

Inventory

# Infiniti 46

Specifications

Reference/Stock No	Maverick
Make	Infiniti Yachts
Model	Infiniti 46
Hull Material	Carbon foam sandwich
Length	46
Price	\$ 799.000 AUD (ex-tax Australia)
Region	Sydney, NSW
Vessel Name	Maverick
Launch Year	2016
Beam	3.90 m
Draft	3.01 m
Displacement	5600 kg
Deck material	Carbon foam sandwich and composite
Keel/balast	Milled steel fin and components all by Cariboni
Designer	Hugh Welbourn
Builder	Infiniti Yachts

Engine / Machinery

Engine Make	Lombardini LDW1404
Fuel Capacity	85 L
Fuel Type	Diesel
Propulsion	Carbon fibre retractable propulsion system with Titanium prop shaft. 3 blade Aluminium Prop (prop speed painted) and spare

Deck Hardware / Fittings

Deck Description	<p>Full Harken fit-out including:</p> <ul style="list-style-type: none"> <li>- 5 x Harken 65.3 winches. 2 x electric primaries, 1 x electric mainsheet and 2 x runner</li> <li>- 2 x Harken 50.2 pit winches</li> <li>- Alloy frames for pit and primary rope bags</li> <li>- Deck gear bag with 2 x tweakers, 2 x Hady Billies, 4x open blocks/antal clip on hooks</li> <li>- Winch handles etc</li> </ul>
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Accommodation

Accommodation Description	<p>Race boat interior with basic galley area, storage and tacking navigation station aft. 8 x berths and Jetboil with gimble for boiling water in galley, DC freshwater pump with</p>
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		outlets in companionway for on deck and in galley and LED lighting throughout.
Safety Equipment	Safety Gear	<p>Maverick is set for Category 1, last audited September 2020. Inventory as follows:</p> <ul style="list-style-type: none"> <li>- Ocean safety 8-man Life raft ISO9650-1(last surveyed Apr 2019)</li> <li>- 10 x Spinlock lifejackets (with AIS fitted)</li> <li>- Flares, V sheet etc</li> <li>- Medical Kit (less controlled substances)</li> <li>- Grab bag</li> <li>- 2x fire extinguishers</li> <li>- EPIRB</li> <li>- hand held compass</li> <li>- emergency SART and VHF aerials</li> <li>- refillable emergency water containers 8 x 4L</li> </ul>
Electrics / Electronics	Electrics	<ul style="list-style-type: none"> <li>- Bosch compact alternator 24V/150Ah</li> <li>- House Battery: Mastervolt MLI Ultra Lithium-Ion Battery 24V/5000AH</li> <li>- Starter Battery: Lightweight Lithium-Ion 15P-EC (60Ah/2200A discharge)</li> <li>- DC24-DC12 Victron energy charge controller to keep starter battery charged from house</li> <li>- Switch panel for systems onboard and Mastervolt Battery monitor</li> <li>- Mastervolt shore charger</li> <li>- Electric bilge pumps</li> </ul>
	Instruments / Navigation	<ul style="list-style-type: none"> <li>- Instrument package by NKE (regatta processor), 2* wind wands (1MHU as spare), depth, sonic speedo, (paddle speedo as spare), regatta compass, NKE GPS</li> <li>- 4 x mast displays (1 of which is multi graphic), 2 x cockpit multi graphics</li> <li>- Sailor 150 Fleet Broadband Sat Phone</li> <li>- Handheld VHF with GPS and DSC (Horizon)</li> <li>- Fixed VHF with DSC and GPS (Horizon)</li> <li>- ICOM IC-M801E MF/HF Transceiver with backstay antenna and emergency whip antenna</li> <li>- Digital yacht AIT2000, CLASS B AIS TRANSPONDER</li> <li>- Digital yacht SPL 2000 AIS " VHF Splitter</li> <li>- Standalone AIS GPS antenna</li> <li>- Backup Garmin 19X GPS antenna</li> <li>- Commset Dual Band Dual Sim Gigabit 4G router</li> <li>- MOXA n-port 5410</li> <li>- Mintaka Star Barometer, USB, and Wi-Fi</li> <li>- Diverse Load sense on Forestay</li> <li>- Diverse Load sense on GS/Jib tack</li> <li>- Cariboni PLC to drive Hydraulic systems</li> </ul>

- Cariboni sensors on keel rams integrated with NKE displays
- Zebra waterproof touchscreen tablet PC with docking station. Allows wireless connection to instrument to perform navigation tasks from anywhere on boat including on deck.
- iPad for on deck screen mirroring of PC (when PC in dock)

## Sail / Rigging

### Sail Inventory

- All Doyle Sails Stratis. Inventory as follows:
- Offshore mainsail (2 reef) 2016 (delivery)
  - Inshore Mainsail (1 Reef) 2017 (Rating condition 7)
  - Offshore Mainsail (3 reef) 2019 (7)
  - Offshore Mainsail (3 reef) 2021 (new deposit paid only)
  - J1 structured luff jib 2020 (9)
  - J2 structured luff jib 2020 (9)
  - J3 structured luff jib 2020 (8)
  - J4 furling Solent 2021 (9)
  - J4 Jib 2017 (3)
  - GS/Storm stay sail, structured luff, orange 2020 (7) (rig is set up to run triple headed)
  - Spinnaker staysail 2020 (unused - 10)
  - BRO structured luff 2019 (8)
  - FRO structured luff 2020 (9)
  - FRO structured luff 2017 (4)
  - MHO structured luff 2020 (8)
  - R1 structured luff 2019 (8) (Code 0 for ORR rating rules)
  - A1.5 2017 (7)
  - A1.5 2016 (Delivery 4)
  - A2 2018 (6)
  - A2 2019 (7)
  - A3 2018 (8)
  - A4 2020 (8)
  - Delivery jib Dacron 2018 little use.
  - GS 2019 Structured luff furling (no longer in use due to updated sail plan)
  - AP Jib (used for deliveries)
  - Mainsail boom cover
  - 2\* Karver KF (5) furling units
  - 1\* Karver KF (2) furling unit

### Mast / Rigging

- The mast is a 2 spreader, fractional carbon from Axxon and is deck stepped. Details as follows:
- Aluminium Karver mast track with all bolts Titanium
  - EC6 rigging new April 2019 (replaced as previous was PBO)
  - EC6 backstays new Aug 2019
  - Karver halyard locks on 2 x mast head, 2 x Fractional. 1 x Jib.
- The boom is also carbon and is set up for three reef mainsail. Reefing can be single line or traditional luff-line and outboard reefs.
- Running rigging:
- Halyards new for 2019 Hobart and 7/10 condition

- All sheets new for 2020 Hobart (not used)
  - All ropes replaced well before end of life for maximum reliability
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Miscellaneous

General Remarks

- Extras and spares:
- All mechanical detailed service documents included, hard and digital copies
  - Engine servicing + spare filters, anodes etc for full yearly/ half yearly servicing
  - Enerpac rams and hand pump for mast jacking, incl additional spare shims
  - Spare primary turnbuckles for different rig rake/ Jack combinations
  - Spare hydraulic oil, filter, hose end fittings and general manifold servicing parts
  - Hydraulic ram (traveller)
  - Mast track section
  - Keel trolley + hand pump jacks for easily removing keel and servicing
  - Keel pin jigs and pins for easy location of keel bearings
  - Battens and batten end fittings
  - Extensive Karver lock spares and servicing kit
  - Extensive Harken winch spares kit
  - Specialist tools required for all regular servicing requirements
  - Water maker servicing kits
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