



M/V Grete Fighter



Backhoe dredger suitable for various marine construction and nearshore works

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

Equipped with a powerful Liebherr P976 90-tonne backacting excavator, spud legs, own cargo hold and an advanced positioning system, the vessel is ideal for small or large dredging projects, stone installation as well as shallow water trenching and backfilling.

Key features:

- Self-propelled with own cargo hold
- 3 spud legs, anchors and positioning system
- Liebherr P976 backacting 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 hard materials, such as clay, dense sands etc.
- Stone installation for breakwaters, scour protection etc.
- Trenching for cables, pipelines or marine outfalls
- Highly manoeuvrable, fast transition from dredge to sail
- Available on daily, m³ rates or fixed price contracts
- Max draft of only 2.90 meters
- Accurate PDS2000 GPS dredge control system



M/V Grete Fighter

Basic details

Name:	Grete Fighter
Built:	1980/2010
Flag:	Denmark
Class:	Bureau Veritas Class I Coastal Area Dredger
IMO no.:	7944762
Call sign:	OZLP2
National no.:	D 2687
MMSI no.:	219 000 558
Trade permit:	GMDSS Area A1 and A2 with limitations

Main particulars

GRT/GT/NT:	299.99/582/174
Length:	46.50 m
Beam:	12.00 m
Draft, empty:	2.20 m
Draft, max:	2.90 m
Speed, empty:	8.00 knots
Speed, full:	7.00 knots
Speed, min:	1.50 knots (slow steam)

Machinery

Main engine:	2 x Volvo Penta D12P-B MH
HP:	2 x 350 HP
Aux engine:	2 x Scania D9 95 – 2 x 152A/80 kW
Bow thruster:	No

Accommodation

Crew:	5 persons
Acc.:	Max 10 persons
Safety equip.:	12 persons
Operation:	24 hours

Cargo capacities

Hold size:	380 m ³ (12.00 x 9.00 x 3.60 m)
Max load:	450 mt
	Subject to local or international load line restrictions
Hatches:	No

Work equipment

Excavator:	Liebherr P976B Litronic, 90 tonne Boom: 10.50 m Stick: 8.00 or 9.50 m
Dredge depth:	Approx 11.00 m
Buckets:	2.20 or 3.00 m ³ Various buckets suitable for stone handling and excavation. Hydraulic grab for rocks, stones or sand bags
Weight syst.:	No

Positioning and survey systems

Spud legs:	3, depths up to 11.00 m
Anchors:	3 point mooring, 5 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
Multibeam:	Can be fitted with Teledyne Reson SeaBat T50-R multibeam echosounder

Communication

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