

RIB 24'

7,49 m up to 48 kn

The heart of this boat is its innovative hull which features for the first time a stepped hull coupled to a water jet propulsion system. It is thanks to this new patented design that the RIB 24' can achieve speeds of up to 48 knots in complete safety, with enhanced stability given by the low to the water inflatable collar, which is fixed to the boat by aluminium anodized profiles.

Rather than a conventional hull the RIB has improved stability as the inflatable collar provide additional buoyancy on the longitudinal and transversal axes and allows for higher payloads to be carried without influencing the stability of the vessel. The RIB offers also a more comfortable ride, especially in rough sea conditions as the inflatable collars when in contact with the waves serves as a pneumatic suspension system.

The RIB 24' has been designed with an eye on simplicity and functionality in order to ensure the maximum operating hours and a minimum down time. The scope was to place on the market a boat with minimum maintenance and performances adequate for the most demanding entities.

RIB 34' SF

10 m up to 60 kn

The RIB 34' SF is the new born among the FB Design RIB series; it is a natural evolution based on the very successful RIB 39' SF, shorter enough to stay within the non-registered boats limit of 10m.

The boat is entirely CAD designed and guarantees very precised shapes. Thanks to the revolutionary [Structural Foam®](#) injection system, the RIB 34' SF is unsinkable, and this trasmits an impressive toughness feeling to the pilot. The perfect symmetry and balancing offers the best stability performance an every condition.

The RIB 34' SF features an innovative hydraulic elevator that can take in and out of the water all possible persons, even with heavy equipment, with zero effort.

The boat fits in a 40' container, thus allowing easy and cheap worldwide transportation.

FB 38' STAB SF

11,4 m up to 60 kn

The most significant aspects of the FB 38' STAB® SF are: the ZF Ring Drive surface drives, an excellent stability thanks to the [STAB®](#) concept, the totally unsinkability thanks to the [Structural Foam®](#) injection system. It's a multi-functional platform suitable for many different operational requirements and deck layouts and the capability of transporting up to 14 passengers with a crew of two and many optional gun mounts. This boat is available also with outboards.

RIB 39' SF

12,94 m up to 70 kn

The new Buzzi 39' RIB is the evolution of the [FB 38' STAB SF](#)

Thanks to the [Structural Foam®](#) injection system, the RIB 39' is an unsinkable and very resistant hull. The full collar, fixed to the hull by means of the same patented system of the STAB concept, that includes GRP poltruded rails, embedded in the lamination, makes it a very safe and stable boats, even in rough seas.

This boat can fit perfectly in a 40' container, with the collars deflated.

FB 42' STAB

12,94 m up to 70 kn

The FB 42' STAB® is a high-speed interceptor that features a series of innovative solutions like the anti dive bow, and the two separate inflatable stabilizer tubes [STAB®](#) positioned one on each side.

The hull is completely built in kevlar and balsa sandwich. This structure guarantees extreme high resistance and reduced weight. The cockpit is very spacious and well protected with high side walls. A very functional wheelhouse top is fixed to cover the operators' seats and features completely open sides and a front windshield. In the cockpit can be fitted 2 seat boxes or 4 Tecno Moto Seats. A dry cabin for storage is easily accessible from the centre of the cockpit.

RIB 42' SF

13,2 m up to 70 kn

The RIB 42' is a high-speed interceptor. The boat is a dedicated version for special operation and is derived from the winning hull of the RIB TECNO 40'.

The RIB 42' offers full protection from firearms and the weather to all the operators thanks to the high sides of the cockpit. A dry cabin for storage is easily accessible from the centre of the cockpit. The cockpit can be covered with a removable hardtop fitted with windows (in two sections) that provides protection for all the crew members.

The helm unit position is available in the front or in the middle of the cockpit. In the second case the console could be covered with an open side hardtop.

FB 43' SF

12,83 m up to 54 kn

This is the first of a new line of hulls designed with the aim of improving the habitability of the boat.

- The hull is totally mathematically designed and the models of its parts are all realized with a CAD-CAM system
- The hull structure is designed with five longitudinal frame members and is also filled with closed cells [polyurethane foam injected](#) in both mould and counter-mould. The result is a sturdy and unsinkable working platform, quiet when impacting water and easy to repair;
- The division into compartments is realized with structural bulkheads made in pre-laminated fiberglass, with a perfect superficial gel-coat finishing and high-density PVC core, cutted with a CAM system and positioned on the hull with an aluminium extruded profile (patented design) welded by pressure injected Plexus® (structural adhesion homologated by RINA);
- The boat has a new multiple trim-tabs system that allows a full range of speeds without modifying the trim angle of the boat and so avoiding reduction of speed and visibility. FB 43' planes at the minimum speed of 12 knots and is automatically trimmed up to 52 knots thanks to a satellite control system of trim-tabs, based on GPS;
- Engines are easily removable thanks to special hatches placed on the cockpit floor and on the hard-top, made by a special aluminium extrusion;
- The engine room air intakes are placed over the hard-top to avoid entrance of water inside the engine room. They are totally independent from the cabin and elastically supported, so they don't make any noise and vibrations. The temperature inside the engine room remain always extremely low;

- The power plant is the renowned Italian, FIAT FPT, C13 engine. This sturdy engine, with a high value for money ratio allows very high performances: 825 Hp at 2400 rpm, with the maximum diesel fuel consumption of 180 litres/hours for each engine.
- The surface drives are ZF Trimax, practically free from any maintenance and with very high performances;
- The internal arrangements of cabins are flexible: the basic boat is arranged with 7 berths distributed in 3 different cabins and with 2 separated toilets. In the cockpit there are four Tecno G10 seats, with the space for two more seats.
- All the lights used are LED for a lifetime duration;
- The hard-top has a reverse windshield to avoid reflections of light and waste of energy for the air conditioning.

FB 48' STAB

14,54 m up to 65 kn

Featuring a multi stepped hull, the typical anti-stuff bow and the integration of the drives, the FB 48' STAB is a winning hull well tested in many offshore powerboat racing.

With the [STAB®](#) concept, it's possible to increase the width of the boat maintaining the rigid hull unchanged, thus obtaining better performance in terms of floatation and stability compared to a rigid hull without tubular members.

The basic configuration features an hardtop open on the back, two rows of three Tecno Single Seats with electrically adjustable seating plane. The six seats are positioned inside the deep and well protected cockpit which has been designed to allow for the installation of ballistic panels. In alternative, the Tecno Single seats can be substituted by the more advanced Tecno G10 Seats with an extremely efficient sprung dump system.

Access to the cabin under deck where a toilet, a pantry and the sleeping quarters are located, is via a watertight door in the cockpit. In the dry cabin could fit also up to 6 Tecno Moto seats. A rotational seat can be installed on the deck at bow.

FB 55'

16,41 m up to 68 kn

The FB 55' is a high-speed interceptor. FB 55' best qualities are high speed manoeuvrability and seaworthiness at limit conditions. The boat can work at a speed up to 50 knots in total safety in rough waters up to state 4-5 Beaufort. The low draught makes FB 55' operational in shallow waters of only 0.80 (1.2 static) meters.

The boat is equipped with ZF Trimax 2500 surface drives coupled to ZF350 gearboxes or ZF Trimax 3200 surface drives coupled to ZF 550 gearboxes. This boat is very narrow (2.85 m), in order to operate in rough waters and offers outstanding manoeuvrability thanks to the single-rudder configuration. FB 55' can reach a top speeds over 70 knots and can carry a crew of 15 people for special missions.

The basic design has 4 special Tecno G10 electrically adjustable and damped seats. The G10 allows variable support depending on sea conditions, so that the driver can stand up, sit down or adopt any intermediate position. The G10 offers high comfort and safety thanks to two shock absorbers and to four points safety belts.

Below deck there is a comfortable galley and a toilet room. Ahead there is a cabin with four berths. The two upper ones can be tilted down, in order to convert the cabin in a comfortable rest area. Other configurations are available on request.

RIB 55'

16,7 m up to 66 kn

The RIB 55' uses the same hull of [FB 55'](#) but 60 cm larger.

The standard version proposes a closed hardtop open on the back and 6 Tecno G10 Seats, galley, toilet and cabin. A different configuration can be with an open hardtop and long cockpit, 2 Tecno Double seats, galley, toilet and cabin.

The RIB 55' is a high-performance boat based on a V-multistep hull, tested in competitions at speeds over 100 mph, in very rough waters. The tail shape is designed for the installation of ZF T 3200, rudders S 2500 T and trim tabs ZF Trimax 600 I. With a max beam of 3.89 meters and a length of 16.7 meters, the boat is basically a narrow beam boat, for better rough water performances. Rib 55' has a very good manoeuvrability thanks to:

- narrow beam
- integrated tail with good reverse penetration
- integrated tabs
- low lateral wind effect
- trim tabs
- lateral inflatable collar to stabilize the boat in turns

The central tunnel of the tail bottom keeps the boat planing even at very low speed and allows the stern stair building. The bow is designed with an anti-stuff nose developed during many years of racing experience. The deck comprises:

- Steering and Genset Compartment (the steering and genset compartments form one watertight compartment)
- Engine Room with a hatch fitted with two air intakes for engine room ventilation
- Open Cockpit, with a wheelhouse
- Cabin Compartment
- Storage Compartment (with liferaft)
- Anchor Locker, at bow

The console is a moulded part bolted onto the deck. The wiring of the individual instruments can be accessed by unscrewing the respective instrument plate.

FB 80'

24 m up to 56 kn

The idea behind the FB 80' RECORD has been to offer to the market a reliable and extremely strong large motor yacht capable of reaching speed of 60 knots with a range of 1000 miles (at full continuous speed), especially for long range search and rescue.

This boat is normally powered by four engines (Caterpillar C32) and is capable of planing with only three engines for maximum reliability in completing a mission.

A carbon molded radar arch positioned in a high pressure location, incorporates a completely separate air intake. In order to reduce noise in the cockpit, the arch is supported on soft rubber cushions. Sophisticated composite materials (Kevlar, Carbon, Epoxy and vinylester resins) are vacuum molded according to FB Duoresin patent to create an incredibly strong hull made to resist the through toughest endurance challenger.