

# HEA Saadiyat



# HEA

# Saadiyat

Delivered in 2026 and designed to support a wide range of offshore oil & gas operations including construction, maintenance, and well services.

With a robust structure, spacious deck layout, and adaptable configuration, HEA Saadiyat is well-suited for both shallow and mid-depth marine environments.

## General Information

<b>Type:</b>	Self-Elevating Jack up Barge
<b>Design:</b>	WMMP
<b>Built:</b>	2026
<b>Builder:</b>	CSSC-WMMP, China
<b>Class &amp; Notations:</b>	ABS A1, Accommodation Services, Self-Elevating Unit, ©*, AMS, CPS-B, CR, CRC(OC-PL), ENVIRO-OS, HELIDK, RRDA, UWILD
<b>Flag:</b>	Panama
<b>IMO:</b>	1115539

## Principle Dimensions

<b>Length overall LOA:</b>	88.2m
<b>Hull length:</b>	64.2m
<b>Hull breadth:</b>	35.4m
<b>Total beam (BOA):</b>	35.4m
<b>Hull depth:</b>	5.6m
<b>Draft:</b>	3.25m
<b>Variable load:</b>	1000t
<b>Load capacity:</b>	5t/m2
<b>Main deck area:</b>	1000 m2

## Helideck

<b>Type/ Diameter:</b>	Steel / 22.2m
<b>Capacity:</b>	12.6 Tons
<b>Helicopter type:</b>	Sikorsky S61N-S92N / CAP 437

## Legs and Spud cans

<b>Number/Type:</b>	4 / Cylindrical
<b>Leg length:</b>	90m
<b>Spud can type:</b>	Square
<b>Spud can dimension:</b>	7.0 x 6.8 x 1.5 m
<b>Spud can bearing area:</b>	47.6 m2
<b>Spud can bearing pressure:</b>	45 t/m2

## Jacking System

<b>Type:</b>	Electric rack and Pinion
<b>Maker:</b>	WMMP
<b>Pinion per leg:</b>	12/leg (Total 48)
<b>Elevating speed:</b>	0.6m/min - 1.0m/min
<b>Normal jacking:</b>	1320t/leg - 110t/pinion
<b>Pre-load jacking:</b>	1950t/leg - 165t/pinion
<b>Max normal holding:</b>	1950t/leg - 165t/pinion
<b>Storm holding:</b>	2640t/leg - 220t/pinion

## Generators and Machinery

<b>Main generator:</b>	4 x Cummins CCF1200Z-WHT 1200kW @ 1500 rpm
<b>Emergency generator:</b>	1 x Cummins 250 kW @ 1500 rpm
<b>Water maker:</b>	1 x 50m3/day
<b>STP:</b>	250 POB

## Cranes

### Main crane

<b>Maker/ Model:</b>	WMMP CCOC2000-100-40-EH
<b>Type:</b>	Leg encircling crane
<b>Boom length:</b>	44.19m
<b>Capacities:</b>	100t @ 9.5m-25m, 40t @ 40m Aux 20t @ 43m
<b>Hooks above main deck:</b>	Main hook: 49m Aux hook: approx. 50m

### Auxiliary crane

<b>Maker/ Model:</b>	WMMP SOC500-15-30-EH
<b>Type:</b>	Pedestal offshore crane at SB
<b>Capacity:</b>	15t @ 5m-25m, 11t @ 30m

## Safety Systems

<b>Lifeboats:</b>	4 x 100 POB
<b>Life rafts:</b>	8 x 25 Men
<b>MOB/Fast rescue craft:</b>	1 x 6 POB
<b>FIFI system</b>	
<b>Fire pumps:</b>	1 x 450 m3/hr
<b>Fire monitors:</b>	2 x 455 m3/hr

## Propulsion:

<b>AFT thrusters:</b>	2 x 1300kW NGC-NRP180 (FPP)
<b>FWD thrusters:</b>	2 x 400kW NGC-NCT130 (CPP)
<b>Service speed:</b>	6.5 knots

## Tank Capacity

<b>Fuel oil:</b>	391.4 m3
<b>Fresh water:</b>	229.2 m3
<b>Ballast water:</b>	1088 m3
<b>Brine water:</b>	432.2 m3
<b>Endurance:</b>	60 Days

## Operation Conditions

Criteria	Wind	Hs	Current
<b>Field transit:</b>	10.3 m/s	2m	-
<b>Jacking:</b>	10.3 m/s	2m	1.03m/s
<b>Water depth:</b>	60m		

## Accommodation and Facilities

Configuration:	Current
<b>1 Man cabins:</b>	12 Cabins
<b>2 Men cabins:</b>	2 Cabins
<b>2 Men in TLQs:</b>	-
<b>4 Men cabins:</b>	46 Cabins
<b>4 Men in TLQs:</b>	-
<b>Total POB:</b>	200 POB

### Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, changing rooms, coffee rooms, sick bay, Helli reception/ departure facilities, laundry, stores, workshops, and Starlink VSAT.