



Titan Commercial Ribs 4.5-6m



Mako Commercial Ribs have been designed and developed to operate in the most difficult conditions and have proven to be the reliable and efficient choice under almost any sea and climate conditions, for professional use.

We work with our customers to design, build and optimize the craft as a solution for their needs.

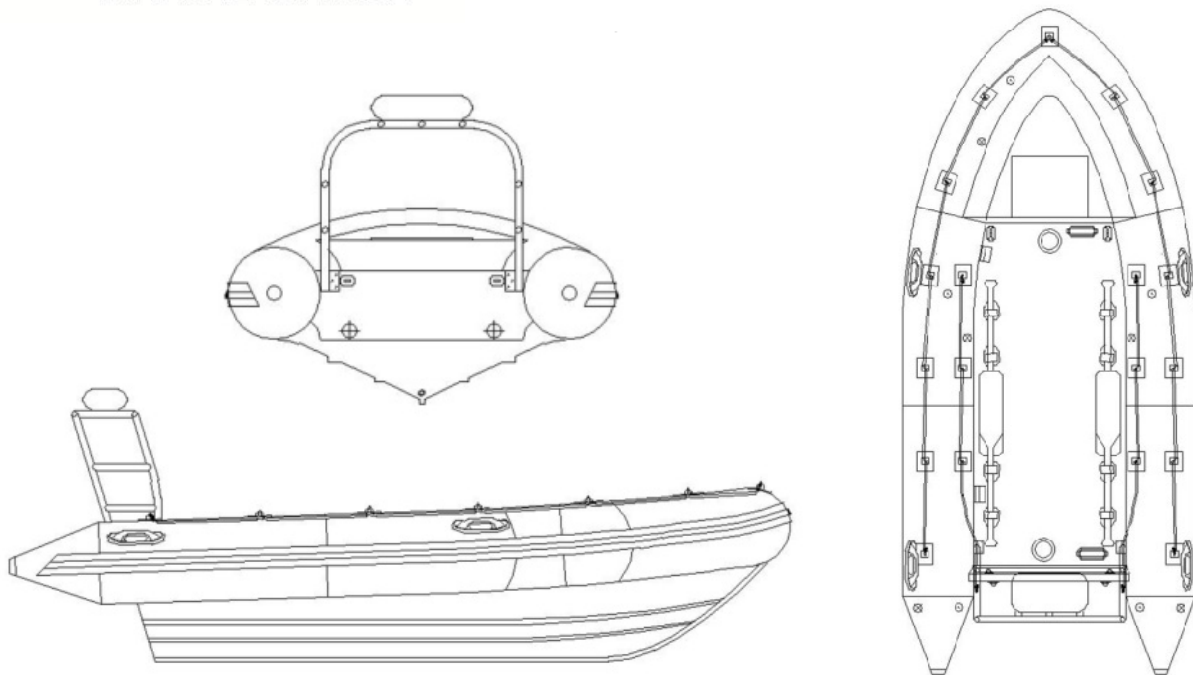
CUSTOM modifications and reinforcements are made to every craft supplied, to meet the exact specification and requirement of the end user”

The **MAKO TITAN Range** has evolved out of years of mutual cooperation between the MAKO factory and the commercial operators needing well built, no nonsense boats to get the job done. We have gone the extra mile for our clients in delivering product that has been reinforced and built to commercial operating standards. Whenever we had a comeback, we made sure that that comeback was strengthened and never occurred again. In doing so, we have learnt to use stronger materials in certain build areas and provide solidly built boat that deliver results..... in some of the harshest climates and conditions in the world.



Managing Director: Mark Louw
Company: Mako Marine Africa (PTY) Ltd.
Company Reg.: 2015/399724/07

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	CR-4.5m	CR-4.75m	CR-5.2m	CR-5.5m	CR-5.75m	CR-6.0m
Max number of persons	6	8	10	14	15	16
Max payload	750kg	820kg	900kg	1250kg	1350kg	1600kg
Overall length	4.5m	4.75m	5.2m	5.5m	5.75m	6.0m
Overall width	1.85m	2.05m	2.2m	2.35m	2.43m	2.45m
Weight empty	210kg	225kg	265kg	300kg	400kg	535kg
Shaft length	Long-20"	Long-20"	Long-20"	Long-20"	Long-20"	Long-20"
Max power	50hp	70hp	90hp	120hp	130hp	150hp
Max engine weight	100kg	130kg	189kg	181kg	185kg	198kg
Options of tube fabric:						
Tube fabric-Neoprene	1670 dtx	1670 dtx	1670 dtx	1670 dtx	1670 dtx	1670 dtx
Tube fabric-Durotex Heat welded	1450 gm2	1450 gm2	1450 gm2	1450 gm2	1450 gm2	1450 gm2
Tube fabric- Foam	Closed cell memory foam	Closed cell memory foam	Closed cell memory foam	Closed cell memory foam	Closed cell memory foam	Closed cell memory foam
Additional Rubbing Strakes	3	3	3	3	3	3
Reinforced Lifting Points	4	4	4	4	4	4

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TITAN "Commercial" Rib Range: Boat Description

STANDARD SPECIFICATIONS:

Hull/Deck:

- Fiberglass hull and deck (Orange as option of colour)
- Vinylester resin (fire retardant upgrade)
- Non-slip deck
- SS recessed bow eye & tow points
- Bow/Keel mounted quick release system.

Collar:

- Five (4) to six (6) chambers.

Tube Material Options:

1670 dtex Neoprene/Hypalon inflatable tube (Orange or colour of choice)

1450 gm2 Durotex (Heat Welded PVC)- (Orange or colour of choice)

EVA Foam (closed cell memory foam covered with a layer of material (Orange or colour of choice)

- Over-pressure relief valves
- Full-length double nylon lifeline on S/S D-Ring patches
- Collar accessories – tube handles (4-6)
- Reinforced top step treads or wear patches
- Double rubbing strakes
- Heavy duty Collar upgrade package : two (2) extra rubstrakes
two (2) pair step tread
two (2) pairs of handles
Mooring D-rings



Console/Seating:

- Console comes standard with: screen / windshield and S/S grabrail

Console Options:

Single sit down (smaller ranges)
Single Futura (luxury) console
Single TITAN (Military/Commercial) console

Seating Options:

Single straddle seats with S/S backrest & cushions
(base has built in storage compartment)
"iseats" Shock mitigating Commando style
jockey seating
Lean to seats for pilot & co-pilot
Seats in rows.



Equipment:

- Below deck cable routing,
- Two (2) SS transom tie-down eyes
- Folding anchor light.
- Stainless steel recessed bow eye and two heavy-duty stainless steel transom tie-downs
- Mooring/towing – two (2) transom cleats with Tow post and bow post S/S.
- Aft frame S/S for radar and lights with ski tow point (all wiring inside frame)
- Under deck access hatch to aft hull cavity.

Bilge pumping/draining:

- High capacity deck drains fitted w/ scupper trunks.
- Electric bilge pump with automatic switch.

Hoisting:

- Integral S/S hoisting fittings. (four (4) points)
- Polyester webbing lift sling.
- Overload hoisting test



Optional Single Point Lift System:

Henriksen 12te off-load release hook system is fitted to the craft along with an integrated on-load painter release hook for use with a towing boom onboard the mother vessel during launch and recovery.

Optional Docking head Interface:

Docking head can be fitted to be compatible with the chosen launch & recovery davit package as required.



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Electrical: (For Turn Key Delivery)

- 12 VDC electrical system with waterproofed circuit breakers and switches
- Single or Twin (2) battery banks Gel Marine Grade with selector/isolator switches.
- Dimmer switch (2) - instrument lights and compass light.
- Two (2) Accessory plugs (marine and cigarette lighter style)
- Fixed flood lights on aft arch
- Handheld/fixed searchlights and fixed flood lights on arch.
- Shore-power system with battery charger – 230 VAC

Navigation/communications:

- Navigation lights
- Electric horn
- Magnetic compass
- Standard Nav/Com package: (VHF,GPS, Radar, AIS etc... Customer specified)
- Custom Nav/Com package available



Fuel system:

- S/S or polyurethane fuel tanks – 100 Lt and up to 500 Lt (on bigger Ribs)
- Selector valves to allow either engine to be supplied from either tank.
- Fuel/water separators.
- Fuel level gauge
- Extended fuel capacity available

Propulsion:

- Single or Twin Outboard Engines- 50hp to 600hp
- Hydraulic steering

Shipping:

- Shipping preparation
 - Shrink wrap
 - Wooden shipping cradle
- ADDITIONAL OPTIONS AVAILABLE*



Post Delivery Orientation: commissioning, introductory vessel instruction, systems operation and recommended maintenance held on location

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