


# Lagoon 450 Flybridge

BASIC INFORMATION	LAYOUT
<ul style="list-style-type: none"> <li>▪ Year: 2016</li> <li>▪ Length: 13.96 m</li> <li>▪ Beam: 7.87 m</li> <li>▪ Draft: 1.3 m</li> <li>▪ Displacement: 16,000 kg</li> <li>▪ Engines: 2 x 57 HP</li> <li>▪ Fuel tank: 1040 L</li> <li>▪ Water tank: 700 L</li> <li>▪ Double cabins: 4</li> <li>▪ Single cabins: 2</li> <li>▪ Bed in saloon: convertible table</li> <li>▪ Persons [recomm./licensed]: 8 / 10</li> <li>▪ Showers [cabins + deck]: 4 + 1 + 1</li> <li>▪ Heads [cabins]: 4</li> </ul>	
HIGHLIGHTS	HIGHLIGHTS - continued
<ul style="list-style-type: none"> <li>▪ <b>Watermaker 60 L/h</b></li> <li>▪ <b>Generator 8 kW</b></li> <li>▪ <b>Air conditioning in double cabins and saloon, with independent temperature control</b></li> <li>▪ <b>Big size electric toilet (4 in total)</b></li> <li>▪ <b>1500W electric anchor windlass</b></li> <li>▪ <b>Fusion 700i Series Marine Stereo in saloon with docking station</b></li> <li>▪ <b>External speakers in the cockpit and at the helmstation</b></li> <li>▪ <b>Double USB socket in cabins (4 in total)</b></li> <li>▪ <b>220V shore power</b></li> <li>▪ <b>Fishfinder Airmar B75M Chirp Transducer</b></li> <li>▪ <b>Solar panel 310W</b></li> <li>▪ <b>Stainless steel davit system</b></li> <li>▪ <b>Electric sheet winch system</b></li> <li>▪ <b>1700W 12V electrical windlass with vertical axe, gypsy (chain 12mm) and wireless remote in the anchor locker</b></li> <li>▪ <b>Forepeak x2 – single cabins on port and starboard hulls, both with access from deck only</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>3x 12V 130L fridge with freezer, wooden front door (2x galley, 1x cockpit)</b></li> <li>▪ <b>Galley fully equipped: coffee machine, blender, ice maker, microwave, dishes, etc.</b></li> <li>▪ <b>Fans in saloon and cabins (6 in total)</b></li> <li>▪ <b>Teak deck</b></li> <li>▪ <b>Fishing rod holders (4 in total)</b></li> <li>▪ <b>Electric scooter Samsung (2 pieces)</b></li> <li>▪ <b>Dinghy Highfield with outboard engine 5.5 HP</b></li> <li>▪ <b>Hot/cold deck shower on starboard</b></li> <li>▪ <b>Gas grill</b></li> <li>▪ <b>Chartplotter: B&amp;G Zeus 5</b></li> <li>▪ <b>VHF in navstation, autopilot with color display, depth and speed instruments</b></li> <li>▪ <b>B&amp;G color instruments display</b></li> <li>▪ <b>Additional VHF station at helmstation</b></li> <li>▪ <b>AIS, autopilot, EPIRB, GPS, speed transducers, VHF, wind instruments</b></li> </ul>
SALOON	GALLEY
<ul style="list-style-type: none"> <li>▪ <b>Salon fans (2 in total)</b></li> <li>▪ <b>Fusion 700i Series Marine Stereo in saloon with docking station</b></li> <li>▪ Sliding door and window with aluminum locker for the access to the cockpit, can be locked, open or closed</li> <li>▪ Large varnished salon table exchangeable with the polyester table from the cockpit and convertible in berth</li> <li>▪ 6 seats “L” bench on starboard</li> <li>▪ Locker under the bench</li> <li>▪ Various high and low storage on the starboard cupboard in front of the table</li> <li>▪ <b>Storage niche on the bulwark</b></li> <li>▪ Fabric covered steel pillar</li> <li>▪ Wooden gunwale</li> <li>▪ 2 opening portholes in the front window</li> <li>▪ 1 opening porthole in the port side window</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>2x 12V 130L fridge with freezer, wooden front door</b></li> <li>▪ <b>Galley fully equipped: coffee machine, blender, ice maker, microwave, dishes, etc.</b></li> <li>▪ “U” shape galley on portside</li> <li>▪ Synthetic resin countertop</li> <li>▪ <b>Double s/s sink with hot/cold mixer tap</b></li> <li>▪ Storage under the sink</li> <li>▪ <b>3 burners gas stove</b></li> <li>▪ <b>Grill oven with s/s inside</b></li> <li>▪ Flap under the oven</li> <li>▪ Bottle storage</li> <li>▪ Storage unit with drawers</li> <li>▪ High cupboards on portside</li> </ul>
STARBOARD AND PORTSIDE HULLS	ELECTRICS
<ul style="list-style-type: none"> <li>▪ <b>Air conditioning in double cabins and saloon, with independent temperature control</b></li> <li>▪ <b>Forepeak x2 – single cabins on port and starboard hulls, both with access from deck only</b></li> <li>▪ <b>Cabin fans (6 in total: 4 in cabins, 2 in salon)</b></li> <li>▪ <b>Double USB socket in cabins (4 in total)</b></li> <li>▪ <b>Combination lock safe</b></li> <li>▪ <b>Curtains in all cabins (4 in total)</b></li> <li>▪ Aft cabin: <ul style="list-style-type: none"> <li>– 1 double bed with lateral access (2.05m x 1.60m)</li> <li>– 2 bed nightstands, one with storage</li> <li>– 2 under bed drawers</li> <li>– 1 full high wardrobe — outboard side</li> <li>– 1 long shelf</li> <li>– 1 low cupboard with shelves — inboard side</li> <li>– 1 opening deck hatch</li> <li>– 1 opening porthole</li> <li>– 1 hull fixe window in Plexiglas white silkscreen printing</li> </ul> </li> <li>▪ Aft and forward bathroom: <ul style="list-style-type: none"> <li>– Synthetic resin countertop and washbasin</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Air conditioning in double cabins and saloon, with independent temperature control</b></li> <li>▪ <b>Watermaker 60 L/h</b></li> <li>▪ <b>Generator 8 kW</b></li> <li>▪ <b>220V shore power</b></li> <li>▪ <b>1500W electric anchor windlass</b></li> <li>▪ <b>Big size electric toilet (4 in total)</b></li> <li>▪ <b>Fusion 700i Series Marine Stereo in saloon with docking station</b></li> <li>▪ <b>External speakers in the cockpit and at the helmstation</b></li> <li>▪ <b>Fishfinder Airmar B75M Chirp Transducer</b></li> <li>▪ <b>Solar panel 310W</b></li> <li>▪ <b>Electric sheet winch system</b></li> <li>▪ <b>1700W 12V electrical windlass with vertical axe, gypsy (chain 12mm) and wireless remote in the anchor locker</b></li> <li>▪ <b>Two additional AGM battery (210 Ah)</b></li> <li>▪ <b>Chartplotter: B&amp;G Zeus 5</b></li> <li>▪ <b>2 x 12V sockets in helmstation</b></li> <li>▪ Power circuit: <ul style="list-style-type: none"> <li>– 2 alternators 12V 80A</li> <li>– 2 start batteries 12V 110A (<b>upgraded</b>)</li> </ul> </li> </ul>

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<ul style="list-style-type: none"> <li>- Hot/cold mixer tap</li> <li>- High cupboards 2 doors with mirror</li> <li>- Separate shower with Plexiglas door</li> <li>- Composite shower grating</li> <li>- <b>Big size electric toilet (4 in total)</b></li> <li>- 1 opening deck hatch</li> <li>▪ Forward cabin:             <ul style="list-style-type: none"> <li>- 1 double bed with lateral access (2.05m x 1.60m head x 1.10 foot)</li> <li>- 1 under bed drawer</li> <li>- 1 large headboard mirror</li> <li>- 1 cupboard with wardrobe (upper part) and shelves (lower part) – inboard side</li> <li>- 1 storage niche with on central shelve – outboard side</li> <li>- Bookshelves on 2 levels</li> <li>- 1 opening deck hatch</li> <li>- 1 opening porthole</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- 3 service batteries 12V 140Ah (<b>upgraded</b>)</li> <li>- Batteries breaker under the bed of the aft starboard cabin</li> <li>▪ Distribution electric panel:             <ul style="list-style-type: none"> <li>- 12V General distribution panel at the chart table with protection by circuit breaker</li> <li>- Ammeter, voltmeter, circuit breaker, panel lighting, cigarette lighter</li> </ul> </li> <li>▪ Lighting:             <ul style="list-style-type: none"> <li>- 12V LED outside lighting</li> <li>- 12V LED inside lighting</li> <li>- Navigation lights LED</li> <li>- 12V lighting the engine compartment</li> </ul> </li> </ul>
<p><b>DECK LAYOUT</b></p>	<p><b>INTERIOR LAYOUTS</b></p>
<ul style="list-style-type: none"> <li>▪ <b>Teak deck</b></li> <li>▪ <b>Fishing rod holders (4 in total)</b></li> <li>▪ <b>Electric scooter Samsung (2 pieces)</b></li> <li>▪ <b>Fishfinder Airmar B75M Chirp Transducer</b></li> <li>▪ <b>Solar panel 310W</b></li> <li>▪ <b>Dinghy Highfield with outboard engine 5.5 HP</b></li> <li>▪ <b>Stainless steel davit system</b></li> <li>▪ Transom:             <ul style="list-style-type: none"> <li>- <b>Hot/cold deck shower on starboard</b></li> <li>- S/s telescopic swim ladder with fixe handle on starboard</li> <li>- Storage on the side of the transom (port and starboard)</li> </ul> </li> <li>▪ Aft cockpit:             <ul style="list-style-type: none"> <li>- <b>1x 12V 130L fridge with freezer</b></li> <li>- <b>Gas grill</b></li> <li>- <b>Cockpit cushions (aft)</b></li> <li>- Large cockpit usable as a deck salon, protected by a hard top bimini</li> <li>- “U” bench on portside with storage locker</li> <li>- Gas locker (2 bottles of 10 kg)</li> <li>- Removable polyester cockpit table 8/10 people</li> <li>- Large storage locker with possibility to install option like icemaker and synthetic resin countertop</li> <li>- 1 “Lazy boy” area with locker in the seat on starboard</li> <li>- Waste bin with upper access and lateral door on portside</li> <li>- Storage locker with top access (70 L) and evacuation on portside</li> <li>- Polyester fiddle anti-runoff on the sides of the cockpit</li> </ul> </li> <li>▪ Flybridge:             <ul style="list-style-type: none"> <li>- 2 staircases to access from the deck and from the cockpit</li> <li>- Large bench 6 seats</li> <li>- Storage in the lateral staircase to access to the fly</li> <li>- Sunbed at the front of the helm station</li> <li>- Helm station with: covered steering wheel and brake, engines throttle and panel, compass, console for screen and instrumentation, cup holder, halyards storage</li> </ul> </li> <li>▪ Forward cockpit:             <ul style="list-style-type: none"> <li>- <b>Cockpit cushions (fwd)</b></li> <li>- “U” seating area</li> <li>- Storage locker under the portside seat - generator</li> <li>- Storage locker under the portside seat</li> <li>- Storage locker under the central seat</li> <li>- Trampoline with nylon thread</li> </ul> </li> <li>▪ Bow lockers:             <ul style="list-style-type: none"> <li>- Access through opening deck hatches with locker</li> <li>- Wooden floor</li> <li>- White painting</li> <li>- Lighting</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Generalities:             <ul style="list-style-type: none"> <li>- Interior woodwork in Alpi Walnut plywood</li> <li>- Asburgo laminated floor</li> <li>- S/s handrail leather covered</li> <li>- Fabric-covered plywood on hull liner in cabins</li> <li>- Access to the cabins and bathrooms without doorstep</li> </ul> </li> <li>▪ Standing headroom:             <ul style="list-style-type: none"> <li>- Salon: 2.06m</li> <li>- Cabin: 2.04m</li> <li>- Bathroom: 2.04m</li> </ul> </li> <li>▪ Mattress and upholstery:             <ul style="list-style-type: none"> <li>- Marine mattresses made of multi-layer alveolar foam with several densities (tick. 130mm)</li> <li>- Mattresses treatment: anti-microbial, anti-bacterial, non-allergenic, anti-dust mite</li> <li>- Standard upholstery</li> <li>- Synthetic fabrics adapted to marine environment</li> <li>- Blackout curtains in the cabins and salon</li> </ul> </li> <li>▪ Lighting:             <ul style="list-style-type: none"> <li>- 12V LED ceiling spotlights</li> <li>- 12V LED reading lights headboard</li> <li>- 12V LED reading light with red LED light at the chart table</li> </ul> </li> </ul>
<p><b>MOTORIZATION</b></p>	<p><b>PLUMBING</b></p>
<ul style="list-style-type: none"> <li>▪ <b>2 diesel engines Yanmar 57 HP common rail sail drive</b></li> <li>▪ 2 blades fixe propeller</li> <li>▪ Sea water filter</li> <li>▪ Mechanical engine throttles at the helm station</li> <li>▪ Ventilation of the engine compartment: electrical extraction in the aft transom</li> </ul>	<ul style="list-style-type: none"> <li>▪ Fresh water circuit:             <ul style="list-style-type: none"> <li>- <b>Fresh water tank: 2 x 350L (total 700 L) with gauge at the chart table</b></li> <li>- Fresh water circuit with 1 main water group in the port companionway</li> <li>- <b>60L electric water heater, 220V/engine exchanger</b></li> </ul> </li> </ul>

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<ul style="list-style-type: none"> <li>▪ Fuel circuit:             <ul style="list-style-type: none"> <li>- <b>2 aluminum tanks of 2 x 520 liters (total 1040 L)</b></li> <li>- Fuel filter systems</li> <li>- Fuel shut off valve</li> <li>- Gauge at the general control panel</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Grey water: shower and washbasin drained by tempo and push button</li> <li>▪ <b>Black water: 4 tanks 80L (total 320L)</b> (4 cabin 4 head version)</li> <li>▪ Bilge pump circuit:             <ul style="list-style-type: none"> <li>- 1 manual bilge pump in each hull with cockpit pump</li> <li>- 1 automatic immersed bilge pump by hull</li> <li>- 1 manual release non-immersed bilge pump by hull</li> </ul> </li> </ul>
<p><b>SAILS AND RIGGINGS</b></p>	<p><b>OTHER</b></p>
<ul style="list-style-type: none"> <li>▪ <b>Electric sheet winch system</b></li> <li>▪ Sails:             <ul style="list-style-type: none"> <li>- 1 high roach mainsail in Dacron with battens and Lagoon logo, 2 straps</li> <li>- 1 genoa in Dacron with UV protective band, 1 strap</li> </ul> </li> <li>▪ Sailing area: 100 m<sup>2</sup></li> <li>▪ Rigging:             <ul style="list-style-type: none"> <li>- Tripod aluminum mast with mainsail track and ball-bearing</li> <li>- Aluminum boom</li> <li>- 2 encased shrouds</li> <li>- 1 genoa forestay with manual fuller</li> <li>- 2 lazy-jacks for the mainsail</li> <li>- Deck light on the mast</li> </ul> </li> <li>▪ Running rigging:             <ul style="list-style-type: none"> <li>- 1 double purchase spectra mainsail halyard</li> <li>- 1 spectra Genoa halyard</li> <li>- 1 mainsail sheet pre-stretched</li> <li>- 2 genoa sheets pre-stretched</li> <li>- 1 boom topping lift</li> <li>- 3 reefing lines (1<sup>st</sup> dyneme)</li> <li>- 1 genoa furling line pre-stretched</li> <li>- 2 mainsail traveler car control lines pre-stretched</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Chartplotter: B&amp;G Zeus 5</b></li> <li>▪ <b>VHF in navstation, autopilot with color display, depth and speed instruments</b></li> <li>▪ <b>B&amp;G color instruments display</b></li> <li>▪ <b>Additional VHF station at helmstation</b></li> <li>▪ <b>AIS, autopilot, EPIRB, GPS, speed transducers, VHF, wind instruments</b></li> <li>▪ Chart table:             <ul style="list-style-type: none"> <li>- Large instrument console with panel to install the electronics</li> <li>- Seat "pouf"</li> <li>- Desk with flaps</li> <li>- 2 storage niches</li> </ul> </li> <li>▪ Construction:             <ul style="list-style-type: none"> <li>- Polyester and high quality anti-osmotic resin</li> <li>- Hull and deck laminated by infusion</li> <li>- Balsa core hull, solid laminate under water line, white gel coat</li> <li>- Balsa core bridge deck and deck</li> <li>- Laminated marine plywood bulkheads</li> </ul> </li> <li>▪ Hardware:             <ul style="list-style-type: none"> <li>- 3 manual winches 60.2 STA (mainsail)</li> <li>- Genoa tracks with genoa car and stopper</li> <li>- Anodized aluminum crossbeam with mooring point for the genoa furler, anchor roller and navigation lights</li> </ul> </li> <li>▪ Mooring:             <ul style="list-style-type: none"> <li>- Composite longitudinal crossbeam with avec integrated chain run and forestay chain plate</li> <li>- 8 mooring cleats</li> <li>- <b>1700W 12V electrical windlass with vertical axe, gypsy (chain 12mm) and wireless remote in the anchor locker</b></li> <li>- Access to the windlass and to the anchor locker through a vertical hatch</li> </ul> </li> <li>▪ Various equipment:             <ul style="list-style-type: none"> <li>- Pushpins with on port with flag pole and buoy bracket</li> <li>- Height of the stanchions: 610mm</li> <li>- 2 ranges of life line</li> </ul> </li> </ul>