

# AutoPrime™ Vacuum Assist Jet Pump 2.5 inch discharge



Complete AutoPrime™ Jet Pump with automated priming system – primes quicker and more reliably than manual prime pump systems!

The ideal pump for:

- Jetting for wellpointing
- Irrigation for golf courses and agriculture
- Washing of crushed rock and industrial equipment
- Water blasting applications

## Diesel Configuration:

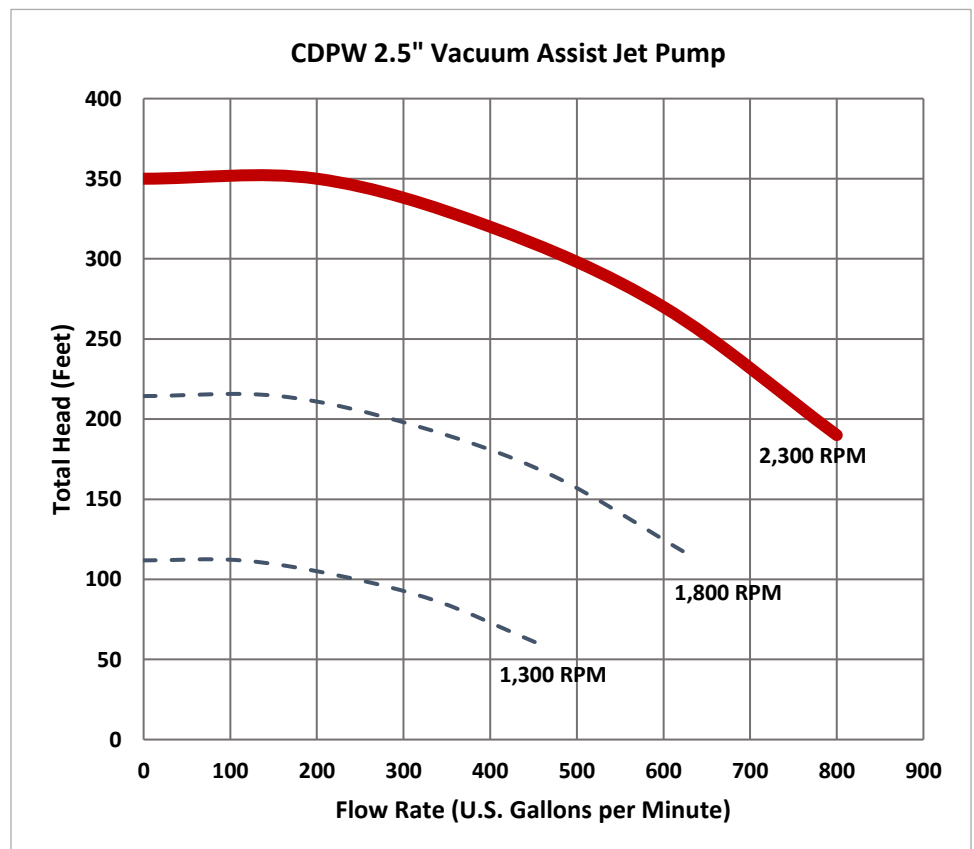
### Model 2.5VAJP-Dz4-C2-F(W)

Deutz D914L04 (balanced) air/oil cooled diesel engine, 74 cont. hp @ 2300 rpm

Full instrument panel with safety shutdowns

## Specifications:

- Up to 350' (150 psi) head pressure
- 800 GPM cast iron centrifugal pump
- 4" Suction x 2.5" Discharge
- AutoPrime™ Vacuum Assist system
- Integral fuel tank / frame, 62-gallon capacity
- Single point lifting bale
- Optional: wheel mount with highway lights, fenders



“The finest dewatering pumps and wellpoint equipment since 1923”

# Complete Dewatering 2.5VAJP-Dz4-C2-F(W) 2.5" AutoPrime™ Vacuum Assist High Pressure Jet Pump

## SPECIFICATIONS

(All specifications subject to change without notice)

### Pump Component

Make: ..... Complete Dewatering  
 Model: ..... Berkeley B-series, end suction centrifugal, SAE coupled  
 Casing: ..... Cast Iron  
 Impeller: ..... Fully enclosed 13.5" dia.  
 Seal: ..... Packing or mechanical seal  
 Coupling: ..... Direct coupled, SAE mount  
 Suction, Discharge: ..... 4" x 2.5" NPT tread, cam-lock or Bauer fittings optional

### Performance:

Pumping Capacity: ..... to 800 gpm (3032 l/m)  
 Head Capacity: ..... to 350' (106 m)  
 ..... to 150 psi  
 Solids Capacity: ..... to 3/4" spherical (2.0 cm)

### Diesel Engine

Make / Model: ..... Deutz D914L04 (balanced)  
 Isuzu/Perkins/Hatz/Kohler also available  
 Type: ..... 4-cylinder air/oil cooled diesel, naturally aspirated  
 Horsepower: ..... 74 hp continuous at 2300 rpm  
 Control Panel: ..... Murphy control panel with engine temp, oil pressure, voltage, tachometer, hour meter gauges; safety shutdowns on critical engine conditions.  
 Fuel Filters: ..... Dual fuel filter system with fuel/water separator

### Priming System

Vacuum Pump: ..... Complete C2-OF rotary vane, air cooled, oil lubricated  
 Air Handling: ..... 34 cfm  
 Lubrication: ..... Single point oiler w/ closed loop vacuum pump oil recovery system  
 Oil capacity: ..... 12 quarts, SAE 30 non-detergent  
 Vacuum system: ..... Suction priming constant vacuum system with a large steel air/water separation tank, stainless steel peeler valve float mechanism, manifold trap moisture capture system, vented vacuum oil recovery tank.  
 Suction lift: ..... up to 24' (7.3m)  
 Suction hose: ..... up to 40 ft. of 4" diameter hose with strainer (order separately)

### Frame

Type: ..... Integral fuel cell / frame  
 Material: ..... 8" x 1/4" steel box tube, welded and pressure tested  
 Fuel Capacity: ..... 62 gallons (235 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 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 8' (98", 250 cm)  
 Width 4' (50", 127 cm)  
 Height 5' (60", 152 cm)  
 Weight 3000 lbs. (1370 kg)  
 Wheel Mount: ..... Length 12.5' (150", 380 cm)  
 Width 7.5' (90", 230 cm)  
 Height 6' (72", 183 cm)  
 Weight 3600 lbs. (1635 kg)

### Options

Wheel mounts and trailer 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.