

Trailing Suction Hopper Dredge "Newport"



The dredge "Newport" is a split-hull trailing suction hopper dredge. Dredged material can be disposed of by either bottom-dumping or by pumping out using a side discharge system.

Along with her small size and shallow draft, this twin screw vessel features Ulstein Z drives which give her 360° maneuverability. This makes her well suited to work in harbors, inland waterways, and narrow channels where other dredges may be limited. She is also capable of performing offshore projects.

The "Newport" is equipped with state-of-the-art instrumentation for both positioning and production monitoring purposes.

Applications of the "Newport" include, but are not limited to:

- Channel & Harbor Maintenance
- Beach Nourishment
- Upland Disposal



"Newport" Specifications

Dimensions

Length:
265 ft / 80.8 m

Beam:
52 ft / 15.8 m

Light Draft:
8 ft / 2.4 m

Loaded Draft:
19 ft / 5.8 m

Suction Diameter:
26 in

Discharge Diameter:
24 in

Performance

Hopper Capacity:
4,000 yd³ / 3,058 m³

Maximum Digging Depth:
60 ft / 18.3 m

Sailing Speed Light:
10 KT

Sailing Speed Loaded:
8.5 KT

Power Data

Total Installed Power:
5,400 hp / 4,028 kW

Fuel Capacity:
64,000 gal / 242,240 l

