



Seahawk 4500 | Trailing Suction Hopper Dredge



Neptune has developed its own range of small to medium-sized Trailing Suction Hopper Dredges (TSHD), the Seahawk Dredge range. Based on proven dredging technology and customizable, Seahawk Dredges ensure safe and secure dredging solutions including maintaining waterways and material extraction.



CLASSIFICATION

Bureau Veritas | **HULL** | **MACH**
AUT-UMS, Hopper
 Dredger, Unrestricted Navigation,
 GMDSS Area A1

FEATURES

- Shallow draft.
- Degassing system installed.
- Open bottom doors remain above the flat bottom of the vessel enabling very shallow dumping.
- Highly manoeuvrable using rudder propellers.
- Fully computerised engine room with certificate for unattended operation.
- Automatic discharge valve can be fitted into the overflow.
- Dumping through bottom doors, shore discharge and bow bulb.
- Fully compliant with the latest international requirements such as modern engines with low emissions.
- Oil pollution prevention equipment, and approved anti fouling paint.
- State of the art technology to minimise environmental impacts.

MAIN SPECIFICATIONS

Gross tonnage	4,088
Length overall	295.276 ft 90.00 m
L.p.p.	272.60 ft 83.09 m
Breadth	62.3 ft 19,00 m
Moulded depth	23.78 ft 7.25 m
Max. draught Int. load line	19.45 ft 5,93 m/ DWT 5392
Max. draught dredging	22.4ft 6,82 m/ DWT 6750
Hopper capacity	5885.778 YD3 4,500 m ³
Suction pipe diameter	900 mm
Max. dredging depth	98.4 ft 30 m
Sailing speed loaded	11 kn
Total installed power	9,063.2 hp 6,666 kW
Sand pump output	2284.2 hp 1,680 kW
Jet pump output	2 x 1014.28 hp 2x 746 kW
Pump ashore output	2284.16 hp 1,680 kW
Propulsion power sailing	2 x 2027.2 hp 2 x 1,491 kW
Bow thruster	680 hp 500 kW

For more information, please contact us on:

T +1 (346) 708 8070 **E** sales@neptuneamericas.com **W** www.neptuneamericas.com