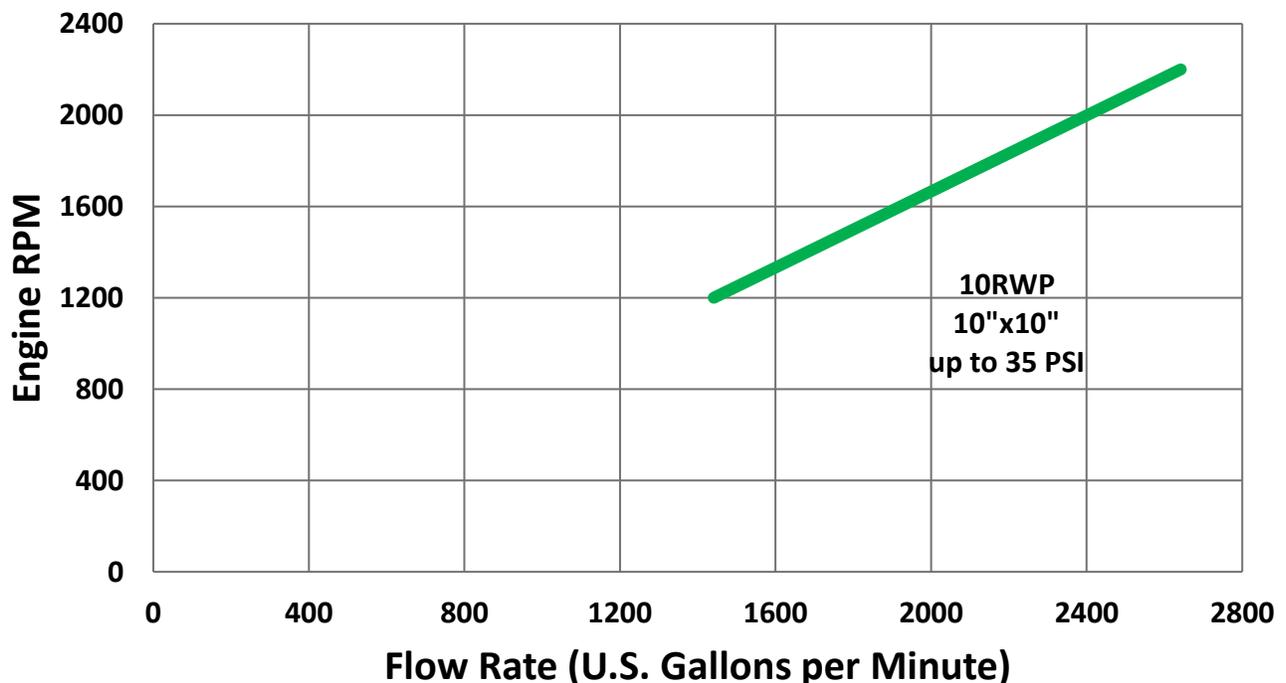


## Rotary Wellpoint Pump 10 inch suction x 10 inch discharge

Our 10" discharge rotary lobe wellpoint pump is designed for 2,600 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.



### CDPW 10" Rotary Wellpoint Pumps



“The finest dewatering pumps and wellpoint equipment since 1923”

# Complete Dewatering 10RWP-1z4T-F(W) 10" 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 10" nominal straight pipe, cam-lock or Bauer fittings optional

### Performance

Pumping Capacity: ..... to 2600 gpm (9840 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: ..... 350 cfm  
 Priming Tank Volume: ..... 102 gallons

### Diesel Engine

Make / Model: ..... Isuzu 4LE2X  
 Deutz/Hatz/Kohler/Yanmar also available  
 Emissions: ..... EPA Final Tier 4  
 Type: ..... 4 cylinder liquid cooled diesel, 2.2L turbo  
 Horsepower: ..... 60 hp continuous at 2200 rpm  
 Control Panel: ..... 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: ..... 4.43 to 1 turn down ratio.

### 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 Gauge: ..... Mechanical dial  
 Fuel filler: ..... 4" filler neck with lockable cap, sediment screen  
 Battery hold-down: ..... External, lockable bar  
 Lifting bale: ..... Single point, balanced  
 Paint: ..... Epoxy primed and 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 bolt on replaceable  
 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.