

# NT8 Pump

- SELF-PRIMING
- EFFICIENT
- RELIABLE

## PERFORMANCE

**Maximum Outflow:** 3,000 US gpm (11,355 L/min)  
**Maximum Head:** 130 feet (39.6 m)  
**Solids Handling:** 3" (76 mm) diameter

## SPECIFICATIONS

**Engine:** CAT C4.4 Mechanical – 80 hp continuous  
**Pump End:** Cornell 8ST  
**Mounting:** Integrated Trailer  
**Fuel Tank Capacity:** 99 US gallons (375 L)  
**Fuel Consumption (1,800 rpm):** 4.1 US gal/hr  
**Run Time (1,800 rpm):** 24 hours  
**Maximum Operating Speed:** 2,000 rpm  
**Max Case Pressure:** 80 psi (552 kPa)  
**Max Fluid Temperature:** 180°F (82°C)  
**Pipe Connections:** 8" #150 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  
**Engine Bracket:** ASTM A48 Cast Iron

## DIMENSIONS

**Height:** 57" (1448 mm)  
**Width:** 46" (1168 mm)  
**Length:** 84" (2134 mm)  
**Weight (wet):** 4429 lb (2013 kg)



Industrial Strength  
MIGHTY PUMPS

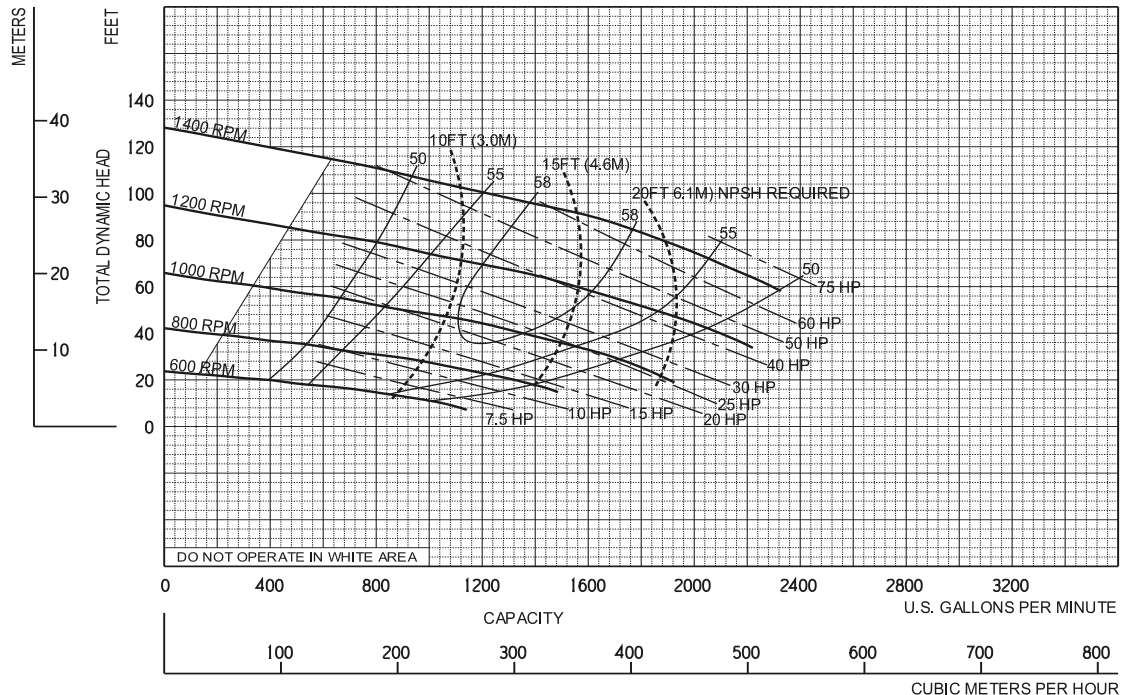
DIVE • PUMP • BARGE • DREDGE  
CANADA PUMP & POWER

Feet x .305 = Meters  
 Inches x 25.4 = Millimeters  
 GPM x .227 = Cubic Meters/Hour  
 GPM x 3.785 = Liters/Minute  
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. vanes
VARIOUS	14.76"	SEMI-O	3"	1850	8"	8"	2

SINGLE VOLUTE

MOUNTING CONFIG.: F, EM



Performance shown are for cool water, frame-mounted configuration. Other mounting styles or liquids may require horsepower and/or performance adjustments.

\*Size pump to the center of the curve. Operating on the edges of the curve is less efficient.

\*Due to Canada Pump and Power's continuous efforts to improve its products, specifications are subject to change without notice.