



MODERN  
&  
ENVIRONMENTAL  
DESIGN  
FOR  
OPTIMAL VESSEL

The design of the vessel is developed via advanced engineering to provide high performance in dredging activities and any marine construction.

*We can save our seas and ourselves.*

FLEXIBLE DESIGN

The vessel can be redesigned easily according to your requirements.

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## DESCRIPTION

Backhoe Dredger is designed for dredging activities by an excavator and material handling from underwater by Material Handling Unit.

## CLASS NOTATION

Any IACS member Class Society, +Hull, •Machinery, Backhoe Dredger, Unrestricted Navigation

## MAIN PARTICULARS

Length Overall	:	37.80 m
Breadth	:	13.86 m
Depth	:	2.95 m
Draught	:	2.10 m
Deck Load	:	3.0 t/m <sup>2</sup>

## DECK EQUIPMENT

Anchor	:	1 x 315 kg (HHP)
Anchor windlass	:	1 pcs
4 point mooring	:	
Anchors	:	4 x 3 tons
Winches	:	4 pcs
Spud winches	:	3 pcs
Spud Length	:	3 x 26 m
Fendering	:	steel. fenders&rubber tyres

Dredging Equipment (Excavator) :  
Hitachi ZX870 LCH-3

Material Handling Equipment (optional) :  
Sennebogen 870C R90/550 B21

## AUX MACHINES

Diesel Generators : 2 x 50 kW

## TANK CAPACITIES

Diesel Oil	:	75 m <sup>3</sup>
Fresh Water	:	225 m <sup>3</sup>
Sewage	:	14 m <sup>3</sup>
Bilge	:	17 m <sup>3</sup>

## ACCOMMODATION

- Messroom / Pantry
- Changing Room / Laundry
- Public WC and showers
- Store
- Control Cabin

## SAFETY EQUIPMENTS

Life Raft	:	1 x 6 persons
Work Boat	:	1 x RIB

- Fire monitors
- Electric driven fire pumps