



**READY FOR  
OPERATIONS IN  
APRIL 2021**

- Submersible to 7 m forward and 7 m aft above deck
- Heavy cargo up to 12.127 tons
- Deck space for cargo up to 2.730 m<sup>2</sup>

## **BHV INNOVATION**

**Semi Submersible and  
Heavy Lift Pontoon**

## General Information

Vessel's name	BHV Innovation
Flag	German
Port of registry	Bremerhaven
Class society	DNV GL
Class notation	GL100 A5 RSA (200)
Type	Pontoon semi-submersible strengthened for heavy cargo
Year built	2011/2021
Builder	BVT GmbH
Place built	Bremerhaven
Owner	SBN Bremerhaven
Manager	BVT CuL

## Dimensions

Length, overall	95,50 m
Breadth, moulded	32,16 m
Depth, moulded	7 m
Draught, fully loaded	5,11 m
Gross tonnage	not available yet
Net tonnage	not available yet

## Tonnage

Deadweight	12.175 t
Deck space	2730m <sup>2</sup>
Deck strength	200 KN/m <sup>2</sup>
Launching capacity	3000 t

## Submerging Depths

Submerging (free floating)	7 m above deck fwd and aft
Floatation tanks for free floating	8 x center tanks

## Tank Capacities

Ballast tanks	35.884 m <sup>3</sup>
Sewage	2 m <sup>3</sup>
Fresh water	1,8 m <sup>3</sup>
Fuel (MDO)	30 m <sup>3</sup>
Hydr. oil store	1 m <sup>3</sup>

## Ballast System

Ballast pumps (Electric driven)	2 x 1200 m <sup>3</sup> /h/50Hz 23 mWS
Ballast tanks	22
Remote operated pumps, valves and sounding system from control room	

## Power Supply

Main generators	2 x 450 kw Type OL820C
Shore power connections	CEE 125 Amps

## Anchor & Mooring Equipment

Bollards	6 x double bollard
Emergency anchor	1 x bow anchor 3075 kg, wire rope 351 m/981kN/Ø50mm
Rope capacities	4 x 250 m Ø32 mm MBK 88,7 t 4 x 130 m Ø22 mm MBK 45,9 t
Mooring winches	4 x 20 t hydraulic driven
Work winches	4 x 10 t hydraulic driven

## Towing Equipment

Towing bridle	1 bridle, 2x16 m legs, tow plate and 3m fore runner
Bridle chain	SWL 750 kN/break force 3000 kN
Recovery system	By work winch
Emergency towing	Towing wire installed along starboard side length 50 m SWL 750 kN
Towing brackets	5 fwd SWL 800 kN

## Navigational Lights and Safety Equipment

The barge is equipped with navigation lights according to flag flag state rules. The system is electrically powered and installed with solar panels. Safety equipment according to rules is always kept onboard.

## Equipment

Track system	4 tracks (gauge of track 1000 mm)
Lash-socket system	Total of 872 heavy-load lash sockets
Work boat	With davit RIB 60HP
Monitoring for draft and tank measuring	Automatic
Load cell	For RoRo operations (to minimize forces on quay)
Buoyant towers	Removable

## Accommodation

Accommodations	4 beds
Day room	1
Control room	1

