

# WaterBox

Compact ♦ Portable ♦ Diesel-Powered ♦ Variable Flow ♦ 3,000 PSI ♦ Water Pump



The Borterra WaterBox water pump is designed specifically to power water hammer drills.

The pump delivers water at a flow rate matched to the requirements of the Hammer. The drill operator uses a radio remote for precise control and feedback. The operator sets the flow they want to maintain and WaterBox delivers it precisely and efficiently. The color display on the control shows precise pressure and flow rates at all times. As the hole gets deeper or ground conditions change, the operator can make precise adjustments to maintain maximum penetration rate while ensuring repeatability and precision for each hole drilled.

WaterBox is self-contained and diesel-powered with a top-of-the-line EPA Tier 4F (Stage 5) diesel engine. Our proprietary digital control system manages the pump speed and engine throttle to maximize efficiency and fuel economy without sacrificing on available power.



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ISO 9001

### Water Circuit Specs (DWP3000)

- Water pressure: 0 to 3,000 psi (0-206 bar)
- Water flow: 15 to 120 gpm (56 to 454 l/min)
- Maximum flow @ pressure: 120 gpm @ 2,600 psi
- Maximum pressure @ flow: 102 gpm @ 3,000 psi
- 90 gallon (340 l) surge tank
- 3" female NPT stainless steel water inlet connection
- 2" female NPT stainless steel water outlet connection

### Diesel Power (DWP3000)

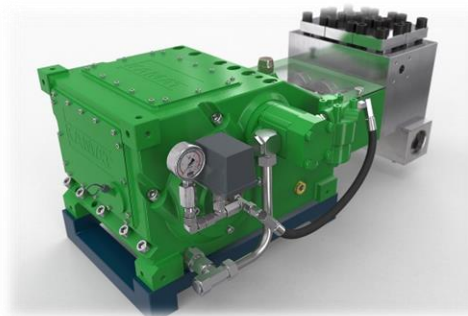
- 250 hp (168 kW) John Deere PowerTech™ PVS 6.8L Industrial Diesel Engine
- CARB, EPA Tier 4F, EU Stage 5
- 100 Gallon (280 l) diesel tank.
- 24V Control System

### Operator Controls

- The pump is fully controlled from a Radio Remote Control.
- Radio remote control has a colour screen indicating water pressure, water flow (instantaneous and cumulative for the day), fuel level, fuel efficiency and other engine data.
- Radio Remote Control has a 100m range.
- Spare battery and a charger (included) are located inside the pump enclosure.

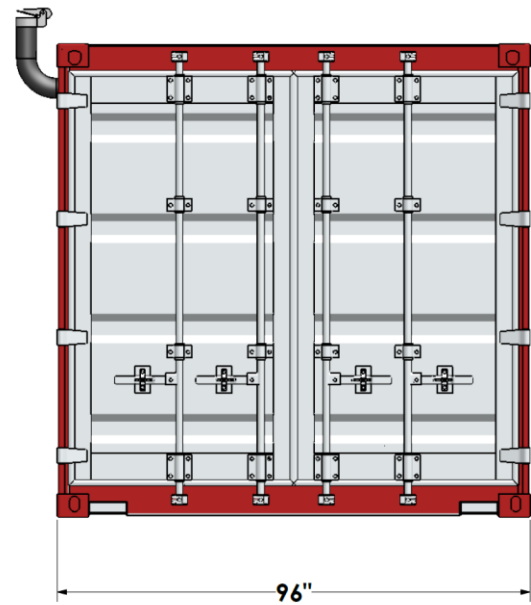
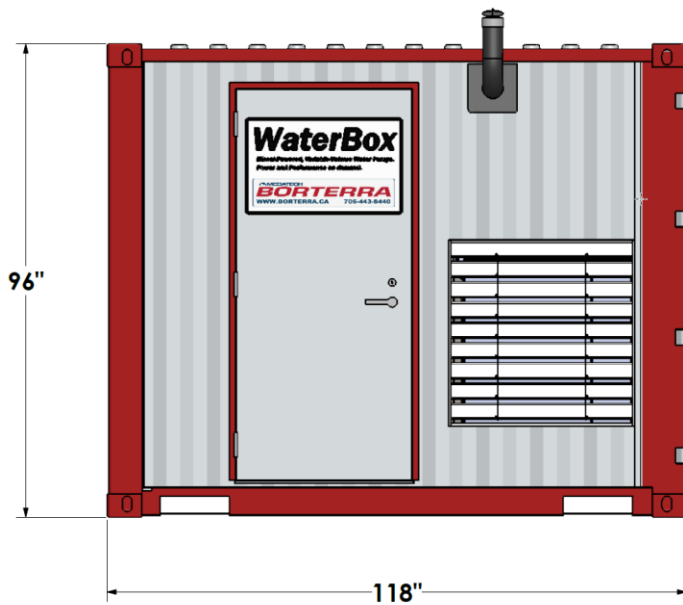
### Pump Enclosure

- Heavy duty enclosure 10' x 8' x 8' (L x W x H)
- Two keyed operator doors for main power access, daily maintenance checks, and refueling, maintenance access.
- Padlocked full face access doors on one end.
- ANSUL Fire Suppression system (automatic)
- Forklift Pockets on all 4 sides.
- Crane lifting points on roof.



**Available Options**

- Cold Weather package (Antifreeze injection)
- Additional Radio Remote Controls
- Additional batteries/chargers.
- Wired Control Pendant



Hammer Size (in)	Hose Size		Flow (gpm)		Max Pressure (psi)	WaterBox Model DWP3000
	Min	Max	Min	Max		
2.0	2.4	2.5	15	46	2610	✓
3.0	3.2	3.5	20	70	2610	✓
3.5	3.7	4.0	18	70	2610	✓
4.0	4.5	5.0	35	94	2610	✓
5.0	5.0	6.0	45	118	2610	✓