

HC-150 SAFE

6" High CFM/High Vacuum, Centrifugal Pump
Sound Attenuated Fully Enclosed



Duty Points

Max Flow: 2,200 GPM / 8327 LPM
Max Head: 150' TDH / 45.72 M
Max Suction Lift: 28' FT / 8.5 M
Solid Handling: 3" / 76.2 mm
Max CFM: 100 CFM

Market Segment

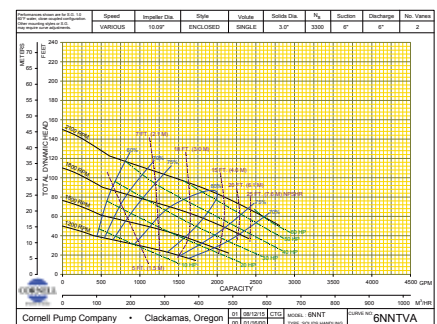
Construction – Ground Dewatering
Municipal: Water & Waste Water
Industrial
Petrochemical
Oil & Gas
Mining
Food Processing

The MSP HC-150 SAFE is a multipurpose pump capable of being used for the six most common methods of dewatering that a contractor would typically encounter on a job. Those methods are the following:

- **Wellpointing (Vertical Ground Dewatering) – Up to 500' LF of Wellpoint System and 20' FT Total Length Wellpoints**
- **Sock Drain (Horizontal Ground Dewatering) – Up to (2) 300'-400' LF Sock Drain Lines trenched at 18' FT deep**
- **Stormwater or Sewer Bypass**
- **Open Pond**
- **Sump Pumping, aka "Kelly Well"**
- **Rim Ditching**

We understand that contractors don't make money moving water. Contractors make money putting pipe in the ground, building roads, and installing infrastructure. All dewatering is a cost for contractors. The MSP HC-150 SAFE can simplify your job's pump selection requirements while lowering your total dewatering cost, which keeps more profit on your job. Pumps are tools, and the MSP HC-150 SAFE is like a Swiss Army Knife for your job's dewatering needs.

Flow Chart



HC-150 SAFE

Specifications

Engine		Frame	
Make/Model	Hatz 3H50TIC, Final Tier 4	Frame Construction	Heavy Duty Fabricated Steel Frame
Horsepower	52 HP @ 1800 rpm	Fuel Capacity	195 gallons (738 L)
Safety Shutdowns	Low Oil Pressure, High Temperature	Lifting Bale	Heavy Duty Single Point
Engine Displacement	89.34 cu (1.46 L)	Tie Downs	(4) Heavy Duty D-Rings
Engine Type	4 Cylinder, 4 Cycle, Water Cooled, Diesel	Height	78" (198.12 cm)
Daily Fuel Consumption @1500 RPMv	36 - 40 gallons per day (136 - 151 LPD)	Width	83" (210.82 cm)
Max Continuous Run Time	5.41 - 4.8 days	Length	129" (327.66 cm)
Standard Equipment	Instrument Panel with Temperature and Oil Pressure Gauge, Amp Meter, Hour Meter and Tachometer	Weight (Dry)	3900 lbs. (1769 kg)
		Weight (Wet)	5,526 lbs. (2507 kg)
		Wheels & Tires	16", 6 lug tires
		Axle Type	6500# Anti-Torsional Axle with Fenders

Pump			
Pump Model	Cornell 6NNT	Max Operating Speed	1,800 RPM
Pump Suction	6" 150 ANSI Flange	Solid Handling	3" Inches (76.2 mm)
Pump Discharge	6" 150 ANSI Flange	Automatic Priming	28' FT (8.53 m)
Max Flow	2,200 GPM (8,328 LPM)	Vacuum Pump System	100 CFM oil less vacuum pump
Max Head	150 TDH (45.72 m)		

