



## “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.





# “Crew Compass” Spec Sheet

## 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" x 20"  
50'  
98'-6"  
68'  
30'  
4'-6"  
3  
1/4" & 5/16"  
221,000 lbs  
2'-10"  
10,600 gal  
125'  
92'

508 mm x 508 mm  
15 m  
30 m  
20.7 m  
9.1 m  
1.4 m  
6 & 8 mm  
100,244 kg  
0.86 m  
40,125 liters  
38 m  
28

## ENGINES:

Main Engine (Caterpillar)  
Power  
Rating Machine  
Cooling

C32  
800 HP  
Tier 3  
Heat Exchanger

597 kW

Auxiliary Engine  
Power  
Rating Marine  
Cooling

C9  
375 HP  
Tier 3  
Heat Exchanger

280 kW

## TOTAL INSTALLED POWER:

Not Including Standard Genset

## English

## Metric

1,175 HP  
877 kW

## CUTTER DRIVE:

Power at Cutter Shaft  
Cutter Speed  
Cutter Diameter  
Cutting Force

155 HP  
29-42 RPM  
54"  
7,991 lbs  
116 kW  
1,372 mm  
3,625 kg

## SPUDS:

Diameter  
Length

18"  
65'  
457 mm  
19.8 m