



Service with Energy

HOS BRIARWOOD

HOSMAX310 EQH Multi-Purpose Service Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	302 ft 0 in (92.0 m)	Beam:	64 ft 0 in (19.5 m)	Draft Max:	21 ft 1 in (6.43 m)
Gross:	5,089 GT	Net:	1,526 NT	Draft Min:	11 ft 3 in (3.43 m)
IMO:	9672648	O.N.:	1244594	Flag:	U.S.
Certifications:	Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L				
Classifications:	Loadline, ABS, *DPS-2, FFFV-I, (E), *A1, *ACCU, *AMS, OSV, OSR-C2, ENVIRO, GP, UWILD, HELIDK, ACP, CRC				

PERFORMANCE

Cruise Speed:	10.0 kts	133 gal/hr (503 l/hr)	Max Speed:	12.0 kts	208 gal/hr (787 l/hr)
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PROPULSION, MACHINERY AND STEERING

Main Engines:	4 x Caterpillar 3516C	Total Power:	7,300 kW
Main Propulsion:	2 x Schottel Azimuthing Z-Drives	Total Horsepower:	6,700 hp
Bow Thruster:	2 x Schottel FPP Tunnel	Total Horsepower:	3,160 hp
		Power Generation:	690V/60 Hz/3-Phase

CAPACITIES AND DELIVERY RATES

Deadweight:	4,931 LT (5,011 MT)	Main Deck Area:	100ft x 55ft (5,200ft ²) 30.5m x 16.8m (483m ²)
Main Deck Cargo:	1,300 LT (1,321 MT)***	Main Deck Rating:	1,024 lbs/ft ² (5 MT/m ²)
		Tier 3 Deck Area:	29ft x 36ft (1,044ft ²) 8.8m x 11.0m (97m ²)
Tier 3 Deck Cargo:	56 LT (57 MT)	Tier 3 Deck Rating:	350 lbs/ft ² (1.7 MT/m ²)
Dry Bulk:	10,250 ft ³ (290 m ³)	System Pressure:	80 psi (5.5 bar)
Liquid Mud:	21,366 bbl (3,397 m ³)*	Discharge Rate:	1,000 GPM (227 m ³ /hr)
Potable Water:	62,549 gal (237 m ³)	Watermaker Cap.:	16,000 USG/day (60.57 m ³ /day)
Rig Fuel:	268,284 gal (1,015 m ³)	Discharge Rate:	750 GPM (170 m ³ /hr)
Rig Water:	527,702 gal (1,998 m ³)	Discharge Rate:	750 GPM (170 m ³ /hr)
Cooler Area:	1,226 ft ³ (35 m ³)	Freezer Area:	988 ft ³ (28 m ³)

ELECTRONICS

AIS, Anemometer, Auto Pilot, CCTV Cameras, Cyscan, Depth Sounder, DGPS w/AIS, DSDL, EPIRB, GMDSS "A3", Gyro Compass, Joystick Control, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/loudhailer, SARTs, SSAS, VHF Radio, VHF Radio (Handheld), VSAT, X-band Radar, S-band Radar, Speed Log, Radascan, VERIPOS

VESSEL ACCOMMODATIONS

37 air conditioned/heated staterooms certified for 130** person(s) berthing. The rooms are configured as follows:

2 air conditioned staterooms for 1 person(s) berthing each.

6 air conditioned staterooms for 2 person(s) berthing each.

29 air conditioned staterooms for 4 person(s) berthing each.

Accommodations include: Galley, Mess, 9 Office Stations, Laundry Room, Exercise Room, Sick Bay, & Theater

SPECIAL FEATURES

Oil Spill Recovery:	ABS Capability Class 2	Recovered Oil Capacity:	7,034 bbl (1,118 m ³)* (>60° C FP)
Off-ship Firefighting:	ABS FiFi 1	Number of Fire Monitors:	2
		Total Flow Rate:	10,586 gal/min (2,406 m ³ /hr)
Helideck Diameter:	73 ft 0 in (22.25 m)	Size Rating:	Sikorsky S-61N
Helideck Equipment:	Luggage Conveyor	Weight Rating:	Sikorsky S-92 (12.8 MT)
Stores Crane:	1 x Appleton Telescoping Boom	Max Lift @ Min Radius:	13 MT @ 16 ft
	Personnel Lift Certified for 0.6 MT	Max Lift @ Max Radius:	3 MT @ 53 ft
Knuckle Boom Crane:	National Oilwell Varco	Max Lift @ Max Radius:	40 MT @ 82 ft
	w/ Personnel Lift Certified for 5 MT	Max Lift @ Min Radius:	70 MT @ 25 ft (1 fall); 100 MT @ 25 ft (2 falls)
		Max Lift @ Max Depth:	42.7 MT @ 6,562 ft (2000 m) Water Depth
Fast Rescue Craft:	1 x 15 Person(s)	Max Lift @ Max Height:	44.6 MT @ 114 ft 4 in above Main Deck
Deck Mission Power:	800A, 480V/60 Hz/3-Phase	DP Reference:	1 x HiPAP 502 Valve Ready
		Roll Reduction:	Anti-Roll Tank

* Vessel may carry up to 20% of the vessel's deadweight (7,034 bbl) of Grade E combustible cargoes in integral tanks when accommodation annexes are installed. Vessel may carry unlimited amounts of non-combustible, pollution hazard only cargoes in integral tanks.

** Maximum POB is 50 when annex house is locked out, tagged out.

*** Max deck cargo assumes 50 POB stability criteria.

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