



14" x 14" (350 mm x 350 mm) Hydraulic Cutter Suction Dredges

The Series 670 **Dragon**® cutterhead dredge is typically used to complete medium-sized navigational projects in locations such as small ports, rivers, and inland waterways. Features include:

- Inherent stability that allows for use in semi-protected waters.
- Well suited for first-time owners and operators—easy to train on and operate.
- Relatively low initial investment with dependability for long-term use.
- Easily transported over road by trucks.
- Powerful pumping capacity: 875 HP (653 kW) and 100 HP (74 kW) cutter drive.
- Ideal dredge for marine and general contractors, small ports and harbors, and self-managed government dredging programs.



Series 670 Dragon® Dredge

		670-33'	670-10M	670-42'	670-12.8M
		English	Metric	English	Metric
GENERAL	Suction Pipe x Discharge Pipe	14" x 14"	350 mm x 350 mm	14" x 14"	350 mm x 350 mm
	Dredging Depth, Maximum	33'	10 m	42'	12.8 m
	Length, Overall (with Ladder Raised)	77'-6"	23.62 m	85'-8"	26.11 m
	Length Hull	50'	15.3 m	54'	16.5 m
	Width, Hull (Including Side pontoons)	20'	6 m	20'	6 m
	Depth Hull	4'	1.22 m	4'	1.22 m
	Number of pontoons (Tanks)	3	3	3	3
	Plate Thickness of Center Pontoon	1/4"	6 mm	1/4"	6 mm
	Dry Weight	135,000 lbs	61,235 kg	138,600 lbs.	62,857 kg
	Hull Draft (Not Including Spuds)	2'-10"	0.9 m	2'-4"	0.7 m
	Fuel Capacity	2,700 gallons	10,221 liters	2,700 gallons	10,221 liters
	Swing Width @ Minimum Dredging Depth	97'	29.6 m	103'	33.2 m
	Swing Width @ Maximum Dredging Depth	72'	21.9 m	81'	24.7 m
	ENGINE AND INSTALLED POWER	Main Engine (Caterpillar)	C-27		C-27
Power		800 HP	596 kW	800 HP	596 kW
Rating		Tier 2		Tier 2	
Cooling		Box Cooler		Box Cooler	
CUTTER DRIVE	Power At Cutter Shaft	100 HP	75 kW	100 HP	75 kW
	Cutter Speed	0-36 RPM		0-36 RPM	
	Cutter Diameter	43"	1,092 mm	43"	1,092 mm
	Cutting Force	7,405 lbs	3,358 kg	7,405 lbs	3,358 kg
SPUDS	Diameter	16"	400 mm	16"	400 mm
	Length	43'-6"	13.3 m	51'-0"	15.5 m

Specifications Are Subject to Change Without Notice