



MAD 5600

STANDARD

GENERAL

Basic functions
Classification

Marine Aggregate Dredging
Bureau Veritas
I, ✳Hull, ✳Mach, Hopper Dredger,
unrestricted navigation, AUT-UMS,
CLEANSHIP

DIMENSIONS

Length overall 118.00 m
Length between p.p. 110.88 m
Beam molded 22.00 m
Depth molded 9.10 m
Draught (summer) 6.95 m
Deadweight (dredging) 9850 t
Hopper volume 5600 m³
Crew 14 persons

TANK CAPACITIES

Fuel oil 760 m³
Potable water 60 m³
Sewage 16 m³

PERFORMANCES

Speed (at summer draught) 13.7 kn
Trailing dredging depth 35 m

PROPULSION SYSTEM

Main engines 2x medium speed, approx. 3300 kW
Propulsion power 2x 3000 kW
Propellers 2x 3000 mm, CPP, in nozzle
Bow thruster 1x 700 kW, FPP, in water (de)mountable

DREDGE SYSTEM

Trailing suction system

Loading system
Discharge system

Supporting systems

ELECTRICAL EQUIPMENT

Networks 690V/440V/230V @ 60 Hz
Shaft generators 2x 2200 ekW @ 1200 rpm
Emergency/harbor set 1x 348 ekW @ 1800 rpm

DECK LAY-OUT

Anchor mooring winch 2x electric, with warping head
Capstan 1x electric, 5 t pull
Deck crane, on dry unloader 1x telescopic, 5 t @ 8 m (harbor)

ACCOMMODATION

Cabins 14 single, MLC compliant, all cabins provided with internet, telephone and tv
Other spaces office, meeting room, day room, gym

NAUTICAL AND COMMUNICATION EQUIPMENT

Nautical radar X-band + S-band, ECDIS, autopilot
GMDSS Area A3

OPTIONS

Increased dredging depth
Spud poles
Bottom doors
Self-emptying system
IMO Tier III
Other type dry unloader

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DAMEN

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