

AZURE 41

STANDARD SPECIFICATIONS

GENERAL INFORMATION

CERTIFICATION

- Design made following European Directive Requirements and according to EC certification
- CE certificate : Category A - Ocean

TECHNICAL DATA

Length overall	12,5 m
Length waterline	11,58 m
Beam	3,93 m
Draught [std/opt]	2,4 / 2,0 m
Displacement	8,600 kg
Ballast	3,145 kg
Engine	Yanmar SD60 Saildrive
Engine power	29kW / 39 hp
Service battery	95Ah x 2
Engine battery	60Ah x 1

Fuel tank	150 lt.
Water tank	300 lt.
Black water tank	63 lt.
Cabins - heads [standard]	3-1
Toilet - shower cabin	1-1
Berths	6
Design	R. Humphreys
Interior Design	T. Spadolini

SAIL AND RIGGING DATA

I	17,15 m
J	4,85 m
P	16,5 m
E	5,7 m
Mainsail Area	55,8 m ²
Jib Area	44,2 m ²
Asymmetric sail area	160 m ²
Air draft	20,94 m

DESIGN AND ENGINEERING

HULL

- Vinylester vacuum infused sandwich composite hull with PVC core and E-glass
- Solid monolithic laminate in high stress areas such as keel area, sail drive and rudder bearings
- Vinylester vacuum infused inner structure bonded to hull with structural adhesive and secondary bonding with E-glass
- Strategically positioned bi-directional and uni-directional E-glass for strength and weight optimization
- Isophthalic spray white gelcoat finish
- Grey boot top and cove lines

DECK

- Composite GRP deck constructed utilising vacuum infusion method with vinylester resins with PVC foams and carbon fibre/e-glass
- Strategically positioned E-glass with bi-directional and carbon fibre uni-directional cloth for strength and weight optimization
- Brass, GRP plates or wooden supports under deck fittings
- Isophthalic spray white gelcoat finish with antiskid areas

BULKHEADS

- Composite structural bulkheads with secondary bonding to hull and deck with biaxial lamination and structural adhesive

KEEL

- CNC finished casted steel fin with lead antimony bulb
- T shape keel
- Stainless steel hull and keel connection bolts
- Recess for keel fin for smooth finish on the hull

RUDDER & STEERING SYSTEM

- Twin rudder Jefa system
- Two aluminium Jefa steering pedestals
- Two balanced custom design GRP rudders with stainless steel rudder stocks
- Two 900 mm diameter leather covered aluminium Jefa five single spoke steering wheels
- Adjustable aluminium connection bar between rudders, both independently operable if one fails
- Emergency tiller in aluminium

SAILING EQUIPMENTS

RIGGING

- Keel stepped tapered aluminium Selden mast and boom
- Adjustable rod type rigid vang
- Single point German mainsheet system
- Manual jib furler, control led to a clutch on the coachroof in the cockpit
- Standing rigging in stainless wire, fractional and discontinuous with adjustable turnbuckles
- Split backstay, adjustable with turnbuckles

- Mast collar in aluminium with two tie rods and halyard block attachment
- Rubber mast seal attached to collar
- Furler 300TD manual furler
- Two stainless steel shroud chainplates and backstay chainplates
- Two sets of sweptback spreaders
- Single line reefing system
- Manual wind indicator [Windex]

RUNNING RIGGING

- 1 x main halyard (ø 10mm)
- 1 x jib halyard (ø 10mm)
- 1 x spinnaker halyard (ø 10mm)
- 1 x topping lift (ø 10mm)
- 1 x furler line (ø 10mm)
- 1 x outhaul (ø 12mm)
- 2 x reef system lines for main sail
- 2 x jib sheets (ø 10mm)
- 1 x mainsail sheet (ø 8mm)
- 2 x lazy jack lines

DECK HARDWARE AND EQUIPMENT

- Nine Spinlock rope clutches, cleats for sail handling systems
- Two Harken six sheaves deck organizers
- 10 x 25mm diameter stainless steel stanchions with Ø5mm 1x19 stainless wire upper and lower lifelines
- Two padeyes on the bulwark for outside sheeting forward
- Two stainless steel pulpits
- Two stainless steel pushpits linked by two opening guardrails

EXTERIOR

TRANSOM

- Two transom aft hatches for storage

COCKPIT

- 2 Ritchie compasses on steering pedestals
- Storage for life raft in cockpit sole
- Storage under cockpit seats
- Aft lazarette locker
- Storage locker in the bow behind the chain locker
- Two padeyes for safety harness attachment in cockpit sides
- Hot and cold shower in aft cockpit

INTERIOR

GENERAL OVERVIEW

- Standard layout: 3 cabins - 1 head
- Oak finish furniture
- Alpicord cabin sole
- "Bosphorus White" upholstery
- Polished alloy door handles, door stoppers and furniture accessories
- Polished stainless steel door threshold protection strips
- Fabric covered removable headlinings
- LED lighting through interior

COMPANIONWAY

- Wooden companionway steps with non slip-surface
- Access to main engine under companionway steps supported with two gas struts and fixed support
- Two stainless steel handrails
- Port for portable fire extinguisher

- Flag pole socket on the pushpit
- Two Harken jib tracks and cars with pin-stop

WINCHES

- Two Harken 40.2 STA winches forward of the helm for the main sheet
- Two Harken 40.2 STA halyard winches on the coachroof for the halyards
- Two Harken 50.2 STA halyard winches on the backrest of seats in the cockpit for jib sheet
- Two single Harken winch handles (8" & 10")

MOORING AND DOCKING

- Self draining anchor and chain locker
- Stainless steel anchor roller
- 1000 watt Quick vertical windlass with watertight hand held control
- 50m ISO 10 mm chain with 20 kg delta type anchor
- Four fixed mooring cleats
- Six fenders
- Four 10 m. mooring lines

- Three piece captive main companionway entrance in acrylic black glass
- Storage for two LPG containers with drainage
- Teak on cockpit seats

HATCHES AND WINDOWS

- Ten acrylic fixed black hull windows
- Seven Lewmar opening acrylic black hatches on deck
- Two cockpit acrylic black windows
- Four acrylic coachroof windows with integrated 2 flush hatches for ventilation in dayhead and saloon

SALOON AND DINNETTE

- Saloon table with interior storage
- U shaped dinette area
- Large locker on the starboard side
- Highline locker over dinette
- Upholstered settees in "Bosphorus White" on portside with storage
- Two Lewmar flush hatches integrated in deck head
- Two stainless steel handrails in headliner
- Two fixed hull windows
- Four fixed coachroof windows integrated with two hatches

GALLEY

- Solid Corian® worktop
- 200 lt. top and front opening refrigerator
- Storage area next to fridge with 3 drawers
- Highline locker over countertop in the galley
- One and a half basin stainless steel sink
- Hot and cold fresh water mixer tap
- Rubbish bin under sink
- Gimballed Eno oven/cooker with three burners
- Manual gas shut off valve
- Portable dry powder fire extinguisher and fire blanket
- One fixed hull window

CHART TABLE

- Fixed navigation table with storage
- Electrical panel with individual Carling circuit breakers – separate AC and DC panels
- Allocated space for the optional navigation electronics
- Chart table reading lamp

MASTER CABIN

- Double berth to portside
- Upholstered mattress
- Hanging locker
- Storage area under the bed
- Vanity table with top locker
- Storage area on starboard side
- Size 60 Lewmar flush hatch
- Size 41 Lewmar flush hatch
- Four fixed hull windows
- Portable dry powder fire extinguisher

SYSTEMS

ENGINE AND PROPULSION SYSTEM

- Engine – Yanmar diesel 39hp – S DRIVE
- Reversible sail drive transmission (SD60)
- Three blade fixed propeller
- Engine control, ignition, throttle and control panel in cockpit
- Engine compartment is fitted with heat resistant and soundproofing insulation
- Engine room ventilation fan
- Wet exhaust system with silencer
- Exhaust outlet
- 125 Amp alternator and blocking diode for charging two banks of service and engine batteries

FUEL SYSTEM

- 150 Lt. HDPE Diesel Fuel Tank
- Fuel filter/water separator
- Fuel gauge integrated to the electronic monitoring systems
- Manual emergency fuel shut off valve accessible from the cockpit
- Fuel inlet on starboard side

FRESH WATER SYSTEM

- 300 Lt. HDPE fresh water tank
- Johnson Aquajet Flowmaster pressurised electric water pump + system with filter
- Polyethylene fresh water tanks in saloon and forward cabin
- Electrical shower pumps
- Quick 30 Lt. water heater

BLACK WATER SYSTEM

- HDPE black water tank with outlet to the sea
- Suction port on deck
- Marine manual twist and lock toilet unit

AFT GUEST CABINS

- Double bed
- Hanging lockers
- Storage under the beds
- Mattress "Bosphorus White" upholstery
- Size 10 low profile hatch in each cabin
- Two fixed hull windows in each cabin
- Acrylic fixed window on cockpit side in each cabin
- Shelves along the inner hull
- Access door for engine systems and equipment in aft bulkhead
- Two engine access panels via aft cabins

HEAD

- Vitra Fine Fire clay hand basins and Artema mixer and taps
- Corian® countertops and wash basin
- Manual marine toilet, discharged to blackwater tank
- Artema shower tap and mixer
- Electrical sump pump for sink and shower discharge
- Size 41 hatch

BILGE SYSTEM

- 12V automatic electric bilge pump in saloon area with alarm
- Manual bilge pump operated from cockpit

GAS SYSTEM

- Locker with drainage for two lpg bottles in cockpit on starboard side
- 2 x manual safety valves
- Copper piping
- Manual regulator valve

SEA WATER SYSTEM

- Trudesign fiberglass reinforced nylon composite seacocks
- Below water line piping clipped with double stainless steel hose clamps

ELECTRIC AND ELECTRONICS

- 12V DC system
- 220V/50Hz AC connection complete with 10m shore connection cable and socket
- Five 220V AC sockets through interior
- 1 x 60 Ah AGM engine battery
- 2 x 95 Ah AGM service batteries
- AC/DC aluminium electrical panel with separate Carling circuit breaker switches in navigation area
- LED electrical panel lightning in navigation area
- 50A galvanic isolator
- 25A battery charger
- Bilge alarm with auto and manual control switch
- 12 V DC outlets at the navigation table and in the cockpit area
- Built-in chrome LED lights
- 1 x engine room light
- 12 V DC and 220V AC main shut-off switches near chart table
- LED navigation lights and anchor light on pullpit and pushpit
- Deck and steaming light on the mast
- All electric cables are numbered for identification at both end

Effective from 01.03.2018 Rev.03

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