



SAFE & ACCURATE DESIGN FOR OPTIMAL VESSEL

The design of the vessel is developed via advanced engineering to provide safe and accurate operation for offshore applications.

COMFORT DESIGN

Fully air conditioned accommodation area and large deck area provides comfortable living and operation conditions.

FLEXIBLE DESIGN

The vessel can be also delivered as self propelled pontoon with A Frame and Pipe Laying options. It can be redesigned easily according to your requirements.

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www.navisdesign.com

DESCRIPTION

The vessel is a non propelled pontoon crane designed for offshore operations with wide range of capabilities provided by its 8 point mooring and anti-heeling systems. It is currently working in the Caspian Sea for the assembly of the offshore platforms. In addition, it can equipped with stinger and tensioner for pipe laying purpose.

CLASS NOTATION

Any IACS member Classification Society, Pontoon, +Hull • Machinery, Unrestricted Navigation

MAIN PARTICULARS

Length Overall	:	99.60 m
Breadth	:	35.00 m
Depth	:	6.45 m
Draught (light)	:	2.00 m
Draught (opr.)	:	4.00 m

MAIN PROPULSION

Main Engine(opt.)	:	2 x 500 KW
Propulsion (opt.)	:	2 x ASD Type

DECK EQUIPMENT

8 Point Anchors	:	8 x 10 ton (Delta Flipper)
Bow Anchor	:	2 x 3 ton (HHP)
Anchor Winch	:	2 x windlass
Deck Crane	:	1600 t@10 m 1200 t@20 m
8 Point Winches	:	4 pcs on aft 45 ton(each) 4 pcs on fwd 60 ton(each)

SPECIAL FEATURES

- Self propulsion (opt.)
- Remotely monitored ballast tank gauging system
- Non automatic or automatic anti heeling operation
- Comfortable & spacious accommodation
- 8 point mooring system

TANK & CARGO CAPACITIES

Diesel Oil	:	130 m ³
Fresh Water	:	230 m ³
Deck Load	:	20 t/m ²

ACCOMMODATION & STORES

Fully air conditioned wheelhouse and accommodation for 17 persons.

- 5 Officer cabins with private WC & shower
- Crew cabins with double tiers bunk bed totally for 12 persons
- Galley, provision, mess room, meeting room
- Divers room, deck store, laundry
- Wheelhouse including console, chart room, radio station

SAFETY EQUIPMENTS

Rescue Boat	:	1 x 6 persons
Life Raft	:	2 x 12 persons
		• Fixed CO ₂ system for Engine Room

AUX MACHINES

Diesel Generator	:	2 x 550 kw
Emg. Generator	:	1 x 99 kw
Hyd. Power Unit.	:	2 pcs aft & 2 pcs fwd
Service Comp.	:	2 x 590lt/min@7bar
Ballast Pump	:	2 x 300m ³ /h @2.0bar
Anti Heeling Pump:		700m ³ /h @0.65bar