Series 360SLM
Swinging Dragon® Dredge

8″ x 8″ (200 mm x 200 mm) Hydraulic Cutter Suction Dredge

The Series 360SLM **SWINGING DRAGON®** cutterhead dredge is a highly portable swinging ladder dredge which is designed to work in narrow channels and small projects. Features include:

- One-truck transportable to site including simple assembly and launch for quick mobilization.
- Single diesel engine powers independent hydro-static pump drive and second pump for auxiliary controls.
- Equipped with proportional electronic controls for highly accurate dredging operations and operator ease.
- Adjustable pump speed allows for discharge to dewatering tubes and equipment at required input rates.
- Single kicker spud for quickly positioning and advancing the dredge without anchors and cables.
- Highly accessible hull mounted dredge pump for routine maintenance and pump adjustment, as needed.
- Ideal for restoration projects involving ponds, lakes, inlands and sensitive environmental dredging projects.
- True cutterhead model dredge able to excavate densely compacted material and loose sand.

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Swinging Dragon® Dredge

		360SL English	360SL Metric
GENERAL	Suction Pipe x Discharge Pipe	8" x 8"	200 mm x 200 mm
	Dredging Depth, Maximum	15'	4.5 m
	Dredging Depth, Minimum	2'-4"	0.7 m
	Length, Overall (with Ladder Raised)	58'-8"	17.9 m
	Width, Hull (including Side Pontoons)	16'-3"	4.9 m
	Depth Hull	3'-6"	1.1 m
	Number of Pontoons (tanks)	3	
	Plate Thickness of Center Pontoon	3/16"	
	Dry Weight	53,000 lbs	24,040 kg
	Hull Draft (not Including Spuds)	2'-4"	0.7 m
	Fuel Capacity	250 gallons	946 liters
	Swing Width @ Maximum Dredging Depth	18'-3"	5.6 m
	Swing Width @ Minimum Dredging Depth	22'	6.7 m
ENGINE AND INSTALLED POWER	Model (John Deere)	9.0 L Marine Engine 6090AFM85	
	Power	375 HP	280 kW
	Rating	Tier 3 Marine	
	Cooling	Radiator	
CUTTER DRIVE	Power at Cutter Shaft	40 HP	30 kW
	Cutter Speed	0-39 RPM	
	Cutter Diameter	31.5"	800 mm
	Cutting Force	4,000 lbs	1,815 kg
SPUDS	Front	2	
	Rear	1	
	Kicker Spud Advancement	28" (711 mm) or applicable length of the cutterhead	
	Specifications Are Subject to Change Without Notice		

Rev 6/18/25