



NEXT GENERATION LOGISTICS

Crew Compass Spec Sheet

The Series 1270 Dragon® cutterhead dredge offers good production rates for dredging depths up to 50' (15 m).

- Equipped with two separate diesel engines, one of which is totally dedicated to the dredge pump for optimal production.
- Compact design allows for rapid deployment and mobilization. Fairly easy to tow and maneuver in confined areas.
- With a moderate physical size and emphasis on simple, straightforward controls, training is easy. It can be operated by a crew not exclusively dedicated to the dredge.
- Dredge productivity in confined dredging areas may be increased substantially with the optional spud carriage feature.
- Typical uses of the 1270 are medium size navigation projects in ports, harbors, rivers, and inland waterways.





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General

Suction Pipe x Discharge Pipe
Dredging Depth, Maximum
Length, Overall (with Ladder Raised)
Length, Hull
Width, Hull (including Side pontoons)
Depth, Hull
Number of pontoons (Tanks)
Plate Thickness of Center Pontoon
Dry Weight
Hull Draft (not including spuds)
Fuel Capacity
Swing Width @ Min Dredging Depth
Swing Width @ Max Dredging Depth

English

Metric

20 in x 20 in	508 mm x 508 mm
50 ft	15.24 m
98 ft 6 in	30.02 m
68 ft	20.73 m
30 ft	9.14 m
4ft 6 in	1.37 m
3	
1/4 in & 5/16 in	6 & 8 mm
221,000 lbs	100,244 kg
2 ft 10 in	0.86 m
10,600 gal	40,125 liters
125 ft	38.1 m
92 ft	28.04 m

Main Engine (Caterpillar)

Power

Rating Machine

Cooling

C32

800 HP 597 kW

Tier 3

Heat Exchanger

Auxiliary Engine

Power

Rating Marine

Cooling

C9

375 HP 280 kW

Tier 3

Heat Exchanger

Total Installed Power

Not Including Standard Genset

Power at Cutter Shaft

Cutter Speed

Cutter Diameter

Cutting Force

Diameter

Length

English

Metric

1,175 HP 877 kW

155 HP 116 kW

29-42 RPM

54 in 1,372 mm

7,991 lbs 3,625 kg

18 in 457 mm

65 ft 19.8 m