

Over ProZero & Van Dyke Marine

De ProZero-serie van Tuco Marine staat voor toonaangevende kwaliteit en maatwerk in high-performance werkboden en crew transfer vessels. Elke boot wordt ontworpen op basis van uw operationele eisen, met een doordacht design en bewezen technologie. Het resultaat: maximale snelheid, brandstofefficiëntie en veiligheid, zelfs onder de zwaarste omstandigheden.

Van Dyke Marine is vertegenwoordiger van ProZero in de BeNeLux en begeleidt klanten volledig: van eerste advies en ontwerp tot levering, onderhoud en service.



VAN DYKE MARINE

Vertegenwoordiging in de
BeNeLux van

PROZERO
WORK BOATS

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PRO:ZERO
Fast Boats for Professionals



WORKBOATS

PROZERO RHIB BOATS



At Tuco we specialize in fast boats for professionals. Every day we work to set the standard in innovative lightweight maritime constructions and supreme material technology. We strive to deliver durable solutions that reflect and support the development of a safe, sustainable and prosperous future in maritime logistics.

Customers can rely on Tuco as a loyal partner that draws on intimate market knowledge, expert craftsmanship and years of experience with successful deliveries to ensure more than just customer satisfaction.

#weloveworkboats



PRO:ZERO

The ProZero series is a range of fast boats designed specifically for professional use. They are built to endure the harsh conditions of operations on open sea while providing the operator with an ideal work environment.

With advanced design and sophisticated application of composite materials, the ProZero series offers the customer significant commercial benefits and enhance overall vessel performance and energy efficiency. The ProZero range covers Offshore, Workboats and vessels for Security & Defense.

#weloveworkboats

PRO:ZERO

PROZERO
RHIB RANGE



RHIB CAPABILITIES

ProZero RHIBs combine high-speed performance, exceptional maneuverability, customizable deck layouts, extended range, robust construction, and advanced navigation systems to meet the diverse needs of professional maritime operators. Their versatility makes them suitable for a wide array of applications, including SAR, patrolling, security, and more, ensuring that they are a reliable and effective tool for any mission.

ProZero RHIBs are also equipped with state-of-the-art navigation and electronic systems, ensuring that operators maintain situational awareness and effective communication throughout their missions. The ergonomic GRP center consoles support a wide range of devices, enhancing the overall operational capability of the vessels.

Extended range capabilities further enhance the operational scope of ProZero RHIBs. With options for expanded fuel tank capacity, these boats are equipped to handle long-duration missions, making them ideal for offshore operations where refueling opportunities are limited. This extended range ensures that ProZero RHIBs can stay on station longer, providing sustained operational presence when needed.

SAFETY SYSTEMS

Safety is a paramount concern in the design and construction of ProZero RHIBs, with each model incorporating a comprehensive array of safety features to ensure the protection of the crew and passengers, even in the most demanding conditions.

Central to this safety framework are the inflatable tubes, which are divided into multiple chambers. This design provides redundancy, ensuring that even if one chamber is compromised, the boat remains buoyant and stable, thereby enhancing the overall safety and reliability of the vessel.



PRO:ZERO



PRO:ZERO



**PROZERO
RHIB RANGE**



DECK LAYOUT

The RHIBs have been designed to offer best in class maximized deck area, enabling optimized operations, load carrying, and passenger capacity.

OPTIMIZING OPERATIONS

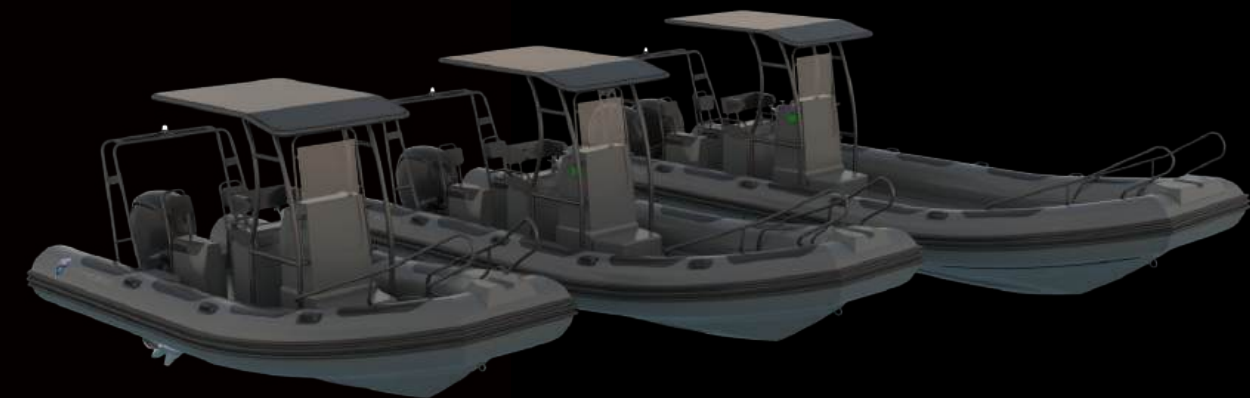
They are carefully designed and built for high-speed SAR, security, and patrol missions in coastal and offshore waters. They are also designed and built to offer high performance even in rough seas.



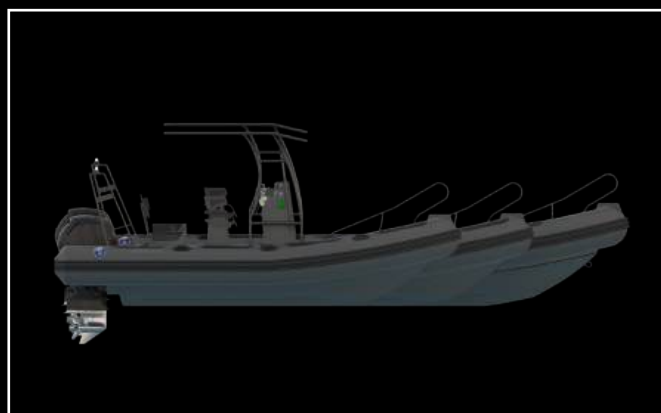
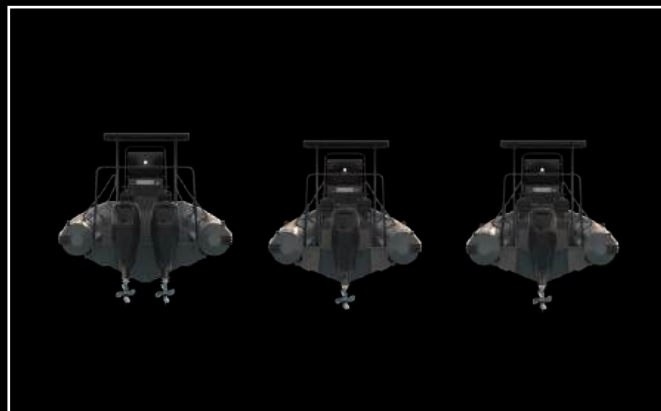
PRO:ZERO



PRO:ZERO



PROZERO RHIB RANGE



VERSATILITY

The ProZero series of RHIBs (Rigid Hull Inflatable Boats) by Tuco Marine Group represents a range of high-performance vessels designed for demanding professional use. These boats are engineered with advanced composite materials, ensuring durability and reliability even in the toughest marine conditions.

Whether it's for search and rescue (SAR), patrolling, security, or other professional missions, ProZero RHIBs provide the speed, stability, and operational capability required for successful missions.



DESIGN AND BUILD

ProZero RHIBs are built with a deep V-bottom hull design, complemented by flared bows and wide chines, which collectively enhance stability and performance.

The hulls are constructed using high-strength composite materials, providing a lightweight yet robust structure. This design approach ensures that ProZero boats can handle rough seas while maintaining high speeds and maneuverability.



5,5M

- Light and compact
- Easy to launch & tow on the road
- Adjustable deck layout

6,5M

- Light and compact
- Easy to launch & tow on the road
- Adjustable deck layout

7,5M

- More deck-space than its smaller sisters
- Option for two engines for unmatched power and reliability
- Adjustable deck layout

COMMON USE

The ProZero Rhib Boats can be the perfect solution to a fast, small and well-sailing trainer boat for the sailing clubs that need a new/newer rib for the coming season.

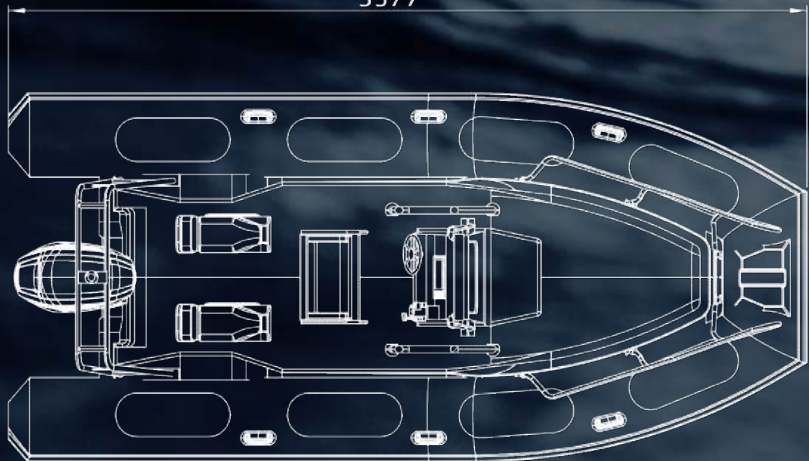
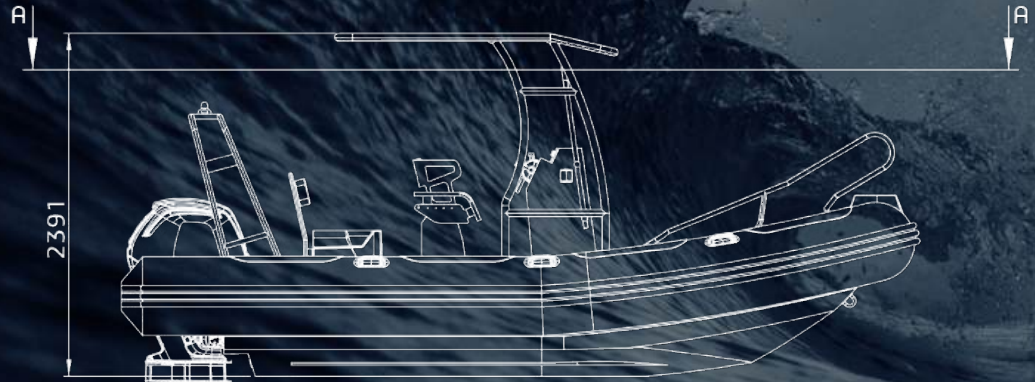


Flexible construction
Construction with a purpose.
Know-how and expert engineering at the service of unique client demands.

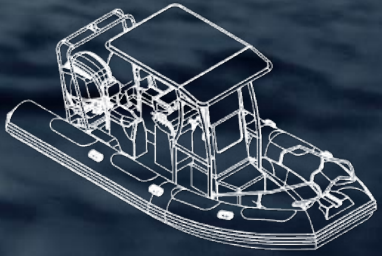
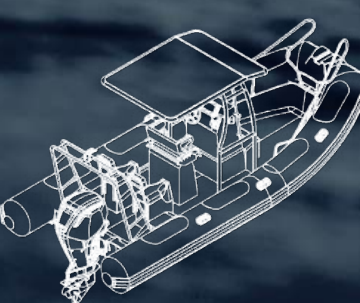
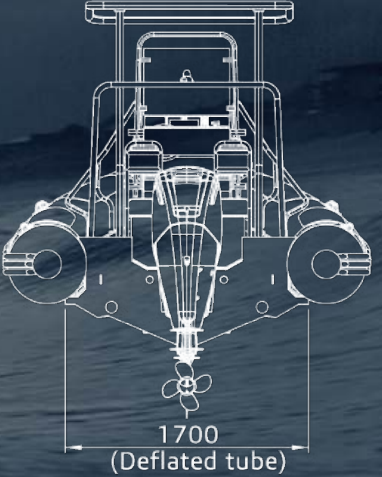
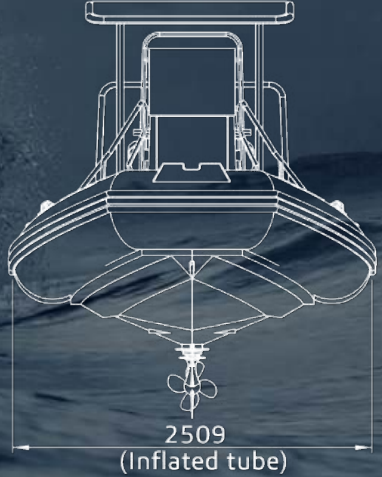
PRO:ZERO



5.5M RHIB BOAT



SECTION A-A



PRO:ZERO 5.5M RHIB BOAT



Design: 2020 | 5000-09-01
Length overall, approx.: 5,5 m
Beam overall, approx.: 2,5 m
Capacity: 12 persons
Weight: 550 kg
Payload: 1.550 kg (excluding persons)
Engines: 1x Outboard petrol
Max engine power: 103kW / 140 HP

BENEFITS:
The ProZero 5.5m RIB is light and compact, making it easy to launch and tow on the road, but it is also designed and built to offer high performance even in rough seas. The ProZero hull allows the 5.5m RIB to perform effortlessly in rough waters and maneuver easily in high traffic areas.

OPERATIONAL FEATURES:
The boat is carefully designed and build for high-speed SAR, security, and patrol missions in coastal and offshore waters.

DESCRIPTION:
The boat has been designed to meet the requirements from the CE authorities and fully complies with ISO 6185-3.

HULL:
With its non-stepped, variable deadrise V-bottom hull featuring good forward entry, a flared bow, wide chines and lifting strakes/spray rails, the hull provides a safe and reliable base for high-speed operations and will tackle even very agitated sea states.

FENDER:
The inflatable tubes are divided into 5 individual chambers and can be customized with a wide array of features, such as heavy-duty rubbing strakes, anti-slip patches, lifting handles, and lifelines.

DECK:
The 5,2m² deck area allows for a wide range of deck-layout configurations, optimized for the intended use of the vessel. The optional full-sized T-top offers protection from the elements, and the spacious 360° walk-around deck features the option to add extra seating's and stretcher position

SEATING:
Several different seating options are available, ranging from simple GRP jockey seats to high performance, shock-absorbing, rail-mounted seats.

STEERING CONSOLE:
The GRP center console holds the navigation equipment and engine controls. The tall windscreen provides a comfortable environment for the helmsman, even at high speeds.

TECHNICAL:
The technical installation is made with service and maintenance in mind, ensuring that operators and crew can perform the necessary services.

ENGINES:
Designed for use with a single outboard petrol motor, the 5,5m RHIB is compatible with a wide range of engines.

TANK:
The 5,5m RHIB features a 100L stainless steel fuel tank, located within the hull structure. An additional tank can be installed upon request, for a total fuel volume of 200L..

ELECTRICAL SYSTEM:
The electrical system is in high durability marine grade wiring. The system has 2 main batteries: one for the engine, and a consumer battery. The batteries will charge fromthe engines alternator or shore power if connected. The electrical system is grounded to avoid surges.

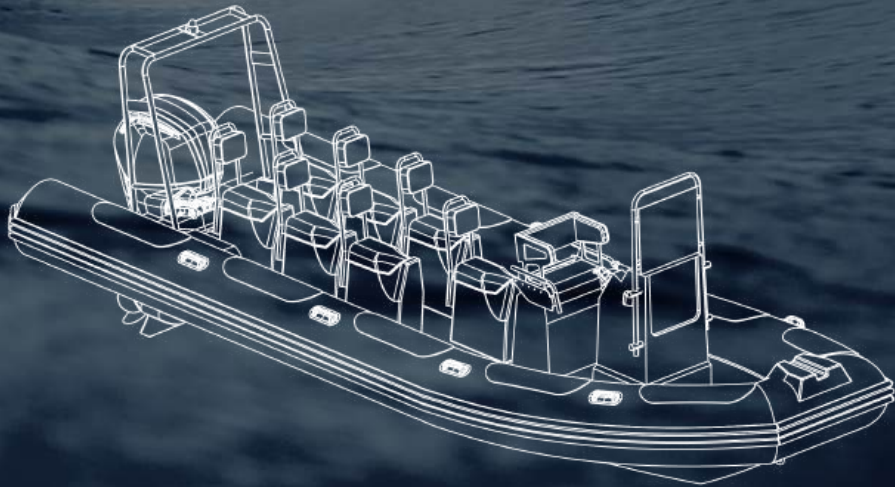
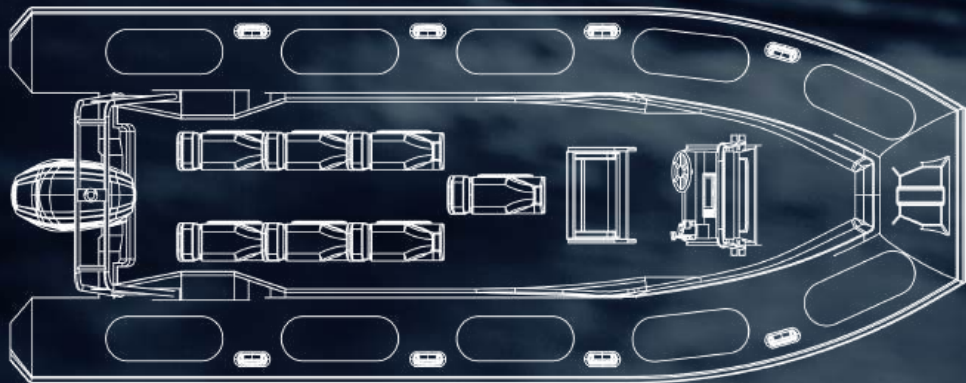
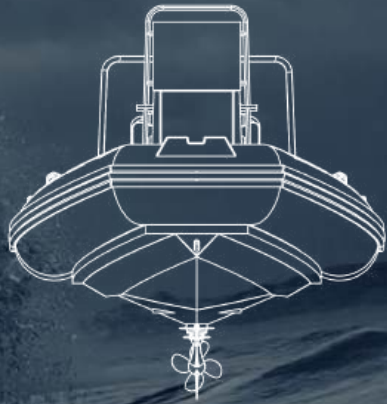
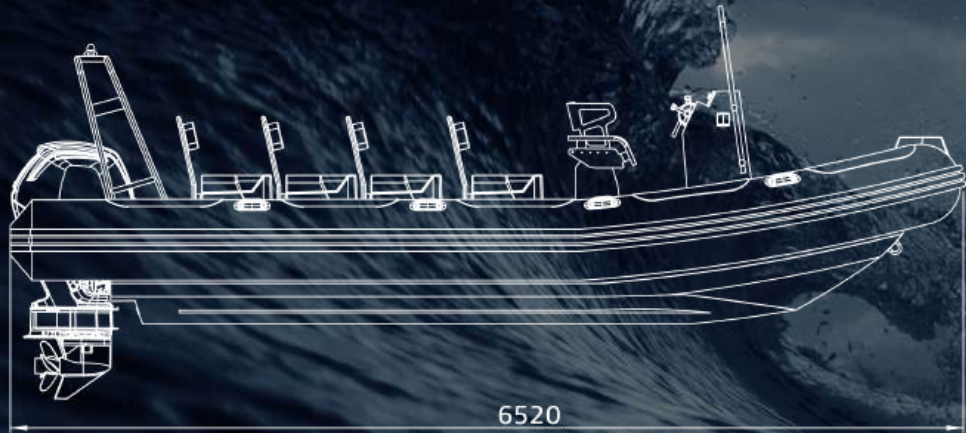
NAVIGATION & ELECTRONIC EQUIPMENT:
The steering console allows for installation of a wide variety of navigation and communications equipment, while antennas may be installed on the optional aft arch frame.

SECURITY EQUIPMENT:
Optional railings can be fitted at the bow to provide a safe and stable means of embarking/ disembarking the vessel, while also serving as handrails during transit

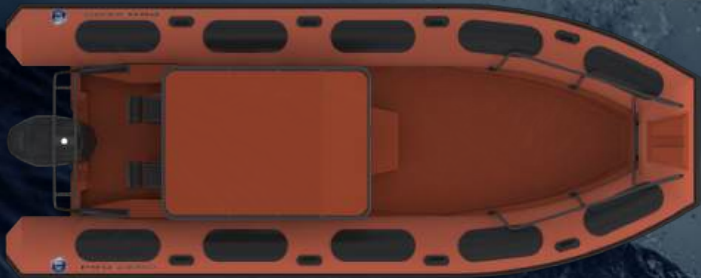
PRO:ZERO



6.5M RHIB BOAT



PRO:ZERO 6,5M ORANGE RHIB BOAT



Design: 2020 | 5000-09-02
Length overall, approx.: 6,5 m
Beam overall, approx.: 2,5 m
Capacity: 15 persons
Weight: 700 kg
Payload: 1.850 kg (excluding persons)
Engines: 1x outboard petrol
Max engine power: 128kW / 175 HP

BENEFITS:
The ProZero 6.5m RIB is light and compact, making it easy to launch and tow on the road, but it is also designed and built to offer high performance even in rough seas. The ProZero hull allows the 6.5m RIB to perform effortlessly in rough waters and maneuver easily in high traffic areas.

OPERATIONAL FEATURES:
The boat is carefully designed and build for high-speed SAR, security, and patrol missions in coastal and offshore waters.

DESCRIPTION:
The boat has been designed to meet the requirements from the CE authorities and fully complies with ISO 6185-3.

HULL:
With its non-stepped, variable deadrise V-bottom hull featuring good forward entry, a flared bow, wide chines and lifting strakes/spray rails, the hull provides a safe and reliable base for high-speed operations and will tackle even very agitated sea states.

FENDER:
The inflatable tubes are divided into 5 individual chambers and can be customized with a wide array of features, such as heavy-duty rubbing strakes, anti-slip patches, lifting handles, and lifelines.

DECK:
The 6,6m² deck area allows for a wide range of deck-layout configurations, optimized for the intended use of the vessel. The optional full-sized T-top offers protection from the elements, and the spacious 360° walk-around deck features the option to add extra seating's and stretcher position.

SEATING:
Several different seating options are available, ranging from simple GRP jockey seats to high performance, shock-absorbing, rail-mounted seats.

STEERING CONSOLE:
The GRP center console holds the navigation equipment and engine controls. The tall windscreen provides a comfortable environment for the helmsman, even at high speeds.

TECHNICAL:
The technical installation is made with service and maintenance in mind, ensuring that operators and crew can perform the necessary services.

ENGINES:
Designed for use with a single outboard petrol motor, the 6,5m RHIB is compatible with a wide range of engines.

TANK:
The 6,5m RHIB features a 100L stainless steel fuel tank, located within the hull structure. An additional tank can be installed upon request, for a total fuel volume of 200L.

ELECTRICAL SYSTEM:
The electrical system is in high durability marine grade wiring. The system has 2 main batteries: one for the engine, and a consumer battery. The batteries will charge from the engines alternator or shore power if connected. The electrical system is grounded to avoid surges.

NAVIGATION & ELECTRONIC EQUIPMENT:
The steering console allows for installation of a wide variety of navigations and communications equipment, while antennas may be installed on the optional aft arch frame.

SECURITY EQUIPMENT:
Optional railings can be fitted at the bow to provide a safe and stable means of embarking/ disembarking the vessel, while allso serving as handrails during transit.

PRO:ZERO

6.5M RHIB BOAT

6.5M RHIB BOAT

The ProZero 6.5m RIB is an immensely spacious and capable vessel. Its well-sized center console holds the navigation equipment and engine controls and the boat features optional shock mitigating helmsman seats as well as various deck and console configurations. The optional full-sized T-top offers protection from the elements, and the spacious 360° walk-around deck features the option to add extra seating's and stretcher position.

The boat is carefully designed and build for high-speed SAR, security and patrol missions in coastal and offshore waters. Good ride quality and ergonomics is key to enduring exhausting high-speed missions, and the ProZero Rib is designed to provide just that. With its non-stepped, variable deadrise deep V-bottom hull featuring good forward entry, a flared bow, wide chines and lifting strakes/spray rails, the hull provides a safe and reliable base for high-speed operations and will tackle even very agitated sea states.

Particular attention has been paid to crew comfort, shock mitigation and safety during high-speed SAR, Patrolling and boarding missions while enhancing mission-capability and preserving structural rigidity, integrity and strength. The deck layout is adjustable and can be transformed through optional cargo rails into mission-specific environments with shock mitigating seating arrangements, weapon mounts or extra cargo areas.



Low weight
Cutting weight and adding value.
Low weight design lifts the value chain.

BENEFITS

The ProZero 6.5m RIB offers a lightweight and compact design. Despite its size, it is engineered to deliver high performance in challenging conditions.

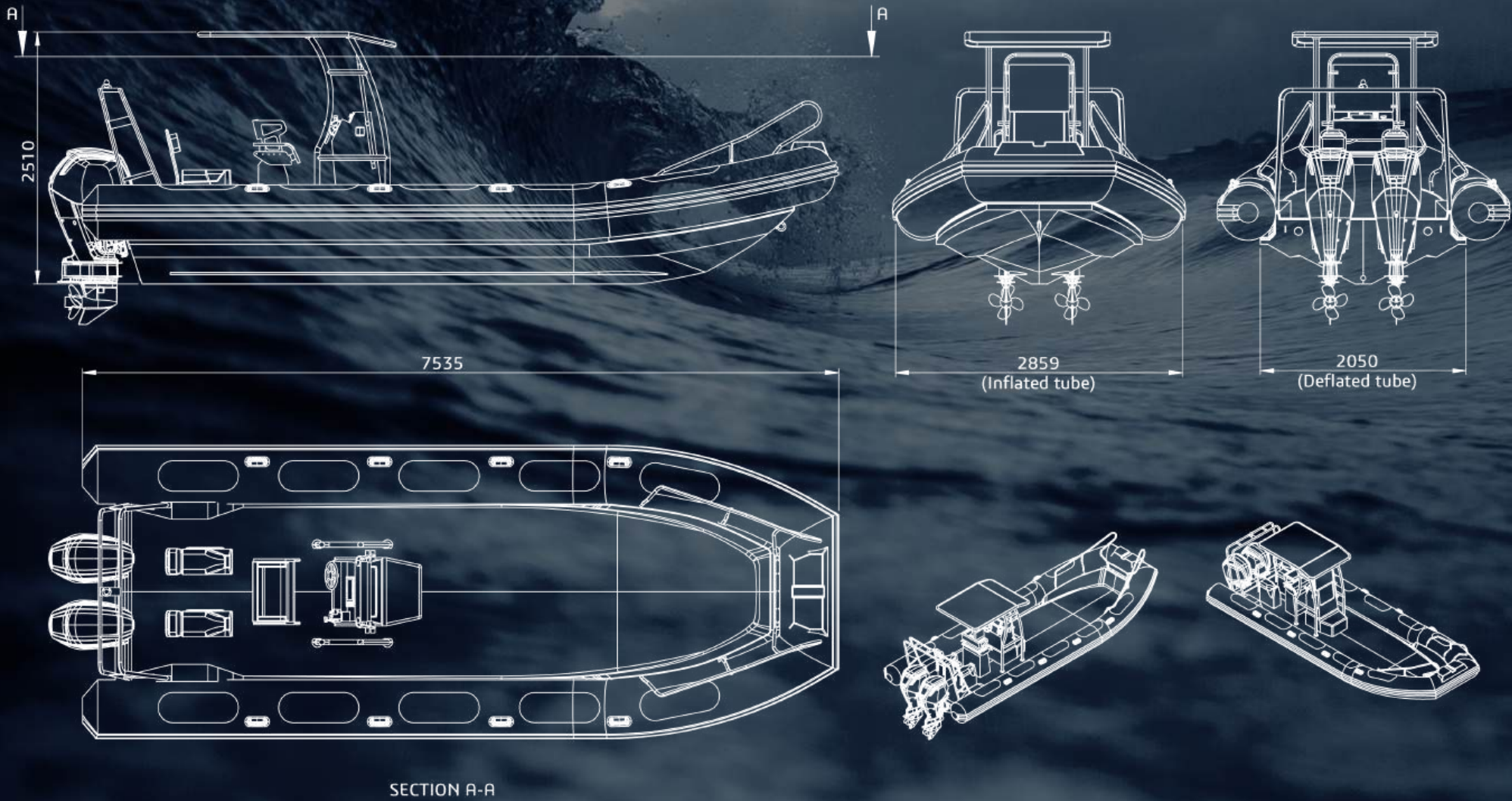
The ProZero hull ensures smooth operation in rough waters and effortless maneuverability in high traffic areas. An optional full-sized T-top offers protection from the elements, while the spacious 360° walk-around deck can be equipped with extra seating and a stretcher position.



PRO:ZERO



7.5M RHIB BOAT



PRO:ZERO

7.5M RHIB BOAT

7.5M RHIB BOAT

The ProZero 7.5m RIB with its extra length features more deck-space than its smaller sisters. This is an immensely spacious and capable vessel. Its well-sized center console holds the navigation equipment and engine controls and the boat features optional shock mitigating helmsman seats as well as various deck and console configurations. The optional full-sized T-top offers protection from the elements, and the spacious 360° walk-around deck features the option to add extra seating's and stretcher position.

The boat is carefully designed and build for high-speed SAR, security and patrol missions in coastal and offshore waters. Good ride quality and ergonomics is key to enduring exhausting high-speed missions, and the ProZero Rib is designed to provide just that. With its non-stepped, variable deadrise deep V-bottom hull featuring good forward entry, a flared bow, wide chines and lifting strakes/spray rails, the hull provides a safe and reliable base for high-speed operations and will tackle even very agitated sea states.

Particular attention has been paid to crew comfort, shock mitigation and safety during high-speed SAR, Patrolling and boarding missions while enhancing mission-capability and preserving structural rigidity, integrity and strength. The deck layout is adjustable and can be transformed through optional cargo rails into mission-specific environments with shock mitigating seating arrangements, weapon mounts or extra cargo areas.



Low weight
Cutting weight and adding value.
Low weight design lifts the value chain.

POWERFUL ENGINE

With its advanced hull design and powerful engines, the ProZero 7.5m RHIB offers impressive speed capabilities. The non-stepped, variable deadrise V-bottom hull design, combined with a flared bow, wide chines, and lifting strakes/spray rails, allows the vessel to achieve and maintain high speeds even in rough sea conditions.

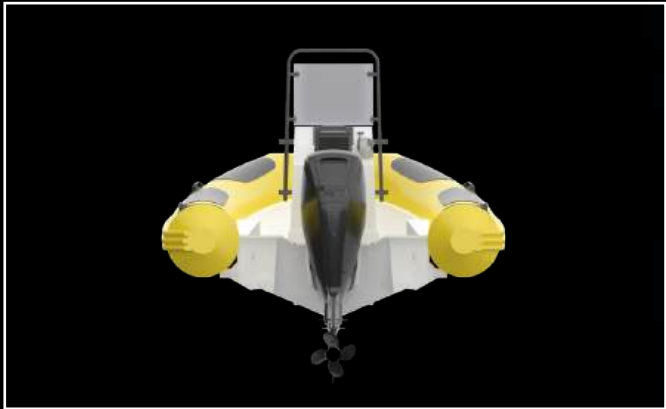
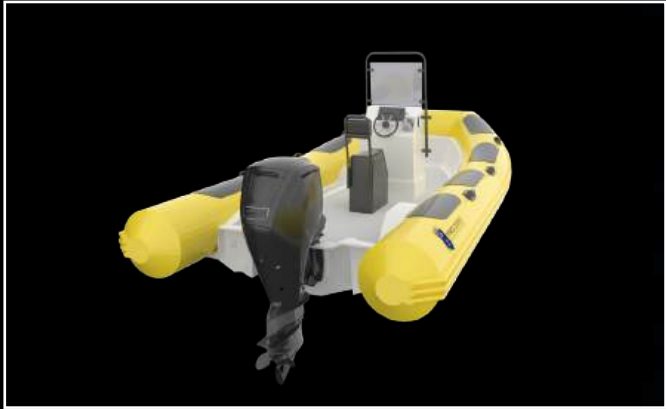
This ensures that the ProZero 7.5m RHIB can respond swiftly and effectively in critical situations, making it an invaluable asset for search and rescue, security, and patrol operations.



PRO:ZERO



5.5M COACH RHIB BOAT



OPTIMAL MOBILITY

The Coach RHIB is designed to meet the demanding needs of sailing clubs and trainers, providing them with a high-quality, reliable solution for their training sessions. By leveraging their extensive experience and efficient production methods, We aim to offer trainers and sailing clubs an attractive proposition: a solid and safe trainer boat that stands out in both performance and design.

The ProZero 5.5m Coach RHIB is a professional boat, developed with the experiences ProZero has gained from working with professional users worldwide, including police, military, and offshore rescue boats. The boat is constructed as a sturdy RHIB weighing 550kg with great stability and carrying capacity. The boat is 2.5m wide and features a flat deck, providing the trainer with optimal mobility and space for gear, bags, markers, etc. In the trainer version, the boat is delivered with a low steering console and jockey seat.

It's equipped with a PVC tube, a low steering console, one jockey seat, and a deck tank. Additionally, it is powered by a robust 60hp Yamaha outboard motor, ensuring powerful and efficient performance on the water.

CUSTOMIZABLE DESIGN

The ProZero 5.5m Coach RHIB is highly customizable in terms of both aesthetics and functionality. With 45 different color combinations available between the hull and the fender, sailing clubs can design the boat to best match their unique identity and branding. Upgrades such as an additional seat can be added.

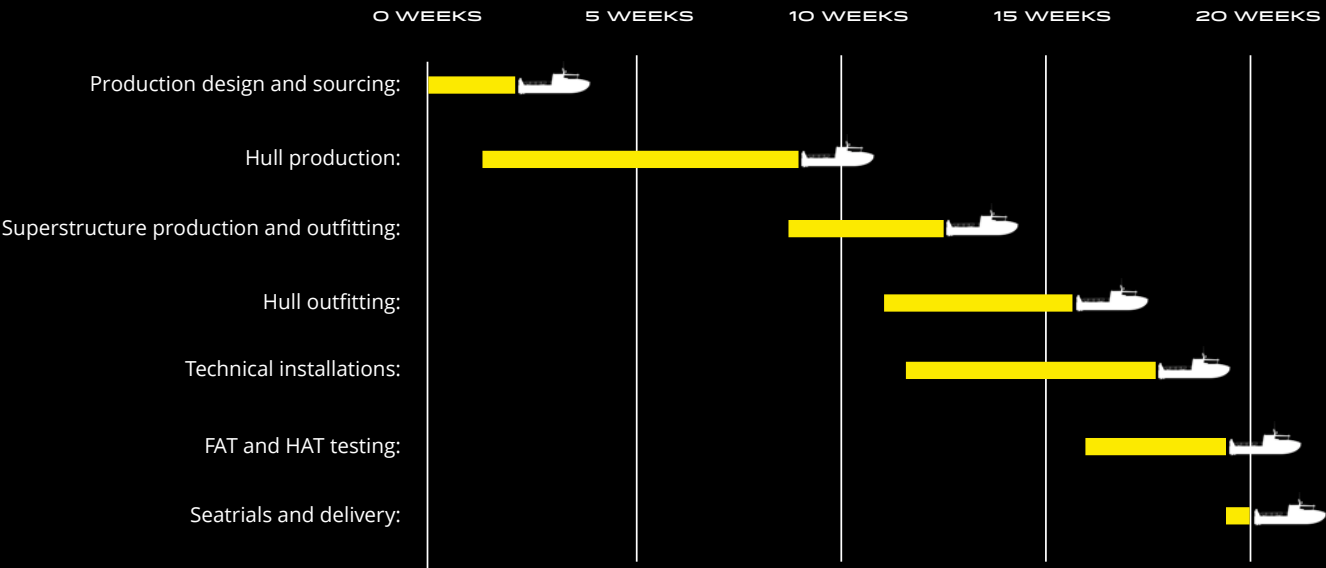
This level of personalization ensures that each club can have a vessel that is not only functional but also visually aligned with their club's colors and style.



COLOR OPTIONS



PRO:ZERO



SERIAL PRODUCTION

Merging unparalleled quality with cost-efficiency and prompt delivery

Construction with fiber-reinforced composites is highly suited for serial production. Tuco has developed an exceptionally efficient modular production method to fully exploit the advantages inherent in composite materials.

To guarantee product excellence and quality uniformity across our range of vessels, female moulds are applied in the production of all ProZero hulls. This permits a very high degree of accuracy and consistency in the manufacturing process so that every single hull lives up to our rigorous quality standards. Production using high quality moulds outperforms any other building technique in terms of cost-effectiveness.

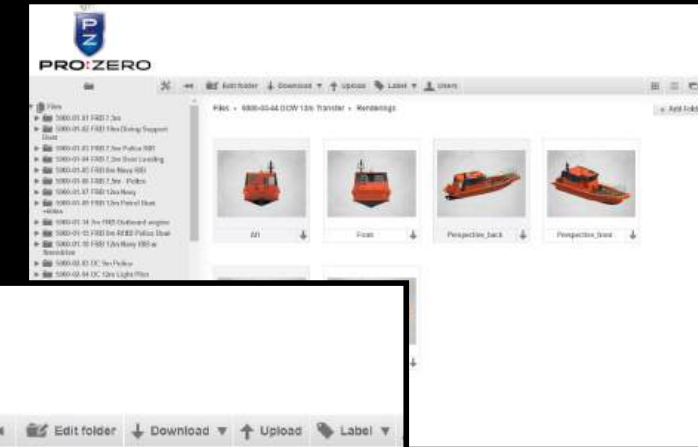
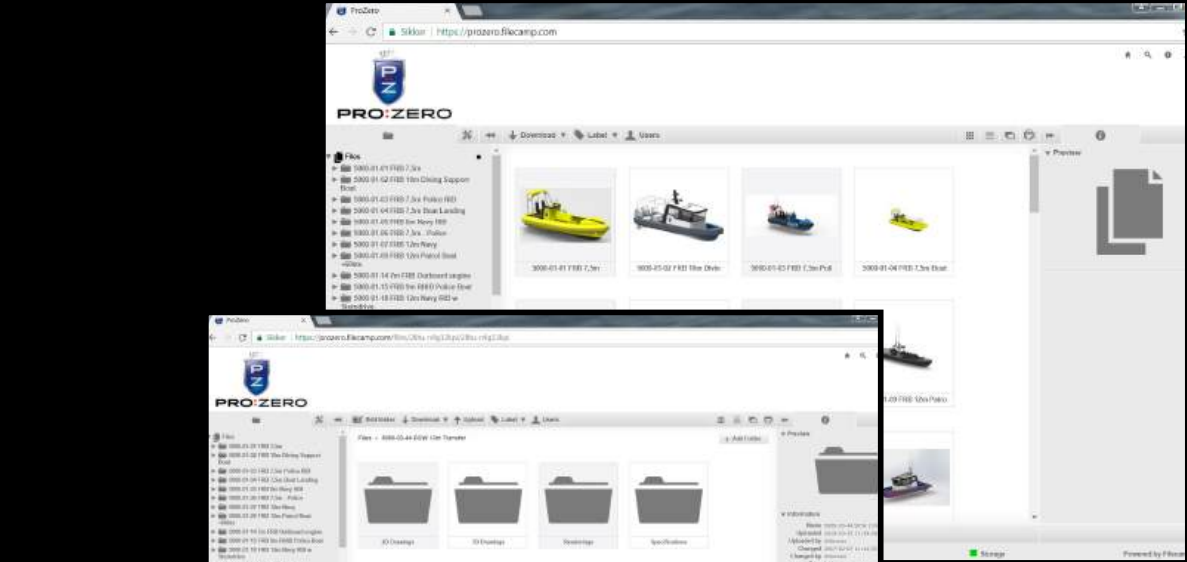
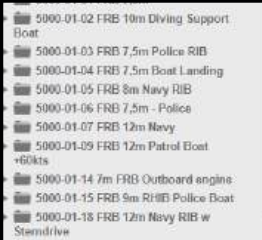
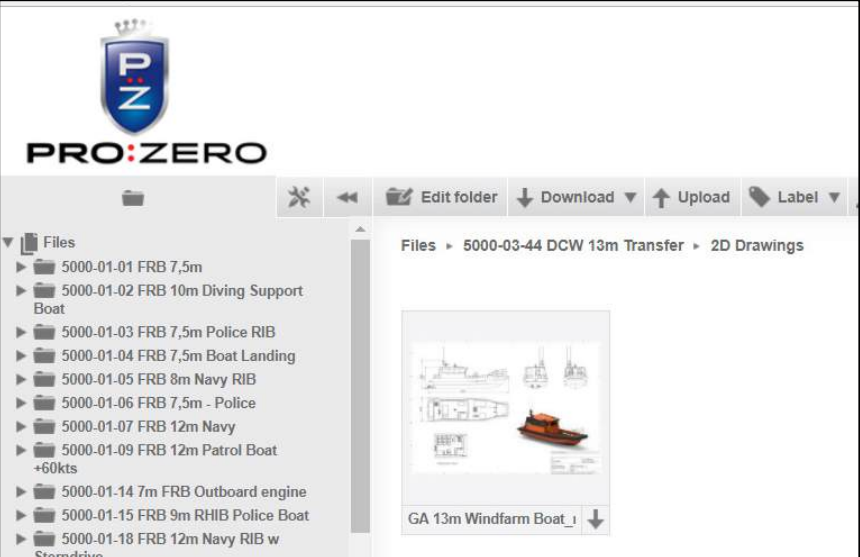
Our modular production method enables us to integrate specific design requests and we cooperate closely with all involved stakeholders to deliver uncompromising quality and excellent products without sacrificing short delivery times.



ACCESS TO DRAWINGS AND 3D FILES

Easy decisions – exploit our design library and save time

As a service for naval architects and users, Tuco has launched a design library containing drawings and renderings for our range of ProZero vessels. The Filecamp library provides an efficient and convenient way for naval architects to access the ProZero designs. The comprehensive Filecamp data can support and facilitate planning, eliminate superfluous procedures and help in reaching informed design choices.



SHORT LEAD TIME

EFFICIENT PRODUCTION PLATFORM

PRO:ZERO

FILECAMP

EASY INTEGRATION

REFERENCES



www.prozero.dk

*To the above comes a large number of businesses within Renewable Energy and Offshore that are covered by Non-Disclosure agreements



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