



Service with Energy

HOS MOSSBERG

HOSMAX280 Offshore Supply Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	280 ft 0 in (85.3 m)	Beam:	60 ft 0 in (18.3 m)	Draft Max:	19 ft 3 in (5.87 m)
Gross:	2,998 GT	Net:	1,071 NT	Draft Min:	10 ft 3 in (3.12 m)
IMO:	9530034	O.N.:	1227085	Flag:	U.S.
Certifications:	Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L				
Classifications:	Loadline, American Bureau of Shipping, FFV-1, DPS-2, (E), +A1, +AMS, UWILD, ACP, OSR-C2				

PERFORMANCE

Cruise Speed:	10.0 kts	145 gal/hr (549 l/hr)	Max Speed:	12.7 kts	290 gal/hr (1,098 l/hr)
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PROPULSION, MACHINERY AND STEERING

Main Engines:	2 x Caterpillar C280-8	Total Horsepower:	6,598 bhp
Propellers:	CPP, High Efficiency, 4-Blade	Propeller Diameter:	106 in (2,692 mm)
Primary Generators:	2 x Caterpillar C 32	Total Rating:	1,820 kW
Shaft Generators:	2 x Kato	Total Rating:	4,000 kW
Aft Bow Thruster:	1 x Rolls Royce Swing-down Azimuth	Total Rating:	1,220 hp
Fwd Bow Thruster:	1 x Brunvoll CPP Tunnel	Total Rating:	1,700 hp
Stern Thruster:	1 x Brunvoll CPP Tunnel	Total Rating:	1,700 hp
Rudder:	High Lift, Independent Steering	Power Generation:	480V/60 Hz/3-Phase

CAPACITIES AND DELIVERY RATES

Deadweight:	4,750 LT (4,826 MT)	Deck Area:	201 ft x 50 ft (10,151 ft ²) 61.3 m x 15.4 m (943.0 m ²)
Deck Cargo:	2,525 LT (2,565 MT)	Deck Load Rating:	1,200 lbs/ft ² (6 MT/m ²)
Dry Bulk:	12,000 ft ³ (340 m ³)	System Pressure:	80 psi (5.5 bar)
Liquid Mud:	13,322 bbl (2,118 m ³)	Discharge Rate:	1,100 GPM (250 m ³ /hr)
Potable Water:	34,820 gal (132 m ³)	Discharge Rate:	1,400 GPM (318 m ³ /hr)
Rig Fuel:	339,357 gal (1,284 m ³)	Discharge Rate:	1,400 GPM (318 m ³ /hr)
Rig Water:	287,423 gal (1,088 m ³)	Freezer Area:	525 ft ³ (15 m ³)
Cooler Area:	560 ft ³ (16 m ³)		

ELECTRONICS

AIS, Auto Pilot, C-Nav, 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, Radascan, S-band Radar, SARTs, Speed Log, SSAS, VHF Radio, VHF Radio (Handheld), VSAT, Windbird, X-band Radar

ACCOMMODATIONS

12 air conditioned/heated staterooms certified for 29 person berthing.

SPECIAL FEATURES

Oil Spill Recovery:	ABS Capability Class 2	Recovered Oil Capacity:	13,322 bbl (2,118 m ³) (>60 °C FP)
Off-ship Firefighting:	ABS FIFI 1	Number of Fire Monitors:	2
Deck Crane:	1 x North Pacific MCF-530	Total Flow Rate:	10,566 gal/min (2,402 m ³ /hr)
Roll Damping:	Anti-Roll Tank, Passive	Max Lift @ Max Radius:	1.4 MT @ 30 ft
		Deck Tuggers:	2 x 5.4 MT

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