



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: 715 HP (533 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

The Series 670 Dragon® Dredge is Available in the Following Sizes

		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	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	42'	12.8 m	42'	12.8 m	
	Length, Overall (with Ladder Raised)	77'-6"	23.62 m	85'-8"	26.11 m	85'-8"	26.11 m	85'-8"	26.11 m	
	Length Hull	50'	15.3 m	54'	16.5 m	54'	16.5 m	54'	16.5 m	
	Width, Hull (Including Side pontoons)	20'	6 m	20'	6 m	20'	6 m	20'	6 m	
	Depth Hull	4'	1.22 m	4'	1.22 m	4'	1.22 m	4'	1.22 m	
	Number of pontoons (Tanks)	3			3			3		
	Plate Thickness of Center Pontoon	1/4"	6 mm	1/4"	6 mm	1/4"	6 mm	1/4"	6 mm	
	Dry Weight	135,000 lbs	61,235 kg	138,600 lbs.	62,857 kg	138,600 lbs.	62,857 kg	138,600 lbs.	62,857 kg	
	Hull Draft (Not Including Spuds)	2'-10"	0.9 m	2'-4"	0.7 m	2'-4"	0.7 m	2'-4"	0.7 m	
Fuel Capacity	2,700 gallons	10,221 liters	2,700 gallons	10,221 liters	2,700 gallons	10,221 liters	2,700 gallons	10,221 liters		
ENGINE AND INSTALLED POWER	Swing Width @ Minimum Dredging Depth	97'	29.6 m	103'	33.2 m	103'	33.2 m	103'	33.2 m	
	Swing Width @ Maximum Dredging Depth	72'	21.9 m	81'	24.7 m	81'	24.7 m	81'	24.7 m	
	Main Engine (Caterpillar)	C-18			C-18			C-18		
	Power	715 HP			533 kW			533 kW		
	Rating	Marine Tier 3			Marine Tier 3			Marine Tier 3		
	CUTTER DRIVE	Power At Cutter Shaft	100 HP	75 kW	100 HP	75 kW	100 HP	75 kW	100 HP	75 kW
Cutter Speed		0-36 RPM			0-36 RPM			0-36 RPM		
Cutter Diameter		43"	1,092 mm	43"	1,092 mm	43"	1,092 mm	43"	1,092 mm	
Cutting Force		7,405 lbs	3,358 kg	7,405 lbs	3,358 kg	7,405 lbs	3,358 kg	7,405 lbs	3,358 kg	
SPUDS	Diameter	16"	400 mm	16"	400 mm	16"	400 mm	16"	400 mm	
	Length	43'-6"	13.3 m	51'-0"	15.5 m	51'-0"	15.5 m	51'-0"	15.5 m	
Specifications Are Subject to Change Without Notice										

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