

TRITON 7500/3

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TRITON 7500/3

THE DEEP DIVER

Using a proprietary technology, developed in collaboration with Triton's exclusive acrylic manufacturing partners, the Triton 7500/3 is the world's deepest diving acrylic hulled submersible.

Capable of diving over 1.4 miles to the great depths of the ocean's 'bathypelagic zone', the Triton 7500 series represents a new breed of submersible. The fully transparent, acrylic pressure hull creates the potential for more excitement, new adventures and even greater versatility.

[PDF Data Sheets](#)
[Triton Brochure](#)

3 PASSENGERS CAPACITY

10+ HOURS ENDURANCE

LiFePO4 BATTERY TECHNOLOGY

AC & HUMIDITY ENVIRONMENTAL CONTROL

23,100LBS 10,500KG DRY WEIGHT

18.5FT 2.6M HEIGHT

OVERVIEW

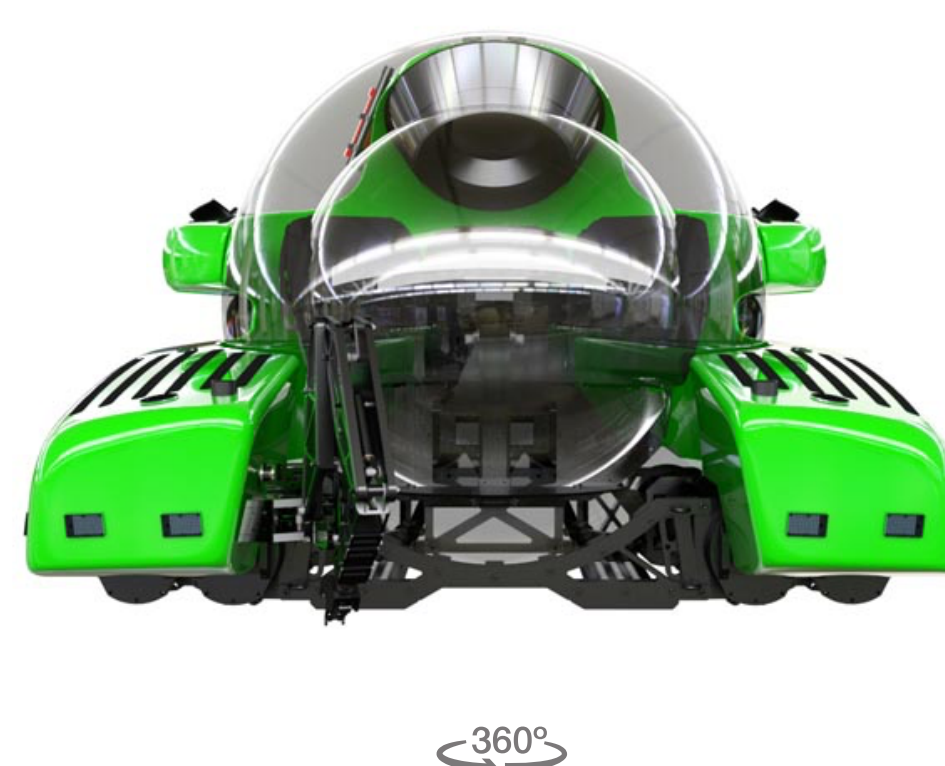
The Triton 7500/3 builds on the venerable Triton 3300/3 design, sharing the spacious, three passenger interior configuration, with luxurious leather sports seating and a powerful air conditioning system.

The Triton 7500/3 achieves its remarkable 7,500ft (2,286m) diving depth by utilizing a pressure hull thickness of 300mm (11.8in) and through the use of certified, aircraft-grade materials, lithium phosphate battery technology, and pressure-balanced-oil-filled sub-systems.

Observation is fundamental to scientific enquiry. Triton's proprietary Easy-Entry Hatch System enables passengers to enter the submersible with ease, while offering all passengers an uninterrupted view.

The versatile lift points on the Triton 7500/3 have been configured for launch and recovery using either tender-style davits found in yacht garages, or deck-mounted cranes and A-Frames.

[Triton for Leisure](#) [Triton for Science](#) [Triton for Film & TV](#)



TECHNICAL



The table below shows the general specifications for the Triton 7500/2. Additional items can be ordered as options. Details are provided on the Equipment page.

[Optional Equipment](#)



GENERAL

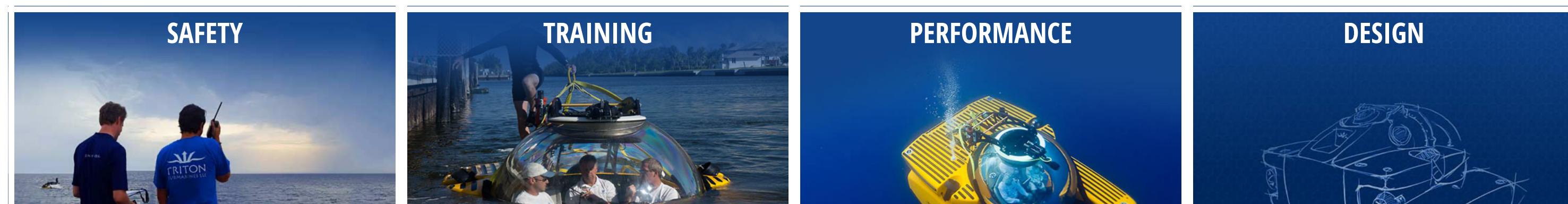
Depth	7,500ft / 2,286m
Payload	1100lb / 500kg
Crew	Pilot + 2 Pax
Speed	3kts
Endurance	10+ hours
Main Ballast	8,800lb / 4,000kg
Variable Ballast	550lb / 250kg

SIZE & WEIGHT

Length	14.4ft / 4.4m
Width	10.8ft / 3.3m
Height	8.5ft / 2.6m
Weight	23,100lbs / 10,500kg
Pressure Hull Inner ø	67 in / 1,700mm
Hatch Inner ø	11.8in / 300mm

SYSTEMS

24v Supply	Dual Supply + Emergency
Main Battery	30 kWh
Main Thrusters	2x5 hp / 2x3.7 kW
Vertran Thrusters	2x5 hp / 2x3.7 kW
Control	Joystick, Touchscreen & Manual Override
External Lights	High Output LED
Life Support	Oxygen + CO ₂ Scrubber



RELATED INFORMATION

EXPEDITION SKIDS

Triton offers mission-specific equipment load-outs designed and optimised for use with your Triton 7500/3 submersible.

[EXPEDITION SKIDS](#)

SPARES & CONSUMABLES

Triton offers packages of equipment to support missions varying from day-trips to multi-week offshore expeditions.

[SPARES & CONSUMABLES](#)

OPERATIONAL SUPPORT

Triton can provide qualified and experienced operational personnel to ensure your expeditions run smoothly.

[OPERATIONAL SUPPORT](#)

MAKE AN ENQUIRY



MAKE AN ENQUIRY

Detailed enquiry? Make a detailed query and we'll respond within 48 hours.

[DETAILED ENQUIRY](#)



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