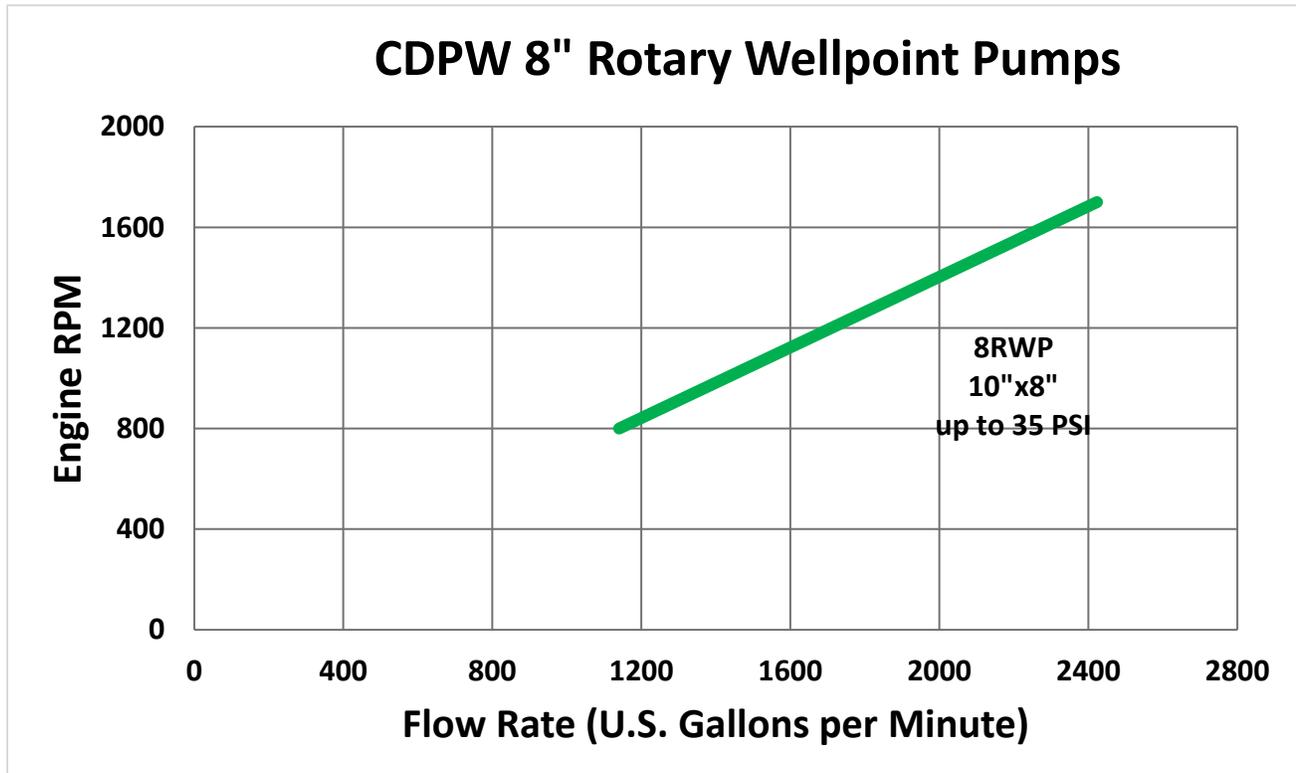


Rotary Wellpoint Pump 10 inch suction x 8 inch discharge

Our 8" discharge rotary lobe wellpoint pump is designed for 2,400 GPM, similar to a standard centrifugal design so the pumps have interchangeable applications. This provides easy field hookup to the most commonly found pipe and layflat sizes – no costly adapters or hard to find fittings needed. Large capacity suction and discharge priming tanks with automatic liquid recirculation are standard to protect pump end components during periods of dry run and reduce surges in discharge and header lines. And since the rotary lobe pump end handles both the air and water together, there is less maintenance required than with priming assisted pumps. An engine mounted gear drive reliably transfers power to the industry leading all cast iron Vogelsang wet-end. Optional Piggy-Back V-belt drive system available.



“The finest dewatering pumps and wellpoint equipment since 1923”

Complete Dewatering 8RWP-K4T-F(W) 8" Discharge Rotary Wellpoint Pump

SPECIFICATIONS

(All specifications subject to change without notice)

Pump Component

Make: Vogelsang / CDPW Inc.
 Model: VX186-520QD advanced rotary lobe pump
 Casing: Cast Iron
 Rotary lobe: HiFlo 4-wing NBR
 Wear Plate: Hardox (700 Brinell)
 Shaft: Carbon Steel (ASTM A470)
 Seal: Cartridge mechanical
 Seal lubrication: MP90 gear oil
 Safety shut-down: Discharge baffle tank over-temp
 Suction, Discharge: 10" x 8" nominal straight pipe, cam-lock or Bauer fittings optional

Performance

Pumping Capacity: to 2400 gpm (9085 l/m)
 Head Capacity: to 80' (35psi or 24.4 m)
 Suction Lift: to 25' (7.6 m)
 Solids Capacity: to 2-1/2" spherical (6.1 cm)
 Air Handling: 320 cfm
 Priming Tank Volume: 102 gallons

Diesel Engine

Make / Model: Kohler KDI2504TCR
 John Deere/Perkins/Hatz/Deutz also available
 Type: 4 cylinder liquid cooled diesel, 2.5L turbo
 Horsepower: 57 hp continuous at 1800 rpm
 Control Panel: Controls Inc. control panel with engine temp, oil pressure, voltage, tachometer, hour meter readings; safety shutdowns on critical engine conditions.
 Fuel Filters: Dual fuel filter system with fuel/water separator

Drive Reduction System

Gear Reduction: Twin Disc RM100, 3.66 to 1 turn down ratio.

Optional Piggy-Back V-Pulley drive system:
 5VX belt system designed to give 3.66 to 1 turn down ratio. Full safety guarding on all moving parts.

Frame

Type: Integral fuel cell / frame
 Material: 8" x 1/4" steel box tube, welded and pressure tested
 Fuel Capacity: 70 gallons (265 liters); approx. 24 hours run time between refueling. Can also be used with an auxiliary fuel tank.
 Clean out ports: (4), one on each corner
 Fuel filler: 4" filler neck with lockable cap, sediment screen
 Battery hold-down: External, lockable bar
 Lifting bale: Single point, balanced
 Paint: All components are cleaned, then primed with an epoxy primer. Components are then painted with an industrial grade enamel. Custom colors are available.

Wheel Mount Option

Axle: Single axle, 6000# rated Torflex torsion axle.
 Tires: 225/75/R15, Highway rated, load range D
 Fenders: Steel diamond plate
 Tow Hitch: To match your towing vehicle (ball, pintel, lunette eye) with safety chains
 Leveling: Drop down posts on all corners of the pump, front wind-down jack stand
 Brakes (optional): Hydraulic surge or electric with battery backup and charger

Dimensions

Frame Mount: Length 9.5' (114", 290 cm)
 Width 4' (50", 127 cm)
 Height 6' (70", 178 cm)
 Weight 5300 lbs. (2400 kg)
 Wheel Mount: Length 14.0' (168", 430 cm)
 Width 7.5' (90", 230 cm)
 Height 6.8' (82", 208 cm)
 Weight 6000 lbs. (2725 kg)

Options

Increased fuel capacity
 "Whisper Pack" full or partial enclosures

Warranty

CDPW Inc. warranties the entire unit for one year parts and labor against defects in product or workmanship. Engine warranties are carried by the manufacturer, and may exceed one year.