



WB 8.3 m LIMOTENDER
t/t FOREVER ONE

Technical Specification



Main dimensions (approx.):

- LOA: 8.30 m
- Beam Max: 2.65 m
- Design displacement light ship: abt 2.9t
- Design draught @ full load: abt 0.6 m (excl. sterndrive)
- Storage Height 1.65 m
- Cabin Height (roof up/down) 1.75/1.35 (+/-5%)

Main Technical Data:

- Construction Material: GRP Carbon fiber reinforced
- Classification: CE cat. C
- Accommodation for Owner and Guests: 12
- Accommodation for Crew and Staff: 2
- Propulsion: Inboard Diesel – Sterndrive
- Main Engine: 1x Mercury 270 hp
- Transmission: Sterndrive + Trim Tabs
- Maximum and Cruising Speed @ Full Load: 30 / 25 kn to
- Nautical range: ab. 100 n.m. @ 25 kn
- Fuel Capacity: 150 l
- Fresh Water Capacity: 70 l
- Naval architect: Studio Arnaboldi
- Exterior and interior design: Studio Arnaboldi



Hull & deck structure:

- Hull, deck and roof: Vinylester resin; glass fiber (eventually carbon reinforced)/PVC foam sandwich with local reinforcement
- Bulkheads and longitudinal girders: PVC/glass fibers
- All bonding made with structural adhesives

Engine and propulsion:

- 1x Mercury 270 HP
- Racor fuel filter and separator, remote shut off valve, 150 liters aluminum alloy / SS fuel tank with 60 liters reserve, fuel gauges on cockpit.
- Engine control panel, fuel and cooling water gauges and throttle on cockpit
- Mirror polished stainless steel wheel, hydraulic drive
- Ventilation with electric extractor, thermostatic start management and delayed switch off; AISI 316L, mirror polished stainless steel air intakes
- Engine compartment sound insulation with perforated aluminum panels finishing; heat insulation/ sound deadening with foam sandwich.
- Automatic/manual fire extinguisher in the engine bay
- Light in engine bay
- Zipwake trim tabs, with control and indicators on cockpit
- Electric bow-thruster 35kgf/12V

Exterior finish and equipment:

- Antiskid treatment on the roof surface to allow crew to step when is lowered down
- 6/8mm plexiglass windows. In any case windows and skylights to be treated with UV filters layer
- Helm station forward of guest accommodation
- Polyurethane, high gloss varnish, full painted hull and deckhouse (AWL GRIP paint cycle in Stark White + Teal + Super Jet Black depending on final styling) - TBD -
- International Micron 77 anti fouling
- 8 mm thick, 56mm wide, natural solid teak laid decks (bow deck and aft cockpit)
- AISI 316L mirror polished, stainless steel removable handrails, flag pole and jackstaff
- AISI 316L, mirror polished stainless-steel Pop-out Swimming Ladder (manual)
- 6 AISI 316L mirror polished mooring cleats
- AISI 316L mirror polished stainless steel cutwater
- 8 fender hooks per side
- LED Deck spotlights
- LED Navigation lights (to be positioned ergonomically in respect of the driver's view)
- LED bow search lights (headlights)
- 2 LED Stern Underwater Lights (or under beach platform, to be confirmed)
- All-round LED maneuvering lights
- 1x Stainless steel backlit polished Mother yacht logo and name on both sides and aft
- All lights to be RGB tunable
- Hand shower in beach platform
- Crew seats with faux-leather upholstery; storage below
- Instruments cover
- Air horn
- Reinforced towing eyes with bridle
- Electric winch and recessed anchor



Technical equipment:

- Pop up roof actuated by synconized linear servos
- Mastervolt automatic battery charger, 110-220v shore power line
- Automatic bilge pumps as appropriate with buzzer alarm and additional flying hose
- One manual hand bilge pump
- Polyethylene Fresh Water Tank with pressure pump, automatic switch off, level gauge on cockpit,
- 3 x 12V – 105A AGM interchangeable service and engine batteries as appropriate
- Circuits protection by thermal circuit breaker or fuses
- 12 V A/C station, 8.000 BTUs
- Cathodic protection (anodes)

Electronics/Navigation:

- Magnetic compass
- Chart plotter with sounder and digital switching on main circuits
- AIS
- Tender tracking opt.
- Full switch redundancy on navigation systems circuits
- Independent emergency towing light
- VHF
- Backlit electrical switches and panels
- All console instrument lighting to be dimmable
- 4G/5G antenna with WiFi router

Interior finish and equipment:

- Interior to be easily converted from 6-8 single seats “vip” configuration bench, storage under seats, layout by means of pop-down armrests and two seats facing towards the bow
- Fwd and aft sliding plexiglass access door
- Teak laid floor with draining.
- Leather or high quality faux leather / fabric upholstery.
- Roof interior to be upholstered with Alcantara or equivalent or high quality faux leather. GRP visible structures and panels to be painted with high quality paint.
- Indirect lighting with LED strips to be provided both on roof and at floor level, independently operated
- Direct lighting to be provided with 8-10 low profile LED ceiling spots
- All lighting to be RGB tunable
- At least 2 pop-down backrests per side that change to cup holders and/or work tables
- 6 speakers or more audio system with FM radio, lighting dock, Bluetooth, audio in. Audio system to be particularly powerful. Control from both inside and outside.
- Vitifrigo DW40 SS fridge
- 4 usb ports for personal device charging
- Umbrella locker for 4 umbrellas with drainage and ventilation
- Hidden lifting ringbolts with certified SWL
- Cold air outlets in forward and aft cabinetry
- Sound insulation between cabin and helm station (to reduce driver's distraction)
- 10m washing water hose to be stored in fwd hatch
- 2 sockets under inverter 1000w (total)

Miscellaneous equipment:

- 1 boat hooks
- 1 tool kit
- 1 hand fire extinguisher in cockpit

Sincerely,

Marco Arnaboldi
WoodenBoats SRL

