



CHAMELEON - 'Pocket MODU' Particulars and General Specification

Self-Elevating system

Electric – Rack and Pinion Elevating Speed (Max Load)	1.2 m / min (4.0 ft / min)
CDC – Rack-on-Rack Jacking System	2.8 m / min (8.6 ft / min)

Each Leg features

Jack House – 3 Layers BLM DH60 Jacking units per leg	18 pinions each 80kW (Electric)
CDC Rack Chock System Hold Capacity / Leg	3,600 t
Normal Jacking load per pinion	120 t
1 x HPU - comprising (Option - Hydraulic Jacking)	
Jack House - 3 Layers pinions per leg	18 pinions each 145kW (Hydraulic)

Navigation & Communication

Kongsberg Integrated Vessel Control & DP	K-Pos, K-Chief, K-Thrust, K-Safe
Full Worldwide Unrestricted Service Equipped Navigation Suite	
GMDSS Sea Area A3	
Harris CAPROC	
Inmarsat - Fleet 77	

Rated Deck Loadings

Main Deck	10 t / m ²
Primary & Secondary Skid Platform Deck	15 t / m ²
Hatch Cover deck (within main deck limit)	5 t / m ²
Hatch Cover deck (beyond stern)	0.8 t / m ²
Landing decks / accommodation top	1.2 t / m ²
Cantilever Beam extension length (up to)	30 m (93 ft)
Transverse Skid - Secondary Deck	+/-4 m (+/-13 ft)

Operations Fluid Volumes

Drilling Fluids:- Drill Water / Base Oil	
Brine / Completion Fluid	1,392 m ³
Active Fluids up to SG 2.2 in Agitated Tanks	
Mud / Completion Fluid	886 m ³
Hazardous Drain	92 m ³
Contaminated Drain	82 m ³
Combi / Waste Water Drain (2 x 318.7 m ³)	637 m ³
Clean Drain	286 m ³
Bulk – P - Tank	
(Barite / Bentonite / Cement 2 x 45 m ³)	90 m ³

Cantilever Capacity @ Extension Distance

10 m Extension	1,000 t
20 m Extension	800 t
30 m Extension	> 500 t

Crane Capacities

Around the Leg Crane	250 t
Z - Pedestal (Accommodation)	45 t
Platform Deck (Gantry Under)	80 t



Service Fluid Volumes

Fuel	843 m ³
Potable Water	972 m ³
Ballast	1,122 m ³

Moon Pool

(Mid-ships) Variant up to 7.80m x 7.20m
Skidding Deck Load Capacity (Position over Moonpool)
Through centre and Moonpool > 1,500 t



Engineering drawing by GreatWaters Maritime, Dubai.





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Classification: ABS (American Bureau of Shipping) – AIP

Self Elevating - Self Propelled – Unrestricted Service, with following notations:

+A1 - Self Elevating, MOU, AMS, ACCU, DPS-2, DFD (Dual Fuel) Circle "M" for mooring, Offshore Support Vessel (WIND-IMR) + (WI-Ready) + (WT-Ready), Construction and Maintenance Service, ENVIRO-OS+, HAB+(WB) / MLC-ACCOM.

Basic Outline Technical Specifications

Dimensions

Length Overall	70.2 m	(230.3 ft)	
Length Waterline	69.3 m	(227 ft)	
Breadth	42.0 m	(137.8 ft)	
Depth Moulded	6.6 m	(21.6 ft)	
Draft	4.6 m	(15.1 ft)	
Leg Length (Nominal to Max)	135 m	(442 ft)	up to 170m / (557 ft)
Length between Leg centers:	38.4 m		
Breadth between Leg centers:	34.2 m		
Length Cantilever Beams:	43.8 m		
Water Depth	a) 122 m	(400 ft)	(with air gap 12.2 m)
	b) 107 m	(351 ft)	(with air gap 15.2 m)
	c) 100 m	(328 ft)	(with air gap 19.8 m)

Using Max Leg Length of 170 m, Second Deck can achieve elevation above mean sea level at above water depths, including 3 m seabed penetration, plus air gap, with remaining leg length =

a)	25.0 m	(82 ft)
b)	37.5 m	(123 ft)
c)	39.9 m	(130 ft)

Working Areas

Deck Space (Main Deck)	1,647 m ²	(17,728 ft ²)
Including Deck Area Between Cantilever Beams	709 m ²	(7,631 ft ²)
Hatch Panels "HERON" on top of Beams (Portable)	668 m ²	(7,190 ft ²)
Skid Platform / Drill Floor Areas	195 m ²	(2,098 ft ²)
Max. Total Area of Outside Deck Available	2,510 m ²	(27,017 ft ²)
Below Deck Storage area available	218 m ²	(2,346 ft ²)

Performances

Economical Service Speed	6.5 knots
Maximum Speed (Large Engine Variant)	10.5 knots
Operating Ambient	(-20°C) to +45°C
Accommodation	75 (Single Cabin) 120 mixed (150 @ 2 man)
Helideck – CAP 437 for	Sikorsky S-61N / S-92 / Super Puma / EC 225H

Weights

Hull Weight	5,274 t
Leg & Spud Can Weight	1,867 t
Cantilever Beams and Skid Platform Weight	288 t
Light Weight	5,562 t
Max Elevated Weight	7,470 t
Max Displacement with consumables and VDL	11,350 t (approx)