



## 12" x 12" (300 mm x 300 mm) Hydraulic Cutter Suction Dredge

The Series 460SL **SWINGING DRAGON**® cutterhead dredge is a 12" (300 mm) swinging ladder dredge. Features include:

- Ability to switch from swinging ladder to conventional mode, depending upon the project requirements.
- Swinging ladder mode allows for use in narrow channels and eliminates the need for cables and anchors.
- The conventional dredging mode allows for wider swing widths for optimal precision cut and production efficiency.
- Easily assembled using standard hand tools and marine cranes.
- Built-in spud carriage advances the dredge quickly and accurately.
- Heavy-duty structure built to last for many years.
- Ideal dredge for environmental cleanup, waterways and lake projects.



# Series 460SL Swinging Dragon® Dredge

		460SL English	460SL Metric
GENERAL	Suction Pipe x Discharge Pipe	12" x 12"	300 mm x 300 mm
	Dredging Depth. Maximum	20'	6 m
	Length, Overall (with Ladder Raised)	75'	22.9 m
	Length, Hull	48'	14.5 m
	Width, Hull (including Side Pontoons)	23'	6.8 m
	Depth, Hull	4'	1.2 m
	Number of Pontoons (tanks)	3	
	Plate Thickness of Center Pontoon	3/16"	5 mm
	Dry Weight	123,811 lbs	56,159 kg
	Hull Draft (not Including Spuds)	2'-6"	0.76 m
Fuel Capacity	1,000 gallons	3,785 litres	
ENGINE AND INSTALLED POWER	Swing Width @ Min. Dredging Depth (Swing Ladder Mode)	23'-11"	7 m
	Swing Width @ Max. Dredging Depth (Conventional Mode)	65'	19.8 m
	Main Engine (Caterpillar)	C-15	
	Power	540 HP	402 kW
Rating	Tier 3		
Cooling	Keel Cooler		
CUTTER DRIVE	Power at Cutter Shaft	50 HP	37 kW
	Cutter Speed	0-39 RPM	
	Cutter Diameter	31'-5"	800 mm
	Cutting Force	4,000 lbs	1,815 kg
SPUDS AND SPUD CARRIAGE	Size	12"	300 mm
	Length	31'	905 m
	Spud Carriage (Stroke)	5'	1.5 m

Specifications Are Subject to Change Without Notice

Rev 7 /29/2019