



NEXT GENERATION LOGISTICS

Compass I Spec Sheet

Compass I is a portable 12-inch hydraulic cutter suction dredge for flexible navigation, berth, and small capital projects.

- Hull gives a compact footprint that is easy to transport and mobilize on confined sites.
- Digging capability from 5 ft to 22 ft allows efficient removal of material across typical harbor, river, and access-channel depths.
- Swing width of 60 ft in shallow cuts and 45 ft at full depth supports productive dredging cycles while maintaining good control in tight areas.
- The hydraulic cutter motor and conventional spud system provide effective bottom cutting and precise dredge positioning.





NEXT GENERATION LOGISTICS

Portable 12' Hydraulic Cutter Suction Dredge

General

Hull	40 ft x 16 ft x 4 ft
Ladder	26 ft
Length, Overall (with Ladder Raised)	66 ft

Capabilities

Digging Capabilities	5 ft to 22 ft depths
Swing Width (Shallow of Depth)	60 ft
Swing Width (Full Depth)	45 ft

Engine Specs

- 450 HP Cummins Engine
- 3:1 Gear ration Tonan Gearbox
- 12 ft x 10 ft Thomas Pump
- 60 HP Hydraulic Cutter Motor
- Conventional Spud System

Tender I

18 ft Single Screw
150 HP

Tender II

20 ft Twin Screw
400 HP

Skiff

13 ft Boston Whaler 30 HP

Crew Skiff

20 ft Single Screw 150 HP

Sectional Barges

20 ft x 60 ft x 4 ft

Pipe

- 6500 LF 10 ft HDPE
- 1000 LF 10 ft Quick Connect
- McElroy 10 ft to 18 ft Fusing Machine
- Pipe Floats
- Pipe Weights
- Anchoring System