



12" Crusader class sand & gravel dredge

- Dredge Pump:** GIW LSA-36, 12" x 14" x 36".
- Power Unit:** All new OEM Vector motor and AC variable frequency drive.
600 horsepower @ 720 rpm.
4160 x 480 VAC transformer.
Drive components and MCC located in environmentally controlled enclosure.
- Dredge Pump Drive:** 600 horsepower motor direct connected to Torqueshaft drive.
- Accessory Drive:** 300 horsepower motor driving tandem hydraulic pump and 4" x 6" service water pump. Located in separate machinery room.
- Cab:** Steel with tinted glass, joystick controls, LCAP automation, CONVAC, heat & A/C.
- Paint:** Amerlock epoxy with Amershield topcoat.
- Hull/Flotation:** Hull: 3/8" plate with watertight bulkheads.
Pontoons: 3/8" plate with watertight bulkheads.
- Ladder:** 72' overall length includes Linear Cutter. 60' maximum mining depth.
- Cutter:** Marauder style Linear Cutter, 30,000 pound cutting force.
- Rigging:** 3 Pullmaster positioning winches, 18,000 pound linepull.
1 Pullmaster hoist winch, 25,000 pound linepull.
- Dimensions:
(assembled)** Overall length: 115'
Overall width: 26'
Total dry weight: 300,000 pounds

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