



27" x 24" (700 mm x 600 mm) Hydraulic Cutter Suction Dredge

The 4170 **SUPER DRAGON™** cutterhead dredge is designed for larger heavy-duty navigational projects such as rivers, ports, harbors and land reclamation. Advantages include

- Well suited for established dredging contractors.
- Spacious operator cab and state-of-the-art control console.
- Available as a shipyard-build or portable unit for movement by trucks.
- Equipped with two onboard engines for powering the hydraulic and auxiliary systems independently
- Dependable capital investment for long-term use.
- Highly powerful pumping capacity, 2,680 HP (2,000 kW) and 750 HP (500 kW) cutter drive, for excavating harder materials.
- Rugged, heavy-duty design for working in coastal waterways.

4170
English

4170
Metric

		4170 English	4170 Metric
GENERAL	Suction Pipe x Discharge Pipe	27" x 24"	700 mm x 600 mm
	Dredging Depth, Maximum	58'	17.7 m
	Length, Overall (with Ladder Raised)	156'	47.3 m
	Length, Hull	114'	34.6 m
	Width, Hull (including Side Pontoons)	30'	9.2 m
	Depth Hull	8'	2.44 m
	Number of Pontoons (tanks)	5	5
	Plate Thickness of Center Pontoon	5/16"	8 mm
	Dry Weight	860,000 lbs	390,093 kg
	Hull Draft (not Including Spuds)	5'-6"	1.68 m
Fuel Capacity	16,000 gallons	60,550 liters	
MAIN ENGINE	Swing Width @ Min. Dredging Depth	210'	64 m
	Swing Width @ Max. Dredging Depth	187'	57 m
	Power	2,680 HP	2,000 kW
	Cooling	Heat Exchanger	
AUXILIARY ENGINE	Power	1,410 HP	1,051 m
	Cooling	Heat Exchanger	
TOTAL INSTALLED POWER	Including Standard Genset	4,240 HP	3,163
	CUTTER DRIVE	Power at Cutter Shaft	750 HP
	Cutter Speed	0-32 RPM	
	Cutter Diameter	85"	2,159 mm
	Cutting Force	32,4000 lbs	14,969 kg
SPUDS	Diameter	30"	762 m
	Length	71'- 6"	21.7 m
Specifications Are Subject to Change Without Notice			