

SY MOONRAKER

S/Y MOONRAKER

These particulars are provided in good faith but we cannot guarantee or warrant the accuracy of this information.

Type:	Cruising Sailboat	Builder:	Kelly Archer
Rig:	Cutter Rig Sloop	Naval Architect:	Van de Stadt,
Year:	2000	Interior Design:	Andrew Winch
Refit:	2004 & 2006	Hull:	Aluminum
LOA:	78'5" (23.9 m)	Deck:	Teak
Beam:	18'5" (6.1 m)	Engine:	John Deere 6076 AFM 30, 250hp
Draft:	10.5' (3.3 m)	Max Speed:	12 knots
Disp:	70 tons	Cruise Speed:	10 knots
Fuel:	4500 l (1188.9g)	Range:	3000 miles
Water:	2000 l (528.4 g)	Accommodation:	8 in 4 cabins
Flag:	Cayman Islands		
Classification.	Lloyd's		
Class Type:	HCC		

ACCOMODATION

Cockpit

Deep protected cockpit with two steering positions with seats.
Cockpit table with refrigerator seating six.
Protected by permanent all weather bimini with cockpit lighting.

Pilot House

Inside watch station with navigation aids and auto pilot
Seating to port and starboard and good hand rails.
Leading to:

Saloon

Large full width saloon with dining area to port and sitting area to starboard.
Smart and durable blue leather type upholstery.
Wine and glass storage cabinet.
Hidden pull out TV.
24 ceiling spot lights.
Opening ports for ventilation.

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Eight berths in four cabins

Large owner's aft cabin, with en suite shower

Forward port guest cabin with double berth and en suite shower

Forward starboard guest cabin with double berth and en suite shower

Crew cabin with two Pullman berths and en suite shower and manual heads

Plus small aft cabin for child or sea berth

Galley

Large galley positioned low in the boat and easy to work in at sea. Dark blue Corian work surfaces throughout, three stainless steel sinks, two large freezers and two refrigerators and gas cooker and icemaker.

Day Heads

With Indesit washing machine and hanging rail

DECK LOCKERS

Large lazarette in the full width of the stern with port and starboard access hatches. Contains dive compressor, tanks and dive equipment, inflatable dinghy, spinnaker, passerelle, outboard motor and fenders.

Chain locker with space for warps and fenders.

RIGGING

MAST:	Keel stepped, alloy three spreader fractional rig Matrix Masts , NZ Mast height above keel is 34.8 meters
BOOM:	Carbon Fibre, Martens Spars, New Zealand Hydraulically operated in boom furling Hydraulic Navtec Vang Mast and boom removed and repainted 4/2004
FURLERS:	Hydraulic Harken MKII units on Genoa and Stay sail (serviced 10/2006)
SPINNAKER POLE:	Carbon Fibre
STANDING RIGGING:	All Navtec, with turnbuckles and mast tangs Kevlar runners Mast taken out, fully serviced and dye tested 10/2006

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- RUNNING RIGGING:** All Spectra, except Genoa and Staysail halyards in Vectran
- WINCHES:** All winches are Lewmar
Mainsheet and main halyard are hydraulic
Primary winches and Genoa halyard winch are electric
- BLOCKS AND TRACKS:** All deck blocks, tracks, cars etc are Harken
- SAILS:** 185m2 Quantum Mainsail, Spectra with six full length battens (10/2004)
85 m2 Quantum Genoa, Spectra with white sunbrella for sun protection when furled (01/2004)
45 m2 Staysail by North, Dacron with white sunbrella when furled
Quantum Rollgen furling m.p.s. (10/2006)

MECHANICAL EQUIPMENT

- ENGINE:** John Deere, Series 400, Model 6076 AFM 30, 6 cylinder 250 HP at 2200 rpm, turbocharged diesel engine – 4,200 hrs at 09/2007.
- GEAR BOX:** ZF Marine transmission, 2.693 reduction with throttle control at both helms
- PROPELLERS:** Hundestad three blade controllable pitch propeller
- EXHAUST SYSTEM:** Powerflow water separator
- AIRCONDITONING:** CruiseAir “Stowaway” reverse cycle air conditioning
7 zones, eight units, with a total of 72,000 BTU
- BOW THRUSTER:** Hydraulic Lewmar 25HP retractable bowthruster
- WATER MAKER:** Sea recovery SRC 1500g/day 200 l/h
- HYDRAULIC SYSTEM:** Genset PTO pump and DC pump
- OTHER:** Webasto diesel powered heater system with hot water circulation
5 x Sealand Vaccuflush marine heads

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GALLEY / LAUNDRY

GALLEY EQUIPMENT: Alpes Inox gas hob/oven
ISE rubbish compactor
U-Line ice maker, new 2003
Parmco exhaust fan
Bosch microwave/ convection oven
Two custom fridges, with two independent circuits
Large top loading freezer with two independent circuits
2 sinks and shallow draining sink
Corian work surfaces throughout

LAUNDRY EQUIPMENT: Indesit Washing Machine in day heads (10/2006)

AUDIO AND VISUAL EQUIPMENT

SALOON: Bose LS30 stereo system
Sony multi region DVD
Sharpe 20'' flat screen
Sharp TV tuner TU/M100

OWNERS CABIN: Bose LS30 stereo system
Sony DVD multi region
Sharpe wide screen 24'' TV

CREW CABIN: Sharpe 15'' LCD TV screen
Pioneer car audio system
Speakers & Headphones

ELECTRONICS

COMMUNICATION : SEA 6003 Sat Com C with distress facility
SEA 235150W HF/SSB
Panasonic tel. exchange throughout, connected to Fleet 33, ships computer and shore connection
ICOM IC/M504 VHF with command mike in cockpit with loud hailer (10/2006)
HP Office Jet printer, fax, copier, scanner
2 x Icom IC-M2A hand held VHF
Fleet 33 Satcom (4/2004)
Two PC's new (2/2005)
IRIDIUM hand held sat phone (10/2006)
SAT D tracker (03/2007)

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NAVIGATION:

- FURUNO GP 32 GPS (10 / 2006), two independent systems
- FURUNO RPU 15 radar and chart plotter (10/2006) with displays at the helm, pilot house and chart table
- MARINE PC charting computer with MAXSEA and displays at the helm, pilot house and chart table (which can be switched from chart plotter to MAXSEA)
- MARINE PC ships communications computer
- 2 x B&G autopilots with three control heads
- 2 x B&G analogue and wind display
- 2 x B&G 20/20 display units at mast
- 7 x B&G Hydra 2000 displays (including one in master cabin, one in guest cabin and one in crew cabin)
- B&G depth sounder
- B&G analogue compass
- AIS receiver
- Vetus meteo line barometer
- WI-FI booster ariel at mast.

ELECTRICAL SYSTEM

GENERATOR: 25KW Northern Lights ML984 generator in sound enclosure
6125 hrs at 09/2007
12V and 24V DC, 110V and 230V AC

SHORE POWER: For 50/60 hz, 400/230/200/115 volts input via 10 kw transformer

BATTERIES: 2 x 24V banks of sealed cells, 1040 amp hours each - service(10/2006)
2 x 12V Heller Endurant, 150 amp each-engine start (2008)
2 x 12V Deka Unigy, 100 amp each- radio service

BATTERY CHARGERS: 2 x Motorola engine alternators, 24V 175 amp/ea
2 x 24 V Master volt battery chargers,100 amp/ea
1 x Generator alternator
1 x 12 volt Mastervolt battery charger, 25amp

INVERTERS: 1 x 5000W Mastervolt inverter 240V (06/2006)
1 x 3000W Mastervolt inverter 110V
1 x 1500W Mastervolt inverter (entertainment)
1 x 1200W Mastervolt inverter (computers)

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DECK EQUIPMENT

240lb CQR Anchor
110 meters ½ inch galvanized chain
Hydraulic Maxwell 4000 windlass (2008)
Danforth Alloy anchor (Fortress)
20 meters half inch galvanized chain
3 meter alloy passerelle with teak steps
West Marine gas BBQ with Gas plumbing to gas locker
Complete sun awning
2 x dinghy anchors
Swim platform
Fixed bimini with cockpit lighting

TENDERS

14' Novarania rib with 40 hp Honda carried on foredeck
(4 /2004)
10' Zodiac inflatable with 8hp Yamaha (4/2006)

OTHER

Bauer Junior dive compressor
2 x Steel dive bottles
4 x Alloy dive bottles
2 x full sets of Scuba Pro dive gear
2 x Deep sea fishing rods

SAFETY AND FIRE PROTECTION

10 man Switlik canister life raft (04 /2004)
2 x Life rings with self activating lights
8 x Life jackets self inflating with harness
Jon Bouy man over board module
Kim man overboard rescue sling
EPIRB
Grab Bag
Flares
Hull port storm shutters
Spot light
Spare navigation lights
Bosuns Chair
Chubb smoke and fire alarm
Kidde Fire watch; automatic extinguishing system in engine and machinery room
Chubb 2.5kg portable fire extinguisher in machinery room and lazarette

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Chubb 1 kg fire extinguishers in galley, aft cabin, pilot house, both guest cabins and crew cabin

Fire blanket in galley

DSC security alarm system with sensors through out