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### HT6 PUMP

#### PERFORMANCE

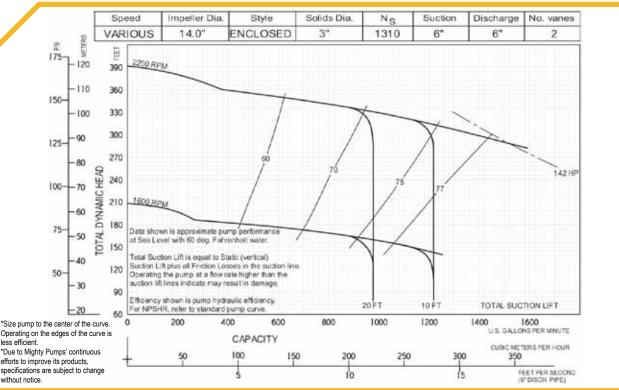
Maximum Outflow	1,540 US gpm (5,830 L/min)
Maximum Head	390 feet (119 m)
Solids Handling	3" (76 mm) diameter
BEP with 15' lift	1,060 US gpm @ 324 feet

# MIGHTY PUMPS

#### **PUMP FEATURES**

- High Head Trash (HT) Pumps balance high lift and high volume capabilities
- · Variety of pump applications including sewage, liquids, sludge and liquids with solids up to 3" (76 mm) in diameter
- Standard engine CAT C4.4 Electronic-142 hp, also available in John Deere JD4045H Electronic- 139 hp
  - Stressproof<sup>™</sup> stainless steel shaft with innovative Cycloseal® (Tungsten Carbide vs. Silicon Carbide) that increases the seal life by up to three times that of a typical mechanical seal
- · Oil bath feeds the mechanical seal with cooler oil for continuous dry running
- Steel construction industrial grade, off-road trailer with automatic hydraulic brakes and an internal 99 gallon fuel tank; exempt from TDG legislation
- Protective Quiet Container is easily removable and reduces sound down to 70dB at 28ft away
- · Automatic priming system that sucks air and liquid at the same time. Primes and re-primes completely unattended
- Priming system built with in-line 1/4 turn isolation valve for flooded suction applications
- Auto-Start/Stop Water Level Control
- At its Best Efficiency Point this pump is 73% efficient, which reduces energy costs compared to other pumps
- Heavy duty, massive pump shafts, purposely built for industrial applications
- Optional remote monitoring with live updates that include: pump's global position, discharge pressure, engine data
  and maintenance log
- Warranted by Mighty Pumps, Cornell and CAT/John Deere- 2 year, 2,000 hour warranty

#### PERFORMANCE CURVE





Phone: 1-877-898-3494 Email: sales@mightypumps.com www.mightypumps.com



## HT6 PUMP

#### **SPECIFICATIONS**

Engine

Pump End Mounting Sound Attenuation

**Fuel Tank Capacity** Fuel Consumption (1,800 rpm) 6.5 US gal/hr Run Time\* (1,800 rpm) **Maximum Operating Speed** Max Case Pressure Max Fluid Temperature **Suction Inlet Size Discharge Outlet Size** \*one tank of fuel

CAT C4.4 Electronic-142 hp continuous or John Deere JD4045H Electronic- 139 hp Cornell 4414T Trailer Quiet Container / Residential Muffler 99 US gallons (375 L) 15 hours 2,200 rpm 150 psi (1,034 kPa) 180°F (82°C) 6" 150 lb Flange 6" 150 lb Flange

#### **PUMP MATERIALS**

Volute	ASTM A48 Cast Iron
Wear Rings	ASTM A48 Cast Iron
Backplate	ASTM A48 Cast Iron
Impeller	ASTM A48 Cast Iron
Frame	ASTM A48 Cast Iron
Trailer	CSA G40.21 350W Steel
Shaft	Stress Proof SAE 1144 Steel
Shaft Seal	Tungsten Carbide vs. Silicon Carbide
<b>Engine Bracket</b>	ASTM A48 Cast Iron

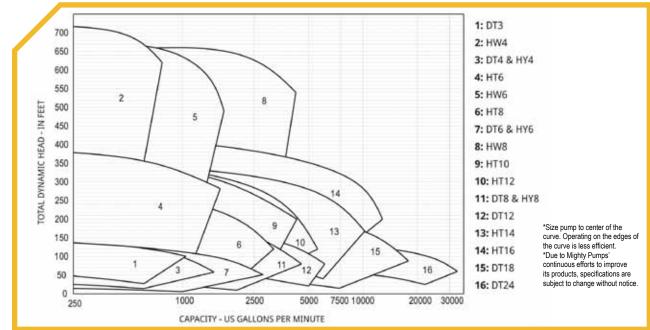
#### **DIMENSIONS**

Width      72" (1,829 mm)        Length      141" (3,581 mm)        Weight (Wet)      6,159 lb (2,794 kg)
•
Weight (Wet) 6,159 lb (2,794 kg)

#### **CORNELL 4414T**



#### **MIGHTY PUMPS FAMILY CURVE**





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