



### 10" H-Series dredge with rotary cutter ladder.

Dredge Pump:	Svedala J36, 10" x 12" x 36" 4-vane Nihard impeller.	
Power Unit:	Caterpillar C16, 500 continuous horsepower @ 1,800 rpm.	
Dredge Pump Drive:	V-belt reduction with Straddle Outboard Bearing PTO.	
Hull/Flotation:	Hull:	¼" plate, 10' x 4' x 28'
	Pontoons:	¼" plate, 4' OD x 63' with 1,000 gallon fuel capacity.
Ladder:	50' overall length includes K6 cutterhead with sand & gravel basket. 41' maximum mining depth.	
Hydraulic system:	Commercial Intertech pumps & valves. 100 gallon reservoir.	
Cutterhead:	Twinkle Co K6 rated at 120,000 lb-in, 36" sand & gravel basket with 5" openings, 4.5" driveshaft, sealed planetary gearbox drive.	
Rigging:	3 Tulsa hydraulic positioning winches, 20,000 pound linepull. 1 planetary hoist winch, 8,000 pound linepull. 3 ton jib crane.	
Dimensions: (assembled)	Overall length:	78'
	Overall width:	18'
	Overall height:	18'
	Hull depth:	4'
	Average freeboard with fuel:	2'
	Total dry weight:	120,000 pounds

# **TWINKLE CO**

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