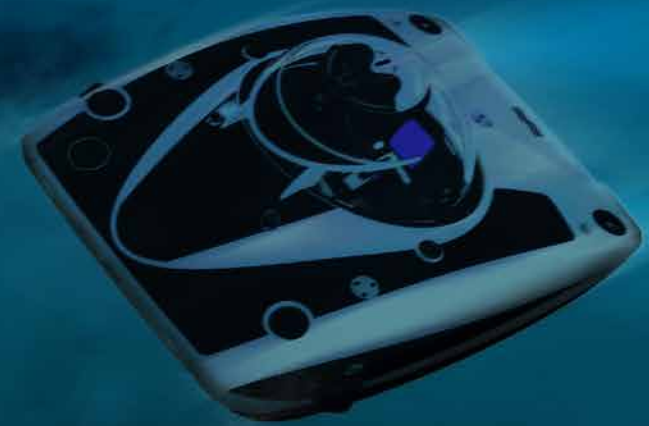


HIPER SUB

ADRENALINE-CHARGED DIVING

2 OCCUPANTS

100M



A Need for Speed

Are you ready for a fast, adrenaline-charged, underwater adventure? Buckle up and dive in one of U-Boat Worx' revolutionary two-person HiPer Subs.

Just like every other U-Boat Worx submarine, the HiPer Sub is equipped with a multitude of safety systems and fully certified by DNV GL.

The HiPer Sub's ability to perform "hydrobatics" – underwater acrobatic manoeuvres – makes it the ultimate underwater machine. Safely perform rolls, make steep turns and swift ascents and descents, all while enjoying the glorious underwater world up to 100 meters below the surface.

Thanks to our Computational Flow Dynamics calculations, drag has been reduced by more than 70% when compared with other submersibles. Each HiPer Sub is fitted with six powerful thrusters, which, combined with its hydrodynamic shape, make this submarine travel three times faster than a standard private submarine.

The HiPer Sub is an ideal attraction for luxury resorts and top-end hotels. Guests can experience the underwater world first hand, and enjoy the deft manoeuvrability of this unique submarine.

Get ready and buckle up!



HIPER SUB OVERVIEW



HIPER SUB 2



DEPTH

UP TO 100 METERS



WEIGHT

2,500 KG



OCCUPANCY

1 PILOT
1 PASSENGER



ENDURANCE

UP TO 6 HOURS

SPECIFICATIONS



GENERAL CHARACTERISTICS

HIPER SUB 2

Occupants	1 pilot and 1 passenger
Maximum Operating Depth	100 meters 330 feet
Operational Autonomy	Up to 6 hours
Type	Dry, 1 Atmosphere
Classification	DNV GL

DIMENSIONS & WEIGHT

Submersible Length	316 cm
Submersible Width	273 cm
Submersible Height	148 cm
Weight	2,480 kg

PRESSURE HULL

Pressure Hull Material	Acrylic + Steel
Hatch Type	Top-Hatch

BALLAST & BUOYANCY SYSTEMS

Number of Ballast Tanks	4
Compressed Air Capacity	2 x 20 liter @ 200 bar
Hydraulically Released Weight	Yes
Buoyancy Tank	Yes

POWER CAPACITY

Total Power Capacity	32 kWh
Battery Type	Pressure-tolerant High Capacity Lithium-ion
Propulsion System Capacity	2 x 130 VDC Battery Packs
House System Capacity	2 x 24 VDC Battery Packs
Charging (Optimal Cycle)	4 hours
Emergency Battery	96 hours for Critical Systems

PROPULSION

Propulsion Type	Electrical
Propulsion	2 x 5.5 kW + 4 x 6.4 kW thrusters
Surface Speed	6 knots
Underwater Speed	6 knots

LIFE SUPPORT SYSTEMS

Oxygen System	Continuous Flow
Mission Oxygen Capacity	2 liter (Quick Exchange)
Carbon Dioxide Removal	6 hours with Calcium-Hydroxide
Survival Period	96 hours
Emergency CO ₂ Removal	Lithium-Hydroxide Blankets
Autonomous Breathing Devices	2
Life Support Monitoring	2 independent life support monitors (O ₂ - CO ₂)

NAVIGATION, COMMUNICATION, AUXILIARY

Air Conditioner System	7,000 BTU
Underwater Communication	Single sideband acoustic telephone, 25 KHz
Surface Communication	VHF Handheld Unit
Navigation	Echosounder, Electronic Compass
Control System	MANTA controller, MARLIN controller
U-Boat Worx Information System	Alarm System, Battery Status, Thruster Status, Sensor Status, Internal Pressure, Depth, Electrical Insulation Monitoring, Water Ingress Sensors, Freon Sensor, Buoyancy Tank Level Indicator, Internal and External Temperature
Safety Equipment	Pinger Locator Beacon System, Emergency Releasable Buoy, Maximum Depth Protection, Dead-man Switch, Fire Extinguisher, External Air Connection for diver-assisted ascent, Xenon Flasher
Other	Protective Covers for Acrylic Viewports, Checklists and Manuals, Topside Communication Unit, Battery Charger

About U-Boat Worx

At U-Boat Worx we do everything possible to give you the best and safest diving experience possible. Since our start in 2005 we have grown to become the largest private submersible builder in the world. Our large fleet consists of 20 different models, and has changed the standards for private submersibles.

Each U-Boat Worx submersible is engineered and built to the highest standards. Leading Classification Society DNV GL individually classes each submersible by extensively testing each component. It is our innovation and in-house engineering that have led to many “world-firsts” and achievements that illustrate how our owners explore with the best submersibles.

We are the only submersible manufacturer who builds in series. The benefits of this approach are straightforward. Our customers enjoy the best quality, highest reliability and design at industry-defining prices.

The engineers and technicians in our Netherlands-based factory take individual care of each submersible assuring the highest level of precision and craftsmanship, to provide customized solutions for a particular mission or a bespoke design.

It is the quality of our submersibles and the dedication of the team that makes a U-Boat Worx submersible the best choice for everyone involved, from the owner and his guests, to the crew and operator.



Service & Support

U-Boat Worx provides a comprehensive support programme that covers full operational management, the provision of crew, or simply suggesting expedition itineraries and dive locations.

SUBSUPPORT

We take great care of our clients. Owning a private submarine is a seamless process. Your dedicated personal U-Boat Worx concierge is available worldwide, 24/7.

Selecting dive sites along your planned itinerary, providing our expert pilots, or arranging the annual survey – these are just a few examples of the many services we provide.

We endeavour to ensure you always have the best possible dive experience.

SUBEXPEDITION

Our SubExpedition programme is a bespoke function that networks with recognised experts and research groups around the world. This provides a wealth of information and choice when considering embarking on a research mission.

SUBCHARTER

U-Boat Worx has a wide network of charter brokers whereby owners can participate in our SubCharter facility to maximise income from their submersible and/or support vessel.

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