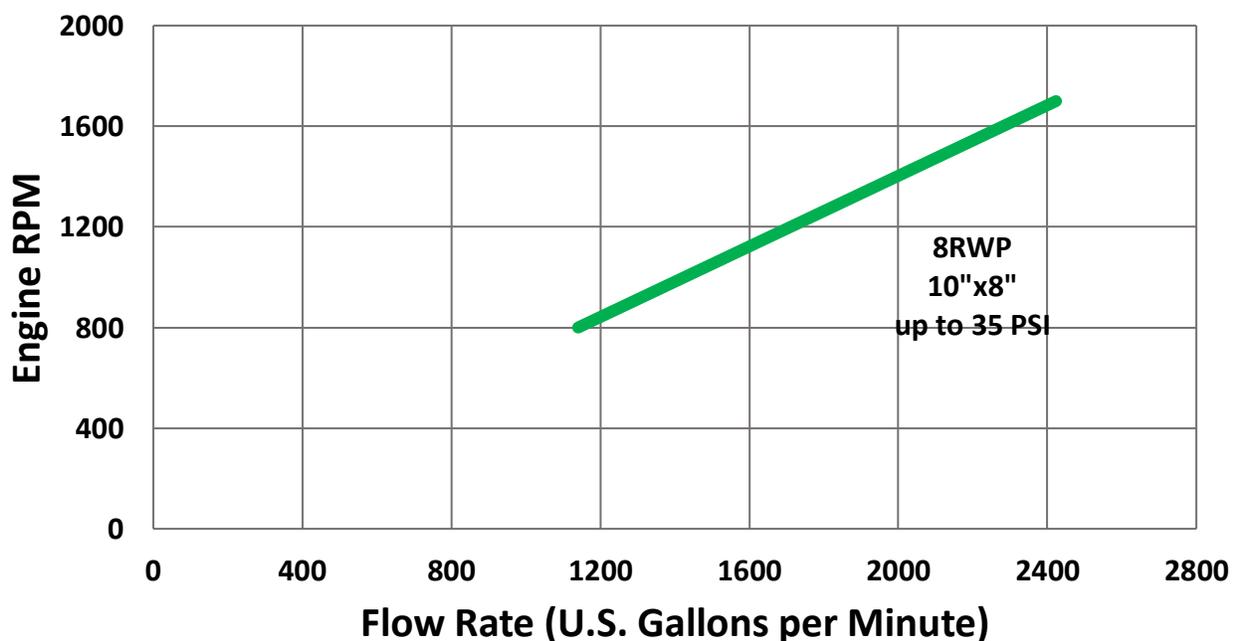


## Rotary Wellpoint Pump 10 inch suction x 8 inch discharge

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.



### CDPW 8" Rotary Wellpoint Pumps



“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.