

PROJECT R — BREMER VULKAN AG



Builder: BREMER VULKAN AG

LOA: 344' 6" (105.00m)

Year Built: 2023

Beam: 65' 8" (20.00m)

Model: Mega Yacht

Max Draft: 18' 1" (5.50m)

Price: PRICE ON APPLICATION

Location: Germany

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **PROJECT R — BREMER VULKAN AG** from **our catalogue**. Presently, at **Shestakov Yacht Sales Inc.**, we have a wide variety of yachts available on **our sale's list**. We also work in close contact with all the big **yacht manufacturers** from all over the world.

If you would like to buy a yacht **PROJECT R — BREMER VULKAN AG** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

TABLE OF CONTENTS

TABLE OF CONTENTS	2
SPECIFICATIONS	3
Overview	3
Basic Information	7
Dimensions	7
Speed, Capacities and Weight	7
Accommodations	7
Hull and Deck Information	8
Engine Information	8
PHOTOS	9
2407894_source	9
CONTACTS	11
Contact details	11
Telephones	11
Office hours	11
Address	11

SPECIFICATIONS

Overview

COMMERCIAL / PLEASURE YACHT

Basic Specifications

GENERAL105 Pleasure Yacht

The vessel is intended to be a Pleasure Yacht, offering adventure and stress free enjoyment to the lucky few. The cruising area is envisioned to be worldwide regions, The ship should be very self-sufficientable to operate in remote areas without port facilities. Systems need to be as simple and reliable as possible with good redundancy. The following is an outline of the main features of the vessel and its capabilities:

MAIN PARTICULARS

Length overall: 105 m Length BP: 85 m Beam: 20 m Max.draft: 5.5 m Max Speed: 17 - 21kts Displacement: TBD Endurance: 8,000 N miles Gross Tonnage: 6400 tonnes ApproxTANK CAPACITY

Fresh water 100 m cu MGO (Diesel) 400 m cu Grey/Black Water 60 m cu

MAIN MACHINERY PARTICULARS

Twin screw fixed pitch propellers 2 x main diesel engines Bow thruster Stern thruster 4 Main Diesel Generators 1 x 500 kW Emergency Generator, High Speed Diesel

CLASS AND STATUTORY CERTIFICATION

Passenger Yacht Code <36 passengers Cayman Islands Lloyds 100 A1 PYC + UMS , SCM PACI100 Character figure assigned to ships considered suitable for sea-going service. A Character letter assigned to ships which have been constructed or accepted into class in accordance with the Society's Rules and Regulations. 1 Ships having on board, in good and efficient condition, anchoring and/or mooring equipment in accordance with the RulesPYC Passenger yacht Code to carry between 13 and up to 36 passengers + The ship was constructed under the Society's Special Survey in compliance with the Society's Rules.UMS Machinery of the ship can be operated by remote and/or automatic control equipment with the machinery spaces left unattended.PAC1 Comfort Class in Guest SpacesSCM Extended Dry dock periodsHULL&SUPERSTRUCTUREThe hull is intended to be Grade A steel.Construction may be transverse or longitudinal, although longitudinal is anticipated in the hull and superstructure.

Superstructure AluminumThe hull shape is designed for comfort, and economy, it is a rounded bilge and transom stern. Large bilge keels to be fitted for roll damping, along with a pair of retractable active fin stabilizers. Fin stabilizers also to have zero speed capability. Painting can be conventional yacht standard. The ship is assumed as being a two-compartment ship. Watertight bulkheads have been placed, their positions to offer stability in the event of simultaneous damage to any two compartment. In addition to the transverse watertight bulkheads, compartments are further divided by double bottoms and extensive wing tanks above the tank top. This compartmentalization further limits the effect of possible hull damage. The positioning of oil & fuel tanks have been located to reduce the risk of possible damage, fwd of midships there is no fuel in the double bottom and no fuel in wing tanks. Thereby increasing the environmental protection aspects. Stability standards to be in conformity with latest intact stability standards and Probabilistic damaged stability standards

FIRE ZONE The ship is divided into two Vertical Fire Zones.

The vertical distance between the steel decks is typically 2,800 mm but it has been increased in way of the public rooms to allow a greater ceiling height.

SPECIAL FEATURES Several large shell doors P+S cut into the ships hull

- 2 x Tender Garage doors, top hinged to permit launch & recovery of tenders
- 1 x Balcony doors in the Health Spa, bottom hinged shell doors that open to create a balcony
- 2 x Low level shell doors for tender embarkation

Bow shape, curved stem, noticeable chine which in addition to more innovative appearance has some advantages - longer waterline length, lower resistance, lower power requirement, lower acceleration in rough sea, which allows increase comfort & speed in a seaway and the chine reduced spray.

PROTECTION OF ENVIRONMENT We have considered to incorporate latest methods for environmental protection.

Hydrodynamic hull shape & Large diameter propellers, a fuel efficient solution. Exhaust gas treatment Waste treatment; Extensive waste holding facilities & waste treatment equipment, allows the vessel to operate with minimum environmental impact.

TENDERS & WATER TOYS A large tender garage. The tender garage close to the water, it is low enough to allow quick launch & recovery. Overhead beam cranes are provided for that purpose. The cranes are multi-purpose.

HELICOPTER DECK Bridge deck landing; offering a more protective location.

LIFERAFTS There are 2 rescue/lifeboats. Providing rescue capacity on either ship side. Liferaft capacity for 100% of persons onboard, suitable for extended voyages.

ACCOMMODATION AND CARPENTRY Under development. 18

GUEST ACCOMMODATION INCLUDING;

- 1 x Owner with balcony (Yacht Standard)
- 4 VIP with Balcony (Yacht Standard)
- 10 Doubles (High end commercial)
- 3 Twins (High end commercial)

GUEST PUBLIC SPACES

- Dining room
- Main lounge Bar Dining
- Fwd observation lounge/Library
- Aft Quiet Saloon
- Cinema
- Sun deck bar
- Spa

Wellness (Hamman, massage room. Sauna) - Fitness
 CentreOPERATIONAL SPACES - Galley - Pantries - Refrigerates
 Stores - Dry Stores - Boat Garage - Bridge - Covered mooring
 deck - Laundry - Crew Gymnasium - Crew Entertainment
 areaCREW SPACES - 10 single cabins - 16 double cabins - 4 single
 occupancy for Entourage / SecurityOwners Area Total 1387 m2Owners Deck
 = 521 m2 (quiet salon, atrium, owners office, his/hers bathroom, owners
 suite)Upper Deck = 469 m2 (dining lounge, wine room, atrium, library)Main
 Deck = 397 m2 (main salon, atrium)Guest: Area Total = 1470 m2Bridge Deck
 = 75 m2 (Gym, Lobby)Upper Deck = 410 m2 (cinema, vip cabins)Main Deck
 = 618 m2 (computer room, assembly station, guest cabins, guest
 lobby)Lower Deck = 366 m2 (spa, beach club)MACHINERYSimple and reliable
 systems to be selected to assure the ships ability to operate away from
 developed ports and infrastructure. The self-sufficiency is intended to
 include and permit the ability to bypass systems and automation and run as
 many systems as practical in a get home mode, allowing the ship to be able
 to maintain basic safe operation, and propulsion power even in the event of
 damage, to allow the ship to continue its voyage out of remote areas
 without assistance, towards ports where shore support is more
 practical.PROPULSION We have selected a conventional propulsion
 system; Efficient & Reliable operation are the prime considerations.
 Two shafts and gearboxes with fixed pitch propellers Diesel propulsion
 diesel engines capable to power the ship to approx 17-21 kts.STEERING &
 MANOEUVRING Two high lift flap rudders and independent steering gears
 provided great manoeuvrability. In addition for enhanced manoeuvrability
 is provided with bow and stern thrusters. With sufficient power to push the
 ship off the dock into winds of 28kts.ELECTRICAL GENERATION

4 Diesel Generators are fitted with particle filters and high spec
 silencers. Emergency Generator High Speed Diesel generator, 380V 50Hz
 3phFUEL Marine Diesel Oil, with possibility to burn bio fuelOTHER
 EQUIPMENT Hot water heater, with electrical heating elements.
 Reverse osmosis fresh water makers 2 x 30 tons/day Vacuum Toilet
 system, with built in redundancy Biological Sewage treatment plan
 Sophisticated waste treatment plantAMBIENT OPERATING CONDITIONS
 Summer conditions: • outside temperature : 42°C, seawater 36°C ,
 relative humidity 85% • inside temperature : 22°C, relative humidity
 55%. Winter conditions: • outside temperature: -5°C, seawater 5°C ,
 relative humidity 25% • inside temperature : 22°C, relative humidity
 55%.VENTILATION & AIR CONDITIONINGAll accommodation and service
 spaces is to be air-conditioned.The air conditioning system is to have
 central compressors and remote Air Handlers & ducted air.The Air Handlers
 are to have both Hot and Chilled water lines. Chilled water is produced by
 the central compressors and Hot water is produced by a reverse cycle

process within the compressor systems. The system will be sized to have a level of redundancy. Individual Air Condition Control to be possible from each cabin by the passenger PIPING Steel or galvanized steel pipes for most systems Copper nickel sea water cooling pipes Plastic pipes used within accommodation for domestic system, H&C water, chilled water lines, sanitary gray & black water drainage. ELECTRICAL INSTALLATION ELECTRICAL DISTRIBUTION & MONITORING SYSTEM to be detailed INTERNAL COMMUNICATION EQUIPMENT - Modern phone system (PABX) with one or more phones in each space. Possibility for direct dial via satellite, Space for integration of 3rd party supplied call accounting hard & software. - Wireless phone system for ships officers connected to ships main PABX - Cellular hub, to allow personal cell phones to operate at all times - Computer network, an extensive computer network to be installed. A hub and spoke system, cabling to be high quality Cat 6 cable. The hub to be located in central space, terminals to be located in; - every public rooms behind every bar, several in every office, one in each officer cabin, in each pax cabin - Wi-fi Computer network. Extensive network to permit coverage in all guest areas and crew public areas & work spaces. - TV & MUSIC Distribution via Cat 6 cable to TV in every cabin - PUBLIC ADDRESS SYSTEM, standalone system with integration of ship alarm. EXTERNAL GUEST COMMUNICATIONS In addition to ships communication system there shall be for guest communications - Multiple cellular phone transceivers - Multiple iridium satellite phone lines - C band satellite broadband internet NAVIGATION, COMMUNICATION & SAFETY INTEGRATED NAVIGATION BRIDGE - 2 x ARPA radar, 1 planning screen, interface with ships computer network - GMDSS Radios station sea areas A1, A2 & A3 - Machinery & systems monitoring screen - Safety system, Fire doors monitoring, Watertight door monitoring, Fire detection & monitoring, - PA & alarm system, ISPS security systems. LIFESAVING & SAFETY Life saving appliances to assume a maximum number of persons on-board for unlimited navigation. Additional guest can be considered for stationary events or short coastal voyages. - Lifejackets, for all persons on-board plus spares - Thermal protective aids for all persons - Immersion Suites, for rescue boats & watch keepers - Space for storing immersion suites for all persons - rescue boat - Life rafts as required Fire detection - Electrical addressable system, with integrated fire patrol system Fire fighting - water mist sprinklers in accommodation & service spaces, sprinklers for Engine Room, Local protection system in ER. CENTRAL CONTROL STATION All safety management and control system will be grouped in one central location to allow the most efficient solution. DECK GEAR ANCHORS AND ANCHOR CHAINS Two bow anchors & one stern anchor MOORING Fairleads bollards arranged to permit passage of Panama Canal. Mooring arrangements & boat boom for tenders operations. Two mooring winches or capstans on fore deck & two aft GANGWAYS

Two retractable gangways with self-levelling steps Stern Passerelle, to permit access when moored 5m away from dock
DECK CRANES & MISC
Four overhead cranes in tender garage 5 tons 10m outreach each

Basic Information

Category: Mega Yacht

Model Year: 2023

Year Built: 2023

Country: Germany

Fly Bridge: Yes

Cockpit: Yes

Helipad: Yes

Dimensions

LOA: 344' 6" (105.00m)

Beam: 65' 8" (20.00m)

Max Draft: 18' 1" (5.50m)

MFG Length: 334' 8" (102.00m)

Speed, Capacities and Weight

Gross Tonnage: 6400 Pounds

Water Capacity: 26417.2052 Gallons

Holding Tank: 15850.32312 Gallons

Fuel Capacity: 105668.8208 Gallons

Accommodations

Total Cabins: 18

Hull and Deck Information

Hull Material: Steel

Deck Material: Aluminum

Hull Configuration: Displacement w/
Bulbous Bow

Hull Color: WHITE

Hull Finish: Steel

Exterior Designer: H2

Interior Designer: H2

Engine Information

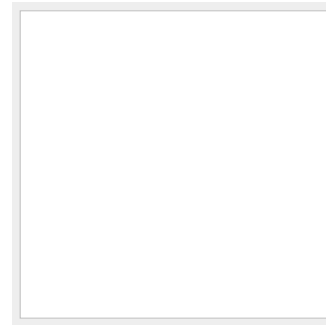
Engines: 2

Manufacturer: MTU

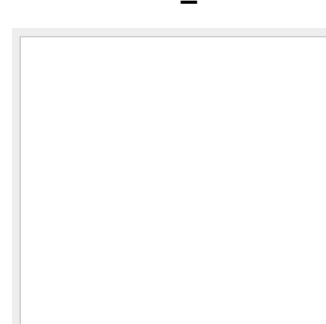
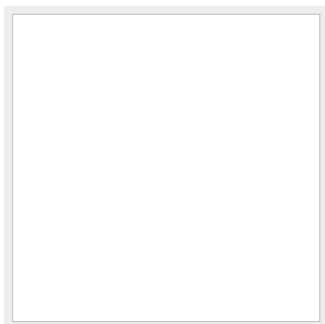
Engine Type: Inboard

Fuel Type: Diesel/Electric

PHOTOS



2407894_source





CONTACTS

Andrey Shestakov, leading yacht broker of the sales department of Shestakov Yacht Sales Inc. Shestakov Yacht Sales Inc., the official representative of the Miami/Fort Lauderdale FL headquarters.

Contact details

Email: **andrey@shestakovyachtsales.com**

Web: shestakovyachtsales.com/en/

Telephones

USA: **+1(954)274-4435**

Office hours

Monday – Saturday: **9:00 - 21:00** EDT

Sunday: **closed**

Address



Harbour Towne Marina, 850 NE 3rd St, STE 213, Dania, FL 33004