

HEA AL SARAB



HEA

Al Sarab

Delivered in 2025, designed to support a wide range of offshore operations including construction, maintenance, and accommodation. With a robust structure, spacious deck layout, and adaptable configuration, Al Sarab is well-suited for both shallow and mid-depth marine environments.

CLASSIFICATION AND RULES

Type: WMMP Type 3
Built: 2025
Yard: WuHan Marine Machinery Plant CO
Class: ABS, A1 E*, Self-Elevating Unit, Accommodation service, AMS, HELIDK, CRC, CPS, UWILD.
Flag: Panama
IMO: 1046025

MAIN DIMENSIONS

Hull

Length (waterline): 64.2m
Length (overall): 80.4m (incl. helideck)
Width overall: 35.4m
Hull depth: 5.6m
Draft: 3.2m load line to
Main deck area: 800m²
Max. Deck Load: 5t/m²

Helideck

Diameter: 17m diameter, 6.8ton
Helicopter Type: Bell 412

Legs and Spudcans

Number/Type: 4/Cylindrical
Spud can: 7.0 x 6.8 x 1.6 m
Bearing pressure 49 t/m²
Leg length: 85.5m
Water Depth: 55m

Jacking System

Type: Rack and pinion
Drive: Electric
Elevating speed: 0.6m/min
Pre-load capacity per leg: 1860t/leg
Maximum jacking load: 4272.5t

DECK EQUIPMENT

Anchor Winches: 1 x Electro-hydraulic single drum SB. fwd. 350 kN static holding force is 2616 kN
Length of Wire: 1000 m, 72 mm dia.
Mooring Winches: 3 x Electro-hydraulic 450 kN brake, 400m x 32mm dia. wire

CRANES

Main crane - Leg encircling
Boom length: 44m
Capacities: 100t @ 25m - 40t @ 40m
Aux Hoist - 60t @ 25m

Auxiliary crane Pedestal, WMMP

Boom length: 32m
Capacities: 15t at 25m

SAFETY SYSTEMS

Fire and gas detectors throughout the whole vessel in full compliance with MODU requirements

4 x 100 POB Lifeboats. (200% total complement)
1 x 6 men MOB/Rescue Craft.
8 x 25 men Life rafts

FIFI System
Fire Pumps - 1 x 450m³
fire monitors - 2

PROPELLION UNITS

Thrusters (WMMP): 2 x 1300kW FPP Azimuth
2 x 400kW CPP Bow

Avg service speed: 6 knots

MACHINERY/ GENERATORS

Main Diesel Gen: 4 x Cummins
1200kW @ 1500 rpm
Emergency Gen: 1 x 250 kW @ 1500 rpm

ACCOMMODATION AND FACILITIES

Standard accommodation:
Accommodation for 268 POB.
4 x 1 man Cabin
46 x 4 man cabin
10 x TLQs (80 POB)

Cabins equipped with en-suite shower/toilet, telephone, TV/DVD and network connections

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, male and female changing rooms, coffee rooms, sick bay, Heli reception/departure facilities, laundry, stores and workshops