

# AB YACHTS

BETTER THAN BEST

## AB100 - 193



**PETREL GLOBAL SHIPS  
& BOATS TRADING LLC**

Office 621, 6th Floor Block A, Business Village.  
Port-Saeed Deira, Dubai UAE  
[www.petrel-global.com](http://www.petrel-global.com), tel.: +971 52 821 6411

**GREY GOOSE**  
*Presentation Specs*

LOA	100' (30.50 m)	Build/Model year	2022 / 2022
Beam	22'4" (6.80 m)	Builder	AB Yachts
Draft	4'3" (1.30 m)		
Speed	cruising 45 knots max 49 knots	Type	Motor Yacht
		Location	Sport Fly, Planing Viareggio, Italy

**Additional specifications for GREY GOOSE**

LOA	100' (30.50 m)	Delivery/Model year	August 2022
Beam	22'4" (6.80 m)	Year built	2022
Draft	4'3" (1.30 m)	Builder	AB Yachts
Hull material	Composite	Type	Motor yacht
			Sport Fly, Planing
Superstructure	Composite	Engines	[3] MAN V12-2000 of 2000 hp/each (1471 kW/each)
Hull designer	AB Yachts	Staterooms	4
Deck material	Teak	Sleeps	9
Tonnage	147 GT	Captain and crew cabins	Yes
		Classifications	R.I.Na – C ✕ HULL • MACH Y – Unrestricted Navigation CE Certificate – Category A
Range at cruise speed	500 nm		
Speed	cruising 45 knots max 49 knots		
Fuel capacity	11,800 l (3,117 US gal)		
Water capacity	2,000 l (528 US gal)		







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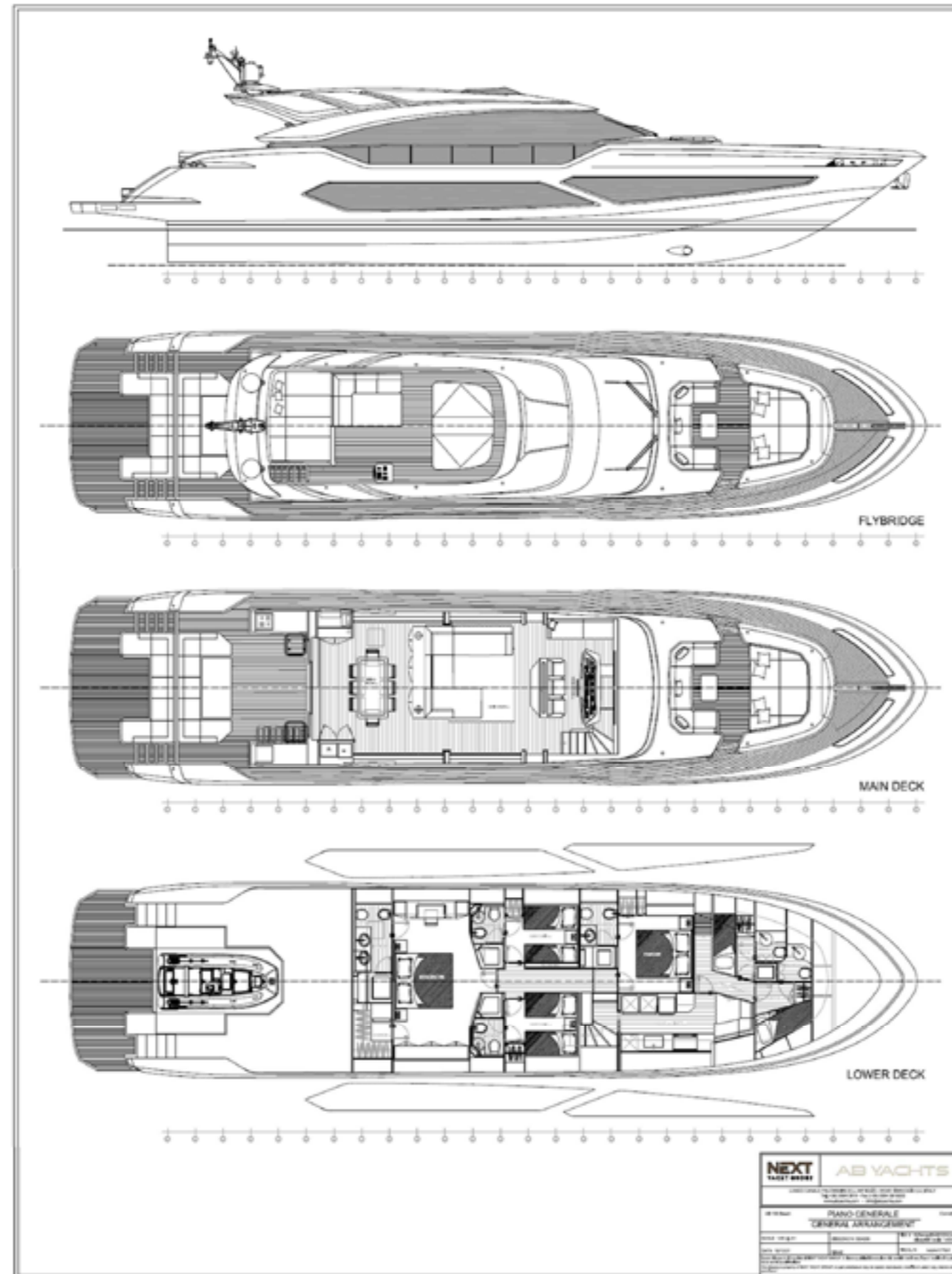








**General Arrangement Plan**





## Full Specification

### 1. MAIN CHARACTERISTICS

TYPE	Planing motor yacht, Sport Fly
BUILDER	AB Yachts
HULL NO.	193
NAVAL ARCHITECT	AB Yachts
EXTERIOR DESIGN	AB Yachts
INTERIOR DESIGN	AB Yachts
YEAR	2022
CLASSIFICATION	R.I.Na – C ✕ HULL • MACH Y – Unrestricted Navigation CE Certificate – Category A Composite Hull & Superstructure Teak Decks
CONSTRUCTION	
CREW	2 cabins (up to 4 berths)
FLAG	Italy
ENGINES	[3] MAN V-12 2000 of 2000 hp/each (1471 kW/each)
GT	147
DISPLACEMENT	87 t at full load

### 2. DIMENSIONS

LOA	100' (30.50 m)
LH	78'8" (23.99 m)
BEAM	22'4" (6.80 m)
DRAFT	4'3" (1.30 m)

### 3. SPEED AND RANGE UNDER POWER

MAXIMUM SPEED	49-50 knots
CRUISING SPEED	45 knots
ECONOMICAL SPEED	Between 28 knots (@1800 rpm) and 36 knots (@1950 rpm) the curve marks the same consumption of 21.1 l/h and 510 nm range
RANGE	500 nm at cruising speed

### 4. CAPACITIES

ACCOMMODATION	up to 9 guests in 4 cabins
CREW	4 crew in 2 cabins
FUEL	11,800 litres (3,117 US gal)
FRESH WATER	2,000 litres (528 US gal)
GREY AND BLACK WATER	1,350 litres (357 US gal)

### 5. ACCOMMODATION

<b>FLYING BRIDGE</b>	Sunbed Mini pilot station Coffee table Sofa Cooler drawers
<b>OWNER'S SUITE</b>	[1] King-size bed Master cabin with bathroom and dressing area
<b>MAIN DECK</b>	Main deck salon with al fresco dining for 8 persons Wheelhouse with three pilot seats L-shape sofa on the midship with 75" drop-down TV
<b>VIP CABIN</b>	VIP Queen-size bed cabin and ensuite bathroom
<b>LOWER DECK</b>	Owner's suite, VIP and Guests accommodations Crew accommodation with crew mess, two bed staff cabin, laundry, galley
<b>GUEST CABINS</b>	[2] Double cabins, one of them is with an additional pullman berth

### 6. MECHANICAL EQUIPMENT

<b>ENGINES</b>	[3] MAN V-12 2000 of 2000 hp/each (1471 kW/each)
<b>GEARBOXES</b>	[3] ZF type
<b>PROPULSION</b>	[3] MJP waterjets (2 steerable + 1 central booster)
<b>STEERING SYSTEM</b>	MJP waterjet propulsion
<b>STABILIZER</b>	SEAKEEPER 26
<b>BOW THRUSTER</b>	SAC 320 SIDE POWER 320Kg 400v.3F
<b>GENERATORS</b>	[2] 28 kW, 380V Three Phase, 50Hz, KOHLER
<b>INSULATION</b>	45 KVA, 50 Hz, 380V, 220V
<b>TRANSFORMER</b>	
<b>SHORE POWER CABLE</b>	25 m, 63 A, 3-phase + neutral + ground
<b>CHARGES</b>	Master Volt
<b>CONVERTERS</b>	Master Volt
<b>HYDRAULIC SYSTEMS</b>	Aft gangway Aft platform Swimming ladder The hydraulic pack is equipped with motor 24V c.c. and/or 380 V c.a.
<b>AIR CONDITIONING</b>	120.000 Btu/h, CONDARIA
<b>WATER MAKER</b>	180 lt/h, IDROMAR
<b>TOILET SYSTEM</b>	PLANUS
<b>FUEL FILTERS</b>	Main engines MAN fuel filters Main engines MAN fuel pre-filters Main engines MAN double Racor fuel pre-filters





<b>AIR COMPRESSOR</b>	Generators Kohler fuel filters Generators Kohler pre-filters GIS GS9/24/CAR/M 24LT
<b>7. NAVIGATION AND COMMUNICATION EQUIPMENT</b>	
<b>MAGNETIC COMPASS</b>	RIVIERA
<b>GYRO COMPASS</b>	SIMPRAD Precision-9
<b>CAMERA(S)</b>	FLIR M300 series
<b>NAVIGATION LIGHTS</b>	4C
<b>SEARCHLIGHT</b>	SANSHIN
<b>AUTOPILOT</b>	SIMRAD AP70 MK2
<b>WEATHER STATION</b>	AIRMAR
<b>CONTROL UNIT</b>	SIMRAD AP70/AP80
<b>VHF</b>	RAYMARINE RAY90/91
<b>GPS RECIEVER</b>	RADIO RAYMIC 60/70
<b>AIS</b>	RAYMARINE RS 150
<b>LUOD HAILER</b>	RAYMARINE 700 CLASS B TRANSCEVIER
<b>TRANSDUCER</b>	FURUNO LH-5000
<b>SOUNDER</b>	AIRMAR
<b>DISPLAY</b>	RAYMARINE CP370
<b>RADAR</b>	AXIOM XL 24
<b>COMPASS SAFE</b>	RAYMARINE QUANTUM2
<b>EMERGENCY</b>	BEIJER
<b>POSITION INDICATING</b>	OCEAN SIGNAL
<b>RADIO BEACON</b>	
<b>8. DECK EQUIPMENT</b>	
<b>ANCHOR WINDLASS</b>	[1] MZ ELECTRONIC 4kW
<b>AFT WARPING CAPSTANS</b>	[2] MZ ELECTRONIC 2,2 kW
<b>ANCHOR</b>	[1] HHP-Ray Anchor Kg.120 hot galvanized steel
<b>ANCHOR CHAINS</b>	165 meters hot galvanized steel D.12mm
<b>PASSERELLE</b>	MORSAVERIO telescopic electro-hydraulic gangway installed inside the transom, totally built-in with removable handrails
<b>SWIMMING PLATFORM</b>	MORSAVERIO electro-hydraulic swimming ladder is located inside the aft platform totally built-in  - Control panel located close to the aft transom. - Stainless-steel structure and teak steps. - Suitable length to allow an easy walk-up of a person from the sea.

<b>SHADE TENTS w/ CARBON FIBRE POLES</b>	- Suitable width to allow an easy usage of the ladder.  For covering the aft main deck, beach area, fly deck and foredeck
<b>PVC COVERS</b>	All exterior cushions and storage bags Exterior tables and seats
<b>9. ENTERTAINMENT EQUIPMENT</b>	
<b>OWNER'S CABIN</b>	Samsung Smart TV NEO QLed 55" 4K [1] Decoder TV Sat [1] HDMI&USB joint Streaming: Netflix, Disney+ etc. from Smart TV. Spotify, Sirius and Airplay2 from the Creston amplifier [2] Dynaudio P4-W65 6.5" rectangular diffusers [1] Apple iPad Mini 6 65 GB Wi-Fi (Creston configured)
<b>VIP AND GUEST CABINS</b>	<u>Per cabin</u> VIP: Samsung TV LED 32" Full HD Guest: Samsung TV LED 32" Full HD [1] Decoder TV Sat [1] HDMI&USB joint Streaming: Netflix, Disney+ etc. from Smart TV. Spotify, Sirius and Airplay2 from the Creston amplifier [2] Dynaudio P4-W65 6.5" rectangular diffusers [1] Apple iPad Mini 6 65 GB Wi-Fi (Creston configured)
<b>MAIN SALON</b>	Samsung Smart TV 75" [1] Decoder TV Sat [1] HDMI&USB joint Streaming: Netflix, Disney+ etc. from Smart TV. Spotify, Sirius and Airplay2 from the Creston amplifier [7] Dynaudio P4-W65 6.5" rectangular diffusers [1] B&W subwoofer ASW608 [1] Apple iPad Mini 6 65 GB Wi-Fi (Creston configured)
<b>EXTERNAL AREAS</b>	<u>For flybridge area, aft cockpit and foredeck</u> JL-Audio marine diffusers 6.5" – [4] aft deck, [2] aft cockpit, [4] flybridge Multichannel amplifier Creston 16ch, 300W with streaming audio Airplay2, Spotify Connect, Sirius XM
<b>IT AND WI-FI</b>	[1] Router Peplink 4G with one SIM and receiver Wi-Fi integrated with Wi-Fi harbour connection [1] Ubiquiti Dream Machine Pro Router wireless controller, firewall





[1] Ubiquiti with 48 PoE switch for physical network connection  
 [5] Ubiquiti Access Point UniFi 6 Long-Range 3000 Mbit/s PoE (on all decks)  
 [2] Poynting Marine & Coastal Wi-Fi gain 9dBi  
 [2] Poynting Marine & Coastal LTE/5G & Wi-Fi Gain 9dBi

**TVCC**

[5] DAHUA SD22404T-GN-S2 Mini PTZ network camera (3 in engine room, 1 in the aft, 1 on the mast)  
 [1] Mini bullet IP AI WizMind Starlight from inside (salon)  
 [1] DAHUA NVR4104HS-4KS2 NVR recorder

**10. HOUSEHOLD APPLIANCES**

**GALLEY**

Refrigerator LIEBHERR  
 Freezer LIEBHERR  
 Oven MIELE  
 Cooker hood MIELE  
 Induction hob MIELE  
 Microwave oven MIELE  
 Dishwasher MIELE  
 Wine storage cabinet LIEBHERR

**LAUNDRY**

Washing machine MIELE

**FLYING BRIDGE**

Drawer fridge DOMETIC

**MAIN DECK**

Minibar INDEL B  
 Base unit fridge LIEBHERR  
 Icemaker RARITAN

**11. LIST OF MACHINERIES**

Material	Type	Manufacturer
<b>ENGINE ROOM / sala macchine</b>		
Main engines / motori	MAN V-12 2000 engines, 2000 hp/each 1471kw @2300rpm	MAN
Gearboxes / invertitori	ZF 3055 R=1,5:1	ZF
Generators / gruppi elettrogeni	KOHLER 28Kw 400V 3Phase 50Hz	KOHLER
Watermaker / dissalatore	MiniCompact MC3 180Lt.ora 400V.3F.50Hz	IDROMAR
Air conditioning system / aria condizionata	PCWM-VAR 30002 120.000BTU 400V.50Hz.3F.	CONDARIA - DOMETIC GROUP
Bilge Pump / pompa sentina	ACB 431/B 400v.3F.50Hz.2,2Kw	GIANNESCHI PUMPS&BLOWERS
Fire Pump / pompa incendio	ACB 431 24v. 1,5Kw.	GIANNESCHI PUMPS&BLOWERS
Emergency Fire Pump / pompa incendio emergenza	WH 20	HONDA

Fresh water Pumps / pompe autoclavi	nr. 2 ECOJET2B c.el.24+230V.1Ph.50Hz	GIANNESCHI PUMPS&BLOWERS
Sewage Pump / pompa acque nere	ECO-MV44 "G" 24V.0,33Kw.	GIANNESCHI PUMPS&BLOWERS
Fuel transfer Pumps / pompe travaso nafta	CP 40G a 24V. da 0,9Kw. - Excelsior 2 -	GIANNESCHI PUMPS&BLOWERS
Ice maker Pump / pompa alimento ice maker	Idromini ACB 61G 24V	GIANNESCHI PUMPS&BLOWERS
Boiler / scaldabagno	nr. 2 da 80Lt 3kW 400V 3F 50Hz	GIANNESCHI PUMPS&BLOWERS
E.R. Electric fans / elettro-ventilatori	nr. 2 ELL/AP 459 400V3F 50Hz	GIANNESCHI PUMPS&BLOWERS
Bathroom Electric fans / elettro-estrattori bagni	nr. 5 C-202 230V 50Hz	GIANNESCHI PUMPS&BLOWERS
Service Battery Chargers / caricabatterie servizi	nr. 2 Mass Colorado 24/75	MASTERVOLT
Main Engines Battery Chargers / caricabatterie motori principali	nr. 1 Mass Colorado 24/75	MASTERVOLT
Waterjet Battery Chargers / caricabatterie MJP	nr. 1 Mass Colorado 24/15	MASTERVOLT
Gensets Battery Chargers / caricabatterie gruppi elettrogeni	nr. 1 Charge Master 12/25-3	MASTERVOLT
Radio and Emergency Battery Chargers / caricabatterie radio - emergenza	nr. 2 Charge Master 24/20-3	MASTERVOLT
Inverter	nr. 1 Mass Sine 24/4000	MASTERVOLT
Service batteries / servizi	nr. 12 Exide gel ES-1100/6	EXIDE
Starting batteries / avviamento	nr. 6 Exide EF2353	EXIDE
Waterjet batteries/ elettr.MJP	Exide gel ER-450	EXIDE
Emergency lights batteries / emergenza luci	nr. 4 Exide gel ES-950	EXIDE
Emergency radio batteries / emergenza radio	nr. 2 Exide gel ES-900	EXIDE
Generators batteries / batterie generatori	nr. 2 Exide EA1000	EXIDE
Bow thruster	SAC 320 SIDE POWER 320Kg 400v.3F	SIDE POWER
Fire detection system / impianto rilevazione incendi	CONSILIUM Salwico CA-51000	CONSILIUM MAR.
Fixed Fire extinguishing syst./ antincendio fisso AM	Fireban - Fixed aerosol fire-extinguisher system	Centro Antincendio
Various engine room hatches / portelli vari sala macchine		SOLIMAR - METASTYLE
Genset fuel filters / filtri gasolio gruppi elettrogeni	Racor 500 MA	RACOR
Gasket filters / filtri a cestello	Mediterraneo art.1283 – Manta art.1260,1261,1350	GUIDI
Automatic bilge pump / pompe sommergibili automatiche	Rule 1500 24v.	RULE
Gray water tank / cassetta acque grigie	Pro-Lift Mono 220V	PLANUS





<b>Fuel tank level gauge /</b> indicatore livello gasolio	D-40	S.T.S.
<b>Fuel tank level sensors /</b> Sonde livello casse gasolio	Vega Hart Vegawell 52 - Vega Vegabar 82	VEGA
<b>Water tank level sensors /</b> Sonde livello casse acqua	Vega Hart Vegawell 52	VEGA
<b>Waste tank level sensors /</b> Livelli casse acque nere	Vega Vegaflex 81	VEGA
<b>Engine room compressor /</b> compressore sala macchine	GIS GS9/24/CAR/M 24LT.	GIS (C.S.A)
<b>INSTALLATIONS / impianti</b>		
<b>Household machinery /</b> Elettrodomestici	See Annex "A"	
<b>Electronic instruments /</b> Elettronici	See Annex "B"	
<b>Audio Video system – TVCC –</b> <b>Wi-fi /</b> impianto audio video – video sorveglianza - internet	See Annex "C"	
<b>Intercom / interfonico</b>	LH-5000	FURUNO
<b>Watch/Barometer/Igrometer -</b> orologio, barometro, igrometro	mod. Star	BARIGO
<b>Windshield wipers / tergivetri</b>	mod. M DCS2.024	SPEICH
<b>TV SAT antenna / antenna</b> satellitare	Seatel mod.ST24E Radome D.68cm.	SEA TEL
<b>Whistle / tromba acustica</b>	mod. D-330	KAHLENBERG
<b>Search light / proiettore girevole</b>	Sanshin HR1012 24V	SANSHIN RECORD
<b>MAIN DECK OUTFITTINGS / armamento di coperta</b>		
<b>Gangway / passerella</b>	custom made	MORSAVERIO
<b>Swimming Ladder / scala da</b> bagno	custom made	MORSAVERIO
<b>Main door mechanism /</b> meccanismo porta principale poppa	custom made	STEEL WORKS
<b>Portlight / oblò</b>	Double flat	SCM INOX
<b>Side air water/stop grills /</b> griglie aria-acqua	SB20	FEIT
<b>Navigation Lights / luci di</b> navigazione	LED	4C Innovation
<b>Windlass / verricello</b> salpaancore	nr. 1 mod. MOON 4 kW 400V 3F (1250kg)	MZ ELECTRONIC
<b>Aft winch / tonneggio di poppa</b>	nr. 2 mod. ARAN 2,2 kW 400V 3F (525kg)	MZ ELECTRONIC
<b>Main anchors / ancora</b> principale	nr. 1 HHP-Ray Anchor Kg.120 hot galvanized steel	MANSON
<b>Chains / catene</b>	16 mt hot galvanized steel D.12mm	RIGAMONTI CATENIFICIO
<b>Mooring bits / bitte ormeggio</b>	AISI316 400mm - 300mm custom made	MECLINE
<b>Liferafts / zattere salvataggio</b>	ZODIAC 6P + 10P X-Tream Solas Pack-B	ZODIAC
<b>Mooring rope / cima ormeggio</b>	Storm Line diameter 28mm.	YachtService
<b>Fenders / parabordi</b>	nr. 8 F6 - nr.2 A4	POLIFORM

<b>Emergency Telescopic</b> <b>ladders / scalette telescopiche</b>	Mini Loft	SVELT
<b>Name of the boat / Nome di</b> poppa	In steel, width 3mm	NUMBER ONE
<b>SAFETY EQUIPMENT / dotazioni sicurezza</b>		
<b>Life belts-adults / Cintura</b> salvagente	nr. 18 Worldlife-8 omol. MED IMO- MSC.200(80)	OSCOLATI
<b>Life belts-childs / Cintura</b> salvagente	nr. 3 Worldlife-8 omol. MED IMO- MSC.200(80)	OSCOLATI
<b>Lifebuoy ring / Salvagente</b> anulare	nr. 2 Dm 64cm	OSCOLATI
<b>Rocket parachute flares /</b> Razzo a paracadute	nr. 4 kit over 50 miles	OSCOLATI
<b>Marine signal / Segnale marino</b>	nr. 4 kit over 50 miles	OSCOLATI
<b>Marine smoke signal / Segnale</b> marino fumogeno	Nr. 3 kit over 50 miles	OSCOLATI
<b>Black balloon / pallone nero</b>	n. 3 Dm.300mm	OSCOLATI
<b>Radar reflector / Riflettore radar</b>		OSCOLATI
<b>Pharmacy kit / Kit medicinali</b> Cat.C MSN 1768	Table "A" A.D.M.1/10/15	OSCOLATI
<b>C02 extinguisher 5Kg CE-MED</b> - Estintore CO2	nr. 1 MED 113B	CENTRO ANTINCENDIO
<b>Foam fire extinguisher 9Lt.</b> <b>CE-MED / Estintore a schiuma</b>	nr. 1 MED 34A-233B	CENTRO ANTINCENDIO
<b>Powder fire extinguisher</b> <b>6Kg.CE-MED /Estintore polvere</b>	nr. 1 MED	CENTRO ANTINCENDIO
<b>Powder fire extinguisher</b> <b>1Kg.CE-MED / Estintore polvere</b>	nr. 7 MED	CENTRO ANTINCENDIO
<b>Powder fire extinguisher</b> <b>2Kg.CE-MED / Estintore polvere</b>	nr. 2 MED	CENTRO ANTINCENDIO
<b>Coperta antifiamma</b>	nr.1 mis. 200x120	CENTRO ANTINCENDIO





## 12. OPTIONAL ITEMS INCLUDED

The following optional items are included:

- Gyroscopic Stabilizer SEAKEEPER M26
- Parallel generators' system
- Seamless transfer system between the shore power and the generator
- Nr. 4 Underwater lights on the transom (fixed white light)
- Mini pilot station on the flying bridge
- Third aft control station
- Forward capstan beside the windlass
- Bow air intake for the internal ventilation
- External floor-level saloon door
- Aft awning, covering the sofa on the foredeck and the sofa on the flying bridge
- Aft vessel name made in white backlit steel
- Flag pole on the flying bridge
- Air compressor with couplings in the engine room, on the stern, on the bow and on the flying bridge
- Nr.3 Pilot seats Aras model "Firenze compo"
- Activated carbon filters for black water vent
- UV filter on the fresh water system
- Nr.1 shower aft starboard corner, nr.1 shower on the bow, nr. 1 shower on the flying bridge and nr. 1 removable outdoor shower mod. Inox Style Dream Carbon Y in the aft beach area
- CCTV system with nr. 3 cameras PTZ type in the engine room, nr. 1 in the saloon, nr. 1 in the aft cockpit, nr. 1 on the mast headlights, remote viewing.
- Monitoring system in the crew mess

## 13. GENERAL DESCRIPTION

**AB YACHTS** is the Next Yacht Group brand that offers the sportiest products - a combination of technology and unparalleled style, with extraordinary performances in terms of speed, manoeuvrability and comfort and with exclusive glamour, and functional solutions, to enjoy life at sea like never before.

AB YACHTS is market leader in this segment, and the only true option for owners wishing to create an incomparable jewel, impossible to imitate, and to safely and efficiently experience the pleasure of high performances, discovering more in less time: cruising in the utmost comfort from Portofino to Saint Tropez in just a couple of hours, or from Miami to Cat Cays, Bahamas, in an hour is no longer a luxury, but reality.

The AB 100 offers her guests the thrill of speeding at 50 knots almost without noticing it, enjoying maximum comfort and unmatched efficiency while experiencing the rush of pure adrenaline in total safety. Behind such impressive performances stand a construction technique perfected in over 30 years' experience; cutting-edge technological solutions in propulsion, stabilization, trim control and seakeeping; and AB YACHTS' painstaking care for details and for nurturing the Owner's passion and expectations.

This unit is one more proof of outstanding product configuration versatility, with even more charming interiors and a series of solutions that make the most of onboard spaces. The concealed sliding door connects the aft cockpit and the salon, to create one single, generous open space, free of any physical obstacles and pervaded by the natural light that shines through floor-to-ceiling glazed surfaces, offering a 360-degree breathtaking view and a constant eye contact with the sea. The stern hosts a fully-equipped, ready-to-enjoy beach area, featuring an exclusive, innovative AB YACHTS system to launch /haul and store tender, with water toys and everything is needed truly at hand. All onboard areas, both indoor and outdoor, are extremely versatile, to be fully enjoyed by guests and reflect their unique lifestyle and preferences.













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