Series 460SLM
Swinging Dragon® Dredge

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

The Series 460SLM **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.

ELLICOTT DREDGES, LLC | 1611 BUSH ST, BALTIMORE, MD 21230 | SALES@DREDGE. COM | PH: +1 410.625.0808

Series 460SLM
Swinging Dragon® Dredge

		460SLM English	460SLM 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
	Swing Width @ Min. Dredging Depth (Swing Ladder Mode)	23′-11″	7 m
	Swing Width @ Max. Dredging Depth (Conventional Mode)	65'	19.8 m
ENGINE AND INSTALLED POWER	Main Engine (Caterpillar)	C-18	
	Power	600 HP	447 kW
	Rating	Tier 3 Marine	
	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 Diameter	12″	300 mm
	Spud Length	31′	9.4 m
	Carriage Travel	5′	1.5 m
	Specifications Are Subject to Change Without Notice		

Rev. 040824