

# HT10 PUMP

## PERFORMANCE

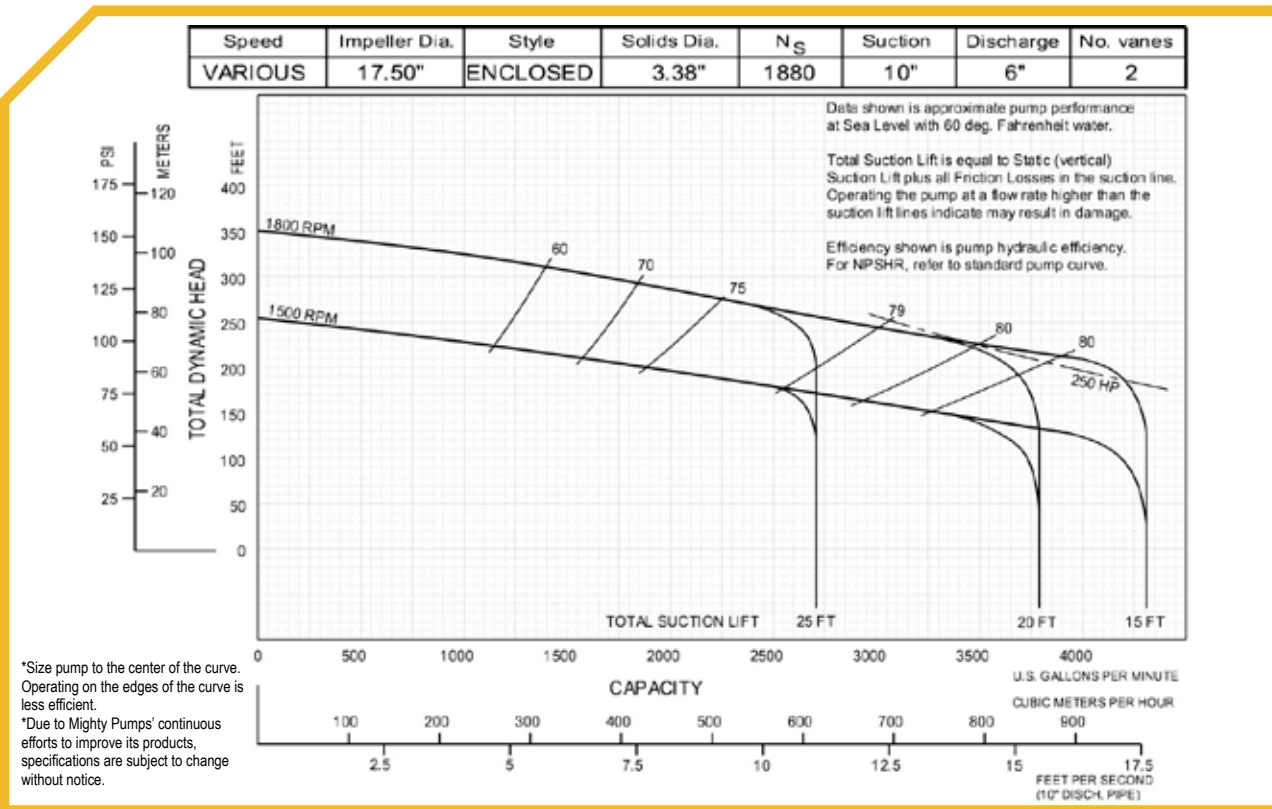
<b>Maximum Outflow</b>	4,500 US gpm (17,055 L/min)
<b>Maximum Head</b>	350 feet (107 m)
<b>Solids Handling</b>	3.38" (86 mm) diameter
<b>BEP with 15' lift</b>	3,700 US gpm @ 220 feet



## 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 3.38" (86 mm) in diameter
- Standard engine CAT C7-250 hp, also available in John Deere JD6068H- 251 hp
- Stressproof™ 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 skid. Also available with an industrial grade, off-road trailer mount
- Capable of remote monitoring with live updates that include: pump's global position, discharge pressure, engine data and maintenance log
- Automatic Priming System sucks air and liquid at the same time. Primes and re-primers completely unattended
- Priming system built with in-line ¼ turn isolation valve for flooded suction applications
- At its Best Efficiency Point this pump is 80% efficient, which reduces energy costs compared to other pumps
- Heavy duty, massive pump shafts, purposely built for industrial applications
- Optional Water Level Control
- Optional, easily removable protective Quiet Container that reduces sound down to 70 dB at 28ft away
- Warranted by Mighty Pumps, Cornell and CAT/John Deere- 2 year, 2,000 hour warranty

## PERFORMANCE CURVE



# HT10 PUMP

## SPECIFICATIONS

Engine	CAT C7-250 hp continuous or John Deere JD6068H- 251 hp
Pump End	Cornell 6NHTB
Mounting	Skid
Sound Attenuation	Quiet Container / Residual Muffler
Fuel Tank Capacity	250 US gallons (946 L)
Fuel Consumption (1,800 rpm)	11.8 US gal/hr
Run Time* (1,800 rpm)	21 hours
Maximum Operating Speed	1,800 rpm
Max Case Pressure	200 psi (1,379 kPa)
Max Fluid Temperature	180°F (82°C)
Suction Inlet Size	10" 150 lb Flange
Discharge Outlet Size	10" 150 lb Flange

\*one tank of fuel

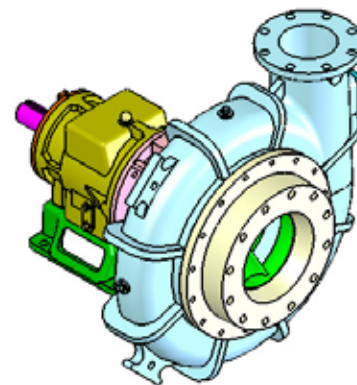
## DIMENSIONS

Height	111" (2,819 mm)
Width	56" (1,422 mm)
Length	155" (3,937 mm)
Weight (Wet)	9,380 lb (4,255 kg)

## PUMP MATERIALS

Volute	ASTM A536-72 Ductile Iron
Wear Rings	ASTM A48 Cast Iron
Backplate	ASTM A536-72 Ductile Iron
Impeller	ASTM A48 Cast Iron
Frame	ASTM A48 Cast Iron
Shaft	Stress Proof SAE 1144 Steel
Shaft Seal	Tungsten Carbide vs. Silicon Carbide
Engine Bracket	ASTM A48 Cast Iron
Skid	CSA G40.21 44W Steel

## CORNELL 6NHTB



## MIGHTY PUMPS FAMILY CURVE

