



DYNAMIC · DISTINCTIVE · DEDICATED

BH450 GENERAL SPECIFICATIONS



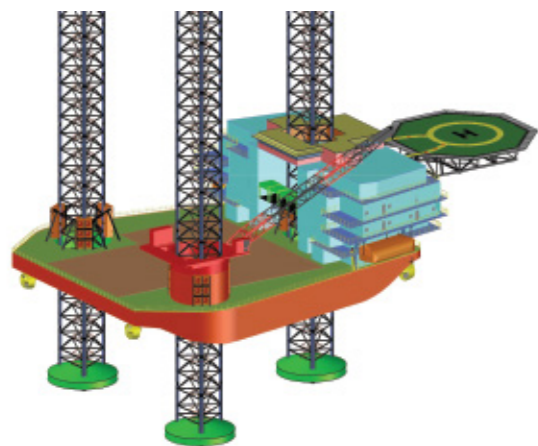
BH450

60.0 m x 54.0 m x 6.0 m
Self Elevating Lift Boat

BH450 is a state of the art Lift Boat representing the latest in Lift Boat technology.

As an ABS Class Self-Propelled & Self-Elevating unit accompanied with a large deck area and high capacity cranes, the BH450 is a true workhorse for shallow water field services such as:

- 1) Work over
- 2) Coiled tubing
- 3) Wire-line operations
- 4) Platform maintenance and upgrade programs
- 5) Accommodation for 250 men



SPECIFICATIONS

Azimuth Thruster	2 x 1,500 kW 2 x 710 HP
Length of Leg	3 x 137.25 m
Working Water Depth	Max 112 m (Subject to environmental condition)
Crane	1 x 200 T @ 9.14 m 1 x 70 T @ 8.0 m
Accommodation	250 men
Helideck	Suitable for Sikorsky S-92 and S-61N

CLASSIFICATION

American Bureau of Shipping
 A1, AMS, Self Elevating Unit, Unrestricted Service,
 Wind IMR, CRC, Accommodation Service, DPS-1, SOLAS
 Builder Triyards SSY, Vietnam
 Year Built 2014
 Flag Singapore

MEASUREMENT

Length Overall 60.0 m
 Breadth Moulded 54.0 m
 Depth Moulded 6.0 m

TONNAGE

Deadweight TBA

LEG

No. of Legs 3
 Leg Length 137.25 m
 Leg Chord Spacing 7.5 m
 Leg Penetration 3.05 m
 Working Water Depth Max 112 m (Subject to environmental condition)

MANEUVERING & PROPULSION SYSTEM

Azimuth Thruster 2 x Berg @ 1,500kW each
 2 x Berg @ 710kW each

DYNAMIC POSITIONING SYSTEM

DP-1 System Kongsberg

ELECTRIC POWER GENERATION

Main Generator 2 x CAT 3516C rated
 1,825kW/ 690V/ 60Hz/ 3Ph
 2 x CAT 3512C rated
 1,360kW/ 690V/ 60Hz/ 3Ph
 Emergency Generator 1 x CAT C18 rated 400kW/
 440V/ 60Hz/ 3Ph

CARGO DECK

Deck Area 1,600.0 m²
 Deck Strength 5 T/ m² for section of useful
 deck cargo space 10T/m²

STORAGE CAPACITY

Fuel Oil 891.3 m³
 Potable Water 325.0 m³

ACCOMMODATION

Berth / Cabin 16 x 1 men
 117 x 2 men
 Total 250 men

SELF-ELEVATION SYSTEM

Power Units 3 x 400 HP hydraulic motor,
 one for each leg coupled to
 hydrostatic transmission
 pumps
 Gear Units 24 pinions per leg

Normal Jacking 3,319 T (Max) per leg
 Storm Holding 5,674 T (Max) per leg

JACKING SPEED

Normal Jacking 0 – 0.731 m/min (Loaded)
 Min 1.82 m/min Tagging (No Load)

DECK EQUIPMENT

Crane 1 x LEC Crane, SWL: 200 T @
 9.14 m
 1 x Pedestal Crane, SWL: 70 T
 @ 8.0m
 Boom Length 135 ft

HELIDECK

Model Astech Standard Aluminium
 Helideck
 Dimension 22.2 m (Octagonal), suitable
 for Sikorsky S-92 and S-61N

NAVIGATION AND COMMUNICATION EQUIPMENT

GMDSS (Area 3)
 VHF DSC
 MF/HF SSB
 MF/HF DSC
 EPIRB
 SART
 Navtex Receiver
 Portable GMDSS VHF
 Inmarsat
 Radar
 Gyrocompass
 Magnetic Compass
 Auto Pilot
 DGPS
 Joystick
 Echo Sounder
 Speed Log
 Anemometer
 Weather Fax
 AIS
 VDR
 Walkie Talkie

FIRE FIGHTING EQUIPMENT

Pump
 Foam Installation
 (Helideck)

SAFETY EQUIPMENT

Life Raft 4 x 25 persons
 12 x 35 persons
 Rescue Boat 1 x 6 persons
 Life Boat 3 x 125 persons, Vanguard

MISCELLANEOUS

Oily Water Separator 1 x Jowa 3 SEP, 1 m³/hr
 Sewage Treatment 2 x Hamworthy ST-20
 Water Maker 2 x 40 T/day, AQUA-SEP,
 Reverse Osmosis