum Continuous Power: 11.75 BHP @ 2000 RPM

Coupling: Dodge Paraflex

PT3D @ 2000 RPM	Capacity of Pump in U.S. Gallons per Minute (gpm) @ Continuous Performance
70' Head	80
50' Head	300
15' Head	628

Specifications subject to change without notice



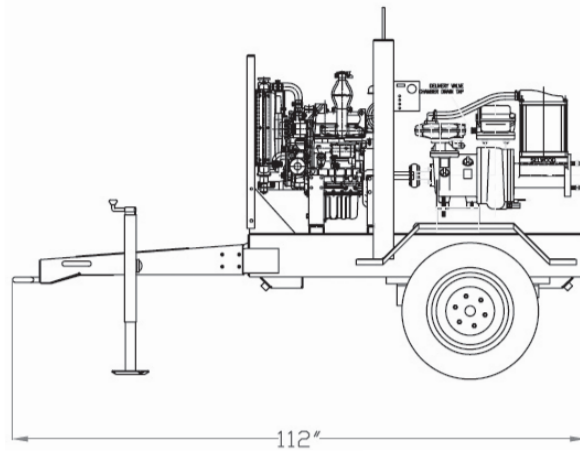
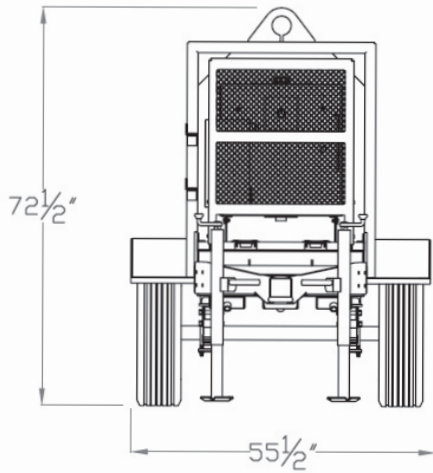
© Copyright by Holland Pump Company 2003

PRIME³ 3" Vacuum Assisted Suction Pump
Model PT3D - KD905
Size 3" Drainage 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
Powered by Kubota D905 Diesel Engine

	Skid Base	DOT Trailer
Net Weight (lbs)	2600	2900
Shipping Weight (lbs)	2700	N/A
Export Container Size (cu. ft)	119	N/A



Performance Curve Model: PT3D - KD905
Size: 3" Drainage Pump

TOTAL HEAD
FT

