



DYNAMIC · DISTINCTIVE · DEDICATED

BH335 ▶ GENERAL SPECIFICATIONS



BH335

59.0 m x 40.0 m x 5.0 m
Self-Elevating Lift Boat

BH335 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 BH335 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 160 men



SPECIFICATIONS

Azimuth Thruster	2 x 1,490 kW
Bow Thruster	1 x 440 kW
Length of Leg	3 x 102.5 m
Working Water Depth	Max 80 m (Subject to environmental condition)
Crane	2 x 250 T @ 12.2 m
Accommodation	160 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 2015
 Flag Singapore

MEASUREMENT

Length Overall 59.0 m
 Breadth Moulded 40.0 m
 Depth Moulded 5.0 m

TONNAGE

Deadweight TBA

LEG

No. of Legs 3
 Leg Length 102.5 m
 Leg Diameter 3.05 m
 Leg Penetration 3.05 m
 Working Water Depth Max 80 m (Subject to environmental condition)

MANEUVERING & PROPULSION SYSTEM

Azimuth Thruster 2 x 1,490kW each
 Bow Thruster 1 x 440kW

DYNAMIC POSITIONING SYSTEM

DP-1 System Kongsberg

ELECTRIC POWER GENERATION

Main Generator 4 x CAT 3512C rated
 1,360kW/ 690V/ 60Hz/ 3Ph
 Emergency Generator 1 x CAT C18 rated 400kW/
 440V/ 60Hz/ 3Ph

CARGO DECK

Deck Area 1,475.0 m²
 Deck Strength 5 T/ m² for section of useful deck cargo space

STORAGE CAPACITY

Fuel Oil 606.0 m³
 Potable Water 620.0 m³

ACCOMMODATION

Berth / Cabin 2 x 1 men
 79 x 2 men
 Total 160 men

SELF-ELEVATION SYSTEM

Power Units 6 x 300 HP hydraulic motor,
 Two for each leg coupled to variable displace pressure compensated pumps
 Gear Units 14 pinions per leg

Normal Jacking 1,228 T (Max) per leg
 Storm Holding 1,969 T (Max) per leg

JACKING SPEED

Normal Jacking 0 – 1.22 m/min (Loaded)
 Min 1.82 m/min Tagging (No Load)

DECK EQUIPMENT

Crane 2 x LEC Crane, SWL: 250T @ 12.2 m
 Boom Length 120 ft

HELIDECK

Model Aluminium Helideck
 Dimension 22.5 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 8 x 35 persons
 2 x 25 persons
 Rescue Boat 1 x 6 persons
 Life Boat 3 x 80 persons

MISCELLANEOUS

Oily Water Separator 1 x 1 m³/hr
 Sewage Treatment 2
 Water Maker 2 x 20 T/day, Reverse Osmosis