



DREDGE SUGAR ISLAND

TRAILING SUCTION HOPPER DREDGER



TECHNICAL SPECIFICATIONS*

Hopper dredges are designed to vacuum material from the sea floor through drag arms that load the material into the hold of the vessel. The cargo of mud or sand can then be sailed to either an ocean disposal site where the material is dropped to the bottom through openings in the bottom of the hull, or alternatively an upland site, such as a beach or reclamation where the material is pumped ashore by the ship.

General

Flag : Bahrain
IMO : 7807720
Port of Registry : Bahrain
Call Sign : A9D3506
Material of Hull : Steel
Country of Build : United States of America
Year of Build : 1979
GRT : 2820 T
NRT : 846 T
Registered Owners : TILT MARINE CO. W.L.L.

DIMENSIONS

Hull	281 x 52 x 21.5 ft	86.2 x 16 x 6.6 m
Draft (maximum)		
Light	9.5 ft	2.9 m
Loaded	19.55 ft	5.9 m
Suction Diameter	27 in	686 mm
Discharge Diameter	24 in	610 mm

PERFORMANCE

Hopper Capacity	3,600 yd ³	2,750 m ³
Nominal Digging Depth	70+ ft	21.3+ m

MACHINERY & POWER

Propulsion Power	4,350 hp	3,244 kW
Total Installed Power	9,395 hp	7,010 kW
Pump-Out Power	1,700 hp	1,268 kW
Fuel Capacity	107,800 gal	408,067 l

*Specifications understood to be correct at time of going to press