

# Leen



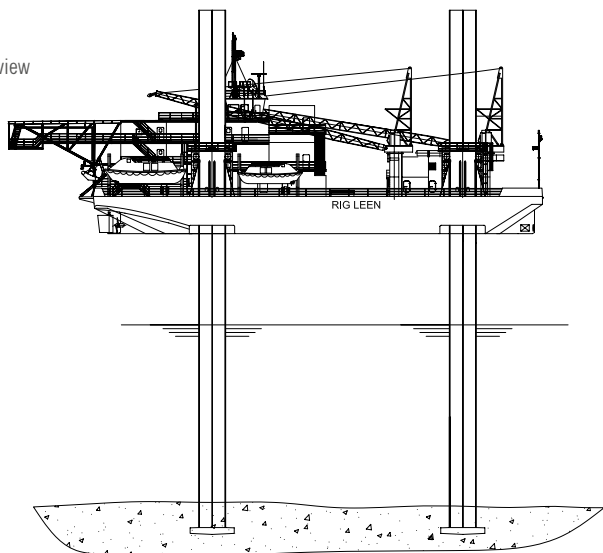
MAIN CRANE CAPACITY 37 t | ACCOMMODATION 154 POB | MAX WATER DEPTH 40 m | DECK SPACE 423 m<sup>2</sup>

Leen is a four-legged, self-elevating, self-propelled jack-up unit for accommodation and offshore support services. Built in Malaysia, she was converted to a jack-up ASV in 1999 by Lamprell in Sharjah, UAE. Leen was upgraded in 2009 and the last Special Survey took place in 2013. This self-propelled, self-elevating jack-up ASV is capable of providing well services, platform maintenance, and accommodation support.

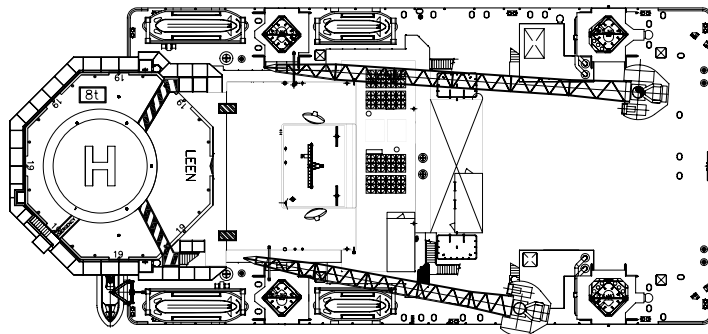
She has a maximum Person on Board (POB) capacity of 154 and a maximum water depth operating capability of 40 m. Leen has two cranes, with a maximum lift of 37 t. She has 423 m<sup>2</sup> of free deck space. Leisure facilities and additional health and well-being amenities allow for a pleasant and positive experience for those on board.

## Accommodation & Multi-support Unit

Side view



Top view



### GENERAL

Name	Leen
Flag / P.O.R.	Marshall Islands
Design	Self Propelled /Self Elevating
Year built / Conversion date	1998 / 2009
Last Special Survey	2013
Class	Det Norske Veritas (DNV)
Callsign	V7GH8
IMO nr.	9203849
Environmental Conditions	Air / Water 0c (32F)

### DIMENSIONS

Length	59.1 m
Max length	71.00 m
Breadth	31.96 m
Depth	4.89 m
Loadline draft	3.40m
Gross Tonnage	3962

### DECK

Deck capacity	2.3 t/m <sup>2</sup>
Deck space	423 m <sup>2</sup>

### LEGS

Number of legs	4
Type	Square Cross Section with teeth on 4 corners
Max Water Depth	40 m
Length	68.95 m
Tip of can below hull full raised position	0 m
Spud Can details	Length 5.80 m Width 5.1 m

### HELICOPTER DECK

Suitable	Bell 212 / 214
D-value	19 m
Safe Working Load (Tonnes)	8
Compliant	CAP 437

### POWER GENERATION

Electricity Diesel/Electric	3 x CAT 3516B diesel engines
Emergency Diesel Generator	1 x 3508B diesel engine
Propulsion	2 x CAT 3512

### JACKING SYSTEM

Type	Hydraulic - recycled
Capacity	1846 t preload per leg
Average speed	0.16 m/min

### VARIABLE LOAD

Operational	954 t
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### LIFE SAVING EQUIPMENT

Rescue Boat	1 x 6 POB
Lifeboats/Type	4 x TEMPSC accommodating 272 POB
Liferafts/Type	12 x 25 POB TOB Type 2 x 25 POB DL Type

### ENVIRONMENTAL SURVIVAL CRITERIA

	Normal	Survival
Water depth	40 m	40.0 m
Wave height	8.92 m	10.50 m
Airgap	9.54 m	9.54 m
Period	9.52 Sec	9.20 Sec
Current		1.3 m/s
Wind speed	24.0 m/s	28.0 m/s

### PROPULSION

Propulsion	2 x 1580kw
Thrusters	2 x 750 kw
Speed	6 knots

### MOORING SYSTEM

Mooring winches	N/A
Achors	N/A
Anchor type	N/A

### CRANES

Port Crane	Baker Marine 1000 Max: 36.8 t @ 7.62 m Min: 6.1 t @ 37.4 m
Starboard Crane	Baker Marine 900 Max: 22.6 t @ 6.7 m Min: 6.8 t @ 31.2 m
Stern Cranes	N/A

### ACCOMMODATION

Capacity	154
Facilities	Sr & Jr Recreation Room, Sr & Jr Mess Hall, Laundry, Mosque, Gym

### OTHER RELEVANT INFORMATION

Fuel Storage Capacities	452 t
Potable Water Storage Capacity	293 t
Water Maker Capacity per day	80,000 litres per day
Fuel Consumption - Steaming	15 tonnes per day steaming on full load
Fuel Consumption - On full Load	4 t
Gangway	1 x 30m + 1 x 14m

Details in this specification are correct at the time of publishing. However they may differ from time to time due to project specific alterations. Upon request project specific arrangements and specifications can be provided.