



M/V Aase Madsen



Wire excavator vessel suitable for various marine construction and nearshore works

► The M/V Aase Madsen is a versatile, self-propelled work vessel suitable for a wide range of tasks within marine construction and for nearshore works.

Equipped with a Sennebogen 640 R-HD wire excavator, a selection of grabs, spud legs, own cargo hold and an advanced positioning system, the vessel is ideal for stone installation, boulder clearance and dredging projects.

Key features:

- Self-propelled with own cargo hold
- 2 spud legs, anchors and positioning system
- Sennebogen 640 R-HD wire excavator
- Excavator converted to biodegradable hydraulic oil
- Full Head Office Engineering support
- Can dredge into hold, to barges or self-unload to shore
- Suitable for soft materials, such as sediment, mud, sand
- Stone installation for breakwaters, scour protection etc.
- Permanently equipped for boulder clearance jobs
- Highly manoeuvrable, fast transition from dredge to sail
- Available on daily, m³ rates or fixed price contracts
- Max draft of only 3.10 meters
- Accurate PDS2000 GPS dredge control system



M/V Aase Madsen

Basic details

Name:	Aase Madsen
Built:	1977/1986
Flag:	Denmark
Class:	Danish Maritime Authorities
IMO no.:	7731751
Call sign:	OYT12
National no.:	H 725
MMSI no.:	219 001 461
Trade permit:	GMDSS Area A1 and A2 with limitations

Main particulars

GRT/GT/NT:	174.98/234/70
Length:	34.90 m
Beam:	8.50 m
Draft, empty:	2.10 m
Draft, max:	3.10 m
Speed, empty:	7.00 knots
Speed, full:	5.50 knots
Speed, min:	2.00 knots (slow steam)

Machinery

Main engine:	Scania DSI 12 59M
HP:	350 HP
Aux engines:	1 x Scania D11 - 182A/96 kW 1 x Deutz BF6L - 91A/48 kW 1 x Scania DI9 - 184 kW
Bow thruster:	Yes, 90 HP

Accommodation

Crew:	3 persons
Acc.:	Max 4 persons
Safety equip.:	10 persons
Operation:	12 hours

Cargo capacities

Hold size:	200 m ³ (9.95 x 5.80 x 3.43 m)
Max load:	225 mt
	Subject to local or international load line restrictions
Hatches:	No

Work equipment

Excavator:	Sennebogen 640 R-HD 50 mt Excavator Boom: 16.00 m
Capacity:	12-15 mt
Dredge depth:	Up to 30 m in standard configuration, option 60 m
Grabs:	Small and large orange peel stone grabs, closed flat grabs 2.5/2.0 m ³
Weight syst.:	Yes

Positioning and survey systems

Spud legs:	2, depths up to 10.50 m
Anchors:	3 point mooring, 3.2 tonne winches
Pos. system:	PDS2000 dredge control system XYZ positioning +/- 10 cm For dredging +/- 20 cm
Pos. equip.:	Trimble SPS85x DGPS RTK and GPS compass JRC model JLR-31 3D Dynamic
Multibeam:	Can be fitted with Teledyne Reson SeaBat T50-R multibeam echosounder

Communication

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