SUEX

THE SUBMARINE EXPLORATION COMPANY

SUEX

HERITAGE

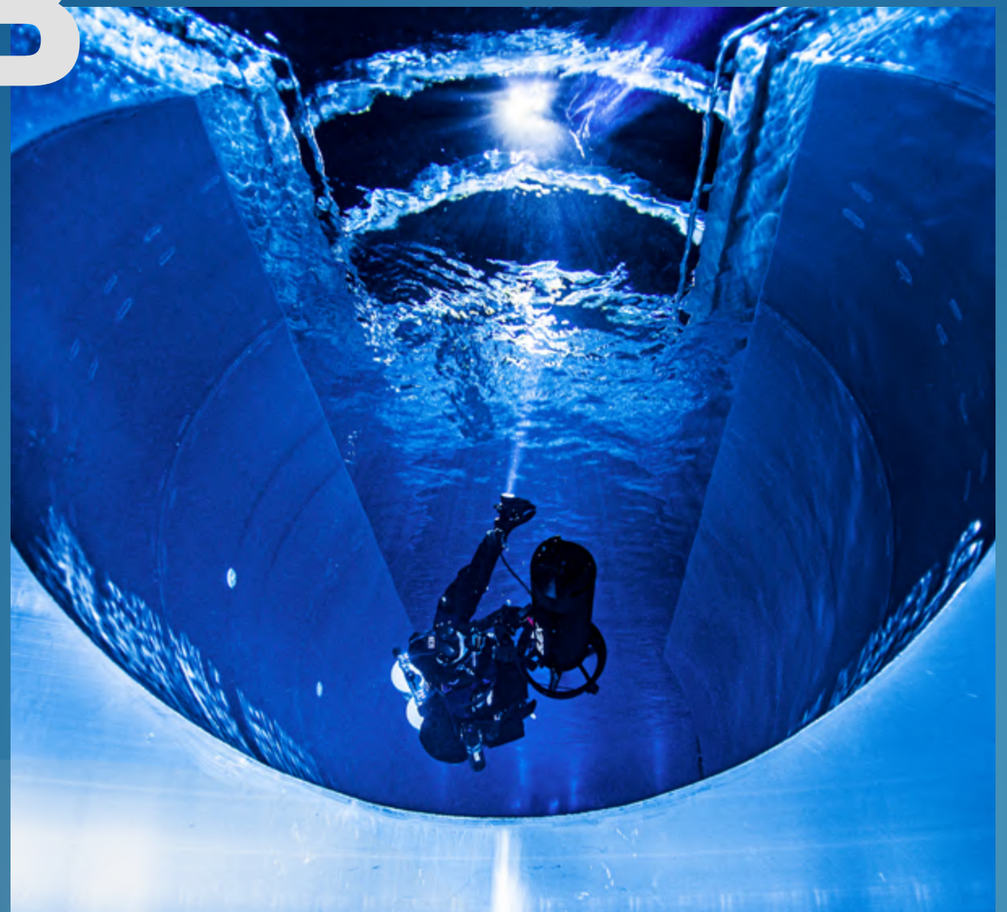
"How do great stories begin?
In 1999, in a small and quiet Italian town, two bright and passionate young men, Marco Segatto and Alessandro Fenu, joined forces to fulfill a bold dream: to create the world's best underwater scooters.

Marco and Alessandro were not convinced to follow in others' footsteps; not satisfied with the dpv already existed, they aspired to forge a new path, designing and crafting the sccoter for enthusiasts and professionals of the underwater world. It was more than a project; it was a life's mission.

Much like many other brands that have contributed to the prestige of Made in Italy, SUEX was born in a small garage. Here, Marco and Alessandro, dedicating all their free time and resources, and combining their technical skills with a passion for diving, set out to build the ideal machine with their own hands, personally testing it. Thus, "The One," the first DPV by SUEX, was born.

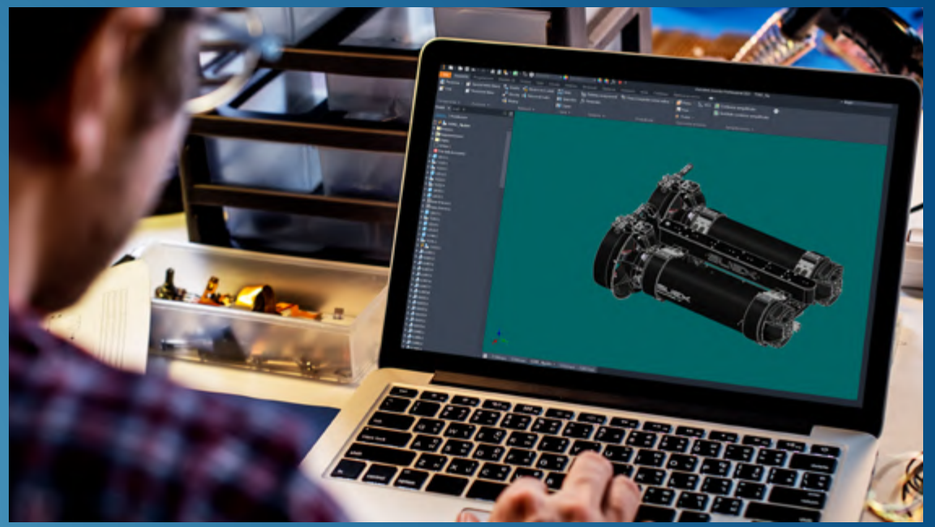
This fact marked the true beginning of a remarkable
story of Italian excellence."

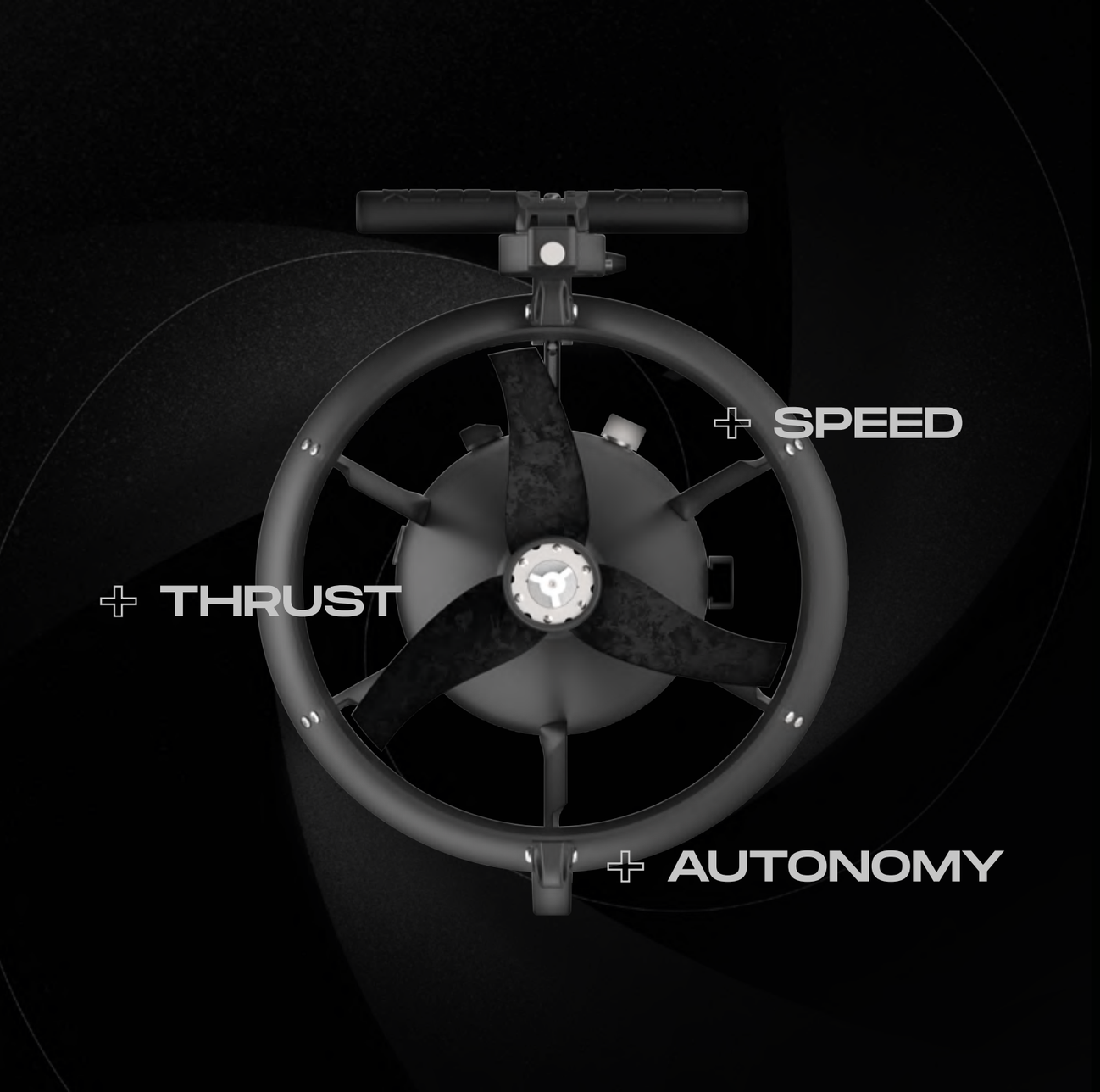
SUEX LAB



THE SUBMARINE EXPLORATION COMPANY

Since its founding 25 years ago, thousands of DPV have been built, with millions of hours of navigation. Suex has become a leading company in the underwater sector, with a clear and immutable philosophy: to combine advanced engineering, the best available technology, and the most evolved design, with a constant focus on excellence, to create a range of products that offer the best experience for enthusiasts and professionals of underwater exploration around the world. In its headquarter in Treviso, dozens of specialized technicians with multidisciplinary skills study, test, and produce the best solutions for the various needs of sport, professional, and military diving.





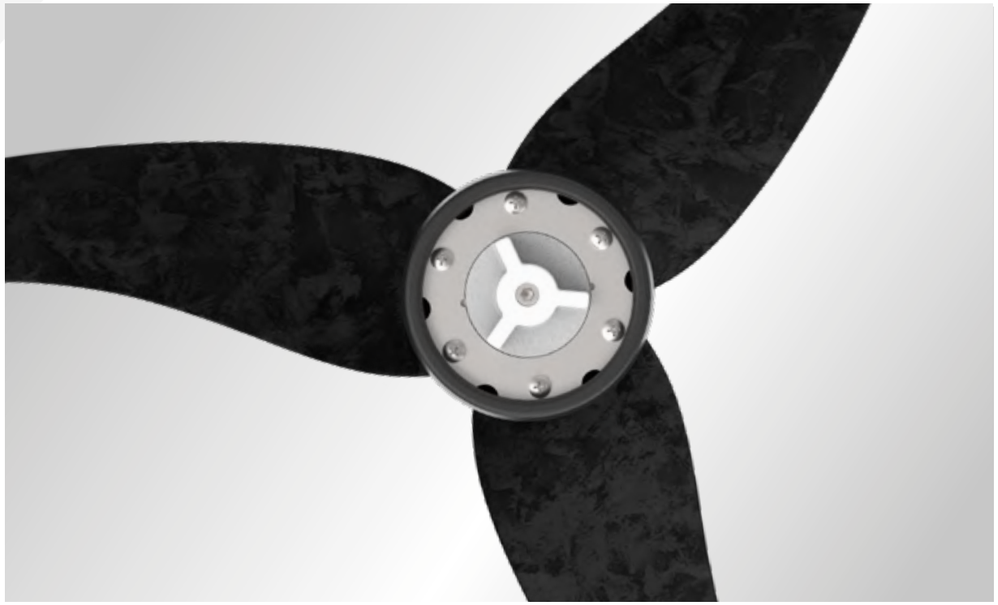
NAUTILUS CONCEPT

ALL THE ELEMENTS WORKS IN SINERGY FOR THE BEST PERFORMANCE

Inspired by the Golden Section, a symbol recognized for its perfection and simplicity from which it takes its name, the SUEX Nautilus Concept was born after years of development, research and implementation of new state-of-the-art technical elements to give rise to an innovative sailing experience.

INTEGRATED SYSTEM
OF TECHNOLOGICAL INNOVATIONS
THAT RADICALLY IMPROVE

PERFORMANCE AND NAVIGATION



NEW PROPELLER DESIGN

The new Goldfinder propeller combines a completely new and cutting-edge design with new materials for excellent performance. Thanks to its advanced features, it minimizes energy waste, optimizing the delivered autonomy and maximizing the achievable distance.

NEW BRACKETS DESIGN

New design, maximum hydrodynamic performance, noise reduction, increased efficiency, anti-torsion effect, and unparalleled performance.

NEW NOSECONE DESIGN

The new design of the Goldfinder nosecone optimizes hydrodynamic navigation efficiency and enables dual grip in all handling and transport conditions.

GOLDFINDER

SERIES

XK-XJ

GOLD IS BOLD

GOLDFINDER

SERIES
XK–XJ

+ AUTONOMY
+ THRUST
+ SPEED

Introducing Nautilus from SUEX; a new vision for navigation.
Years of research and development combined with multiple cutting-edge technical elements have resulted in this innovative system that guarantees perfect stability and navigation attitude of the SUEX DPV during operation. The synergy between the design elements of Nautilus radically improves the performance of the SUEX DPV, allowing for increased propulsive thrust, autonomy and silence, together guaranteeing an unprecedented navigation experience.

01
GEMINI SYSTEM READY

The Goldfinder series allows for dual DPV coupling using the new Gemini System: more power, built-in redundancy and maximum versatility for professional scuba divers and extreme explorers.

02
NEW DOUBLE–HANDLE NOSECONE DESIGN

Enhances handling and transport of the DPV in and out of the water.

03
NEW DRIVING ADJUSTABLE DOUBLE HANDLE

The ergonomically redesigned operating handle allows for grip customization to ensure perfect driving comfort. Right and left single handles are also available.

04
NEW DPV TOW CORD ATTACHMENT DESIGN

Enhances ease of use and increases operator safety in various water and reduced visibility conditions.

05
NEW NAUTILUS CONCEPT DESIGN

GOLDFINDER XK-XJ

SUEX COLORS

In crafting our product line, we embarked on a celestial journey to infuse each DPV from Goldfinder series with a touch of cosmic elegance. Our color palette draws inspiration from the vast wonders of space, reflecting the awe-inspiring hues found in the planets and galaxies that grace our night sky.
Each color tells a unique story, allowing you to carry a piece of the cosmos with you as you navigate your daily scuba adventures.

01 DEEP **GOLD**

02 SATURN **BLACK**

03 JET **BLACK**

04 EARTH **BLUE**

05 MARS **RED**

06 MOSS **GREEN**

XK

The XK model is the perfect DPV for technical and professional use: it allows long-range and cave exploration thanks to the Li-ION battery it is equipped with and that ensures up to 360 minutes diving at a cruising speed and up to 110 minutes diving at a 100 m/min maximum speed.

The diver can safely join up to 200 metres depths with the XK model. Through to the Calypso app the diver can have a detailed view on the DPV status in any moment.

Furthermore while pairing the DPV with the Eron D-1 dashboard the diver can access a wide range of functions, including the recording of the dive, of the depth and of the heading data (Heading).

features XK

- **DRIVe SYSTEM NAVIGATION**
- **GEMINI FRAME**
  Compatible
- **CALYPSO APP**
  Motor, Acceleration ramp settings and Battery
- **SUEX PROPLOCK SYSTEM**
  easy propeller removal system

features XJ

- **DRIVe SYSTEM NAVIGATION**
- **GEMINI FRAME**
  Compatible
- **CALYPSO APP**
  Motor, Acceleration ramp settings and Battery
- **SWITCHABLE TRAVEL BATTERY**
  travel battery NICKEL (NimH)
- **SUEX PROPLOCK SYSTEM**
  easy propeller removal system

The XJ-S model is equipped with a Li-ION battery and therefore a high capacity is granted.
The battery can be monitored through the Calypso app and the Eron D-1 dashboard and the diver can have full control of the dive.

Thanks to this kind of battery a 310 minutes runtime at cruising speed and 100 minutes diving at full speed (90 m/min) can be done.

The aluminium body and the carbon fibre PropLock propeller allow to reach up to 200 metres depths, while keeping a full control of the dive.

Furthermore while pairing the DPV with the Eron D-1 dashboard the diver can access a wide range of functions, including the recording of the dive, of the depth and of the heading data (Heading).

XJ

GOLDFINDER
XK-XJ

	GOLDFINDER XJ	GOLDFINDER XK
LENGHT	mm 814 (inch 31,1)	mm 975 (inch 38,4)
WIDTH	mm 340 (inch 13,4)	mm 364 (inch 14,33)
HEIGHT	mm 436 (inch 17,2)	mm 462 (inch 18,2)
BODY DIAMETER	mm 197 (inch 7,8)	mm 197 (inch 7,8)
WEIGTH WITHOUT BATTERY	kg 14 (lb 30,9)	kg 17 (lb 37,48)
WEIGTH WITH BATTERY	kg 20 (lb 44,1)	kg 25 (lb 55,12)
MATERIAL TYPE	Aluminum body	Aluminum body
BUOYANCY / TRIM	Neutral	Neutral
IN WATER USAGE TEMPERATURE	°C -5/+35 (°F +23/+95)	°C -5/+35 (°F +23/+95)
MAXIMUM OPERATIONAL DEPTH	mt 200 (ft 656)	mt 200 (ft 656)
MAX STATIC THRUST	N 330 (lb 74,2)	N 375 (lb 84,3)
TOP SPEED	mt/min 90 (ft /min 295)	mt/min 100 (ft /min 328)
RUN TIME AT FULL TRIGGER	min 100	min 110
RANGE AT FULL TRIGGER	km 9	km 10
CRUISE SPEED	mt/min 45 (ft/min 147,6)	mt/min 45 (ft/min 147,6)
RUN TIME AT CRUISE SPEED	min 310	min 360
RANGE AT CRUISE SPEED	km 14	km 16,2
BATTERY TYPE	Li-Ion	Li-Ion
NOMINAL VOLTAGE	Volt 25,2	Volt 36
NOMINAL CAPACITY	Wh 940	Wh 1340
MAXIMUM RECHARGING TIME	h 8	h 8
CHARGER POWER SUPPLY	Volt 100/220 - 50/60 Hz	Volt 100/220 - 50/60 Hz

- Top speed is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - drysuit - double 12 tanks - horizontal trim - Conditions : sea water - no flow/current

VR-T EVO

features VR-T EVO

SUITABLE FOR AIR TRAVEL
(Check the airline's conditions of carriage)

CALYPSO APP
Motor, Acceleration ramp setting

TECHNOPOLYMERS
body

SWITCHABLE BATTERY
to VR-X, Li-Ion

SUEX PROPLOCK SYSTEM
easy propeller removal system

The VR-T EVO model is equipped with a NimH battery that can be charged in 4,5 hours and that allows up to 100 minutes runtime at a cruising speed or 60 minutes at a 65 m/min maximum speed.

The VR-T EVO model can be shipped airfreight, allowing the diver to travel around the world with the dpv and without worrying about logistics.

features VR-X EVO

EXTERNAL CHARGE

CALYPSO APP
Motor, Acceleration ramp settings and Battery

TECHNOPOLYMERS
body

SWITCHABLE TRAVEL BATTERY
travel battery NICKEL (NimH)

SUEX PROPLOCK SYSTEM
easy propeller removal system

The VR-X EVO model is equipped with a Li-ION battery, perfect for long dives up to 150 minutes at cruising speed or 100 minutes at a 65 m/min maximum speed. Furthermore this kind of battery can be charged externally, without removing it from the scooter.

A special diving experience up to 101 metres deep can be done thanks to the Calypso app since it allows the diver to check both the motor and the battery status in any moment.

VR-X EVO

	VR–T EVO	VR–X EVO
LENGTH	mm 720 (inch 28.3)	mm 720 (inch 28.3)
WIDTH	mm 340 (inch 12.9)	mm 340 (inch 12.9)
HEIGHT	mm 425 (inch 16.7)	mm 425 (inch 16.7)
BODY DIAMETER	mm 200 (inch 7.8)	mm 200 (inch 7.8)
WEIGHT WITHOUT BATTERY	kg 11,50 (lb 24.5)	kg 11,50 (lb 24.5)
WEIGHT WITH BATTERY	kg 16,50 (lb 35.3)	kg 16,50 (lb 35.3)
MATERIAL TYPE	Tecnopolymers/Polycarbonate	Tecnopolymers/Polycarbonate
BUOYANCY/ TRIM	Neutral/Neutral	Neutral/Neutral
IN-WATER USAGE TEMPERATURE	°C -5/+35 (°F +23/+95)	°C -5/+35 (°F +23/+95)
MAXIMUM OPERATIONAL DEPTH	mt 101 (ft 331)	mt 101 (ft 331)
MAX STATIC THRUST	N 200 (lb 44.96)	N 200 (lb 44.96)
TOP SPEED	mt/min 70 (ft/min 213)	mt/min 70 (ft/min 213)
RUN TIME AT FULL TRIGGER	min 60	min 100
RANGE AT FULL TRIGGER	km 4	km 6
CRUISE SPEED	mt/min 48	mt/min 48
RUN TIME AT CRUISE SPEED	min 100	min 150
RANGE AT CRUISE SPEED	km 4,8	km 7,2
BATTERY TYPE	Nimh	LI-ion
NOMINAL VOLTAGE	Volt 24	Volt 25,2
NOMINAL CAPACITY	Wh 324	Wh 575
MAXIMUM RECHARGING TIME	h 4,5	h 6
CHARGER POWER SUPPLY	Volt 110/220 50/60HZ	Volt 110/220 50/60HZ

- Top speed is delivered with fully charged battery
- Diver : 70kg weight, 170cm high - drysuit - double 12 tanks - horizontal trim - Conditions : sea water - no flow/current

DRIVE

DIVER REMOTE INFORMATION VIEW

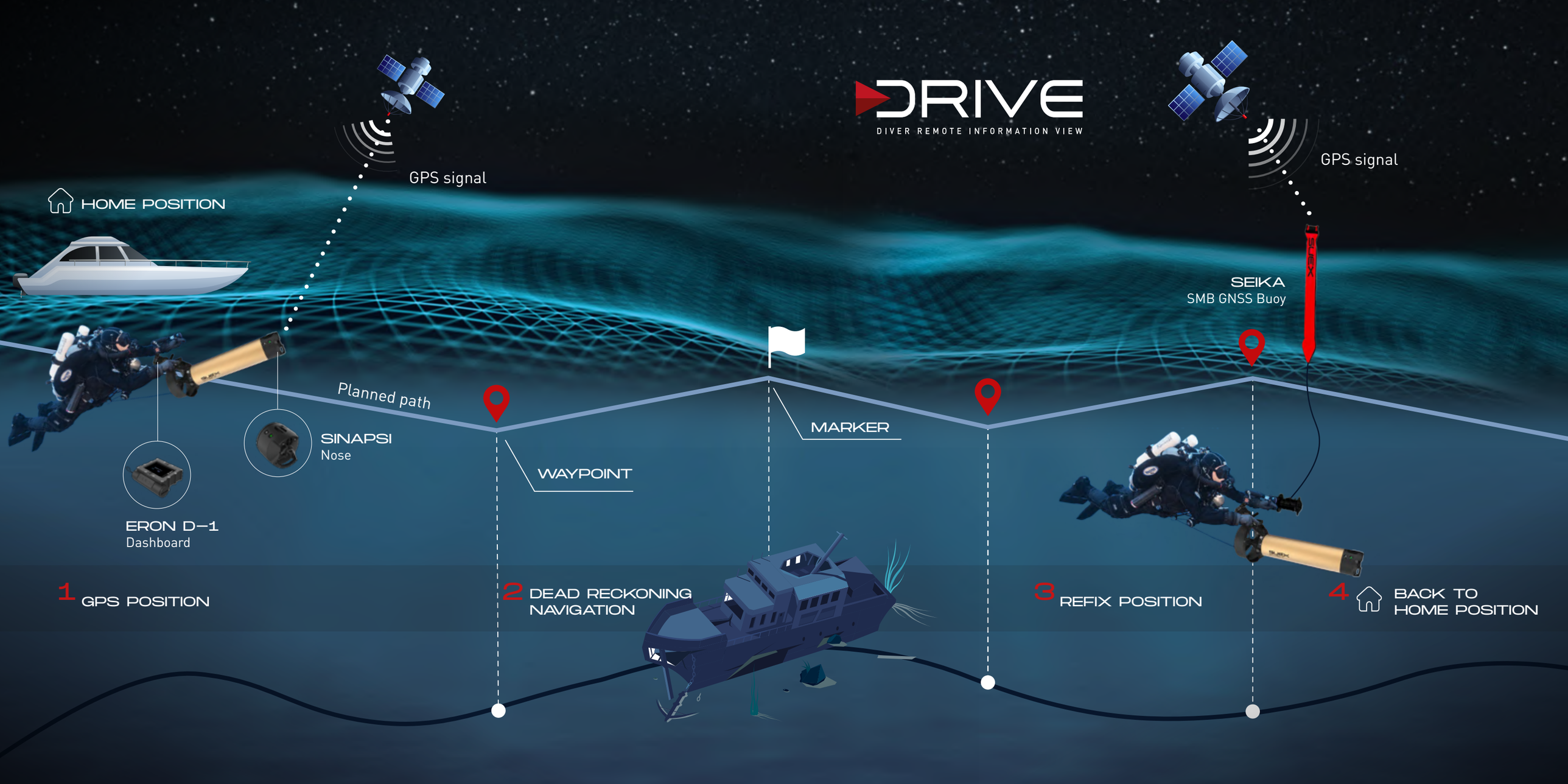
DRIVe

DIVER REMOTE INFORMATION VIEW

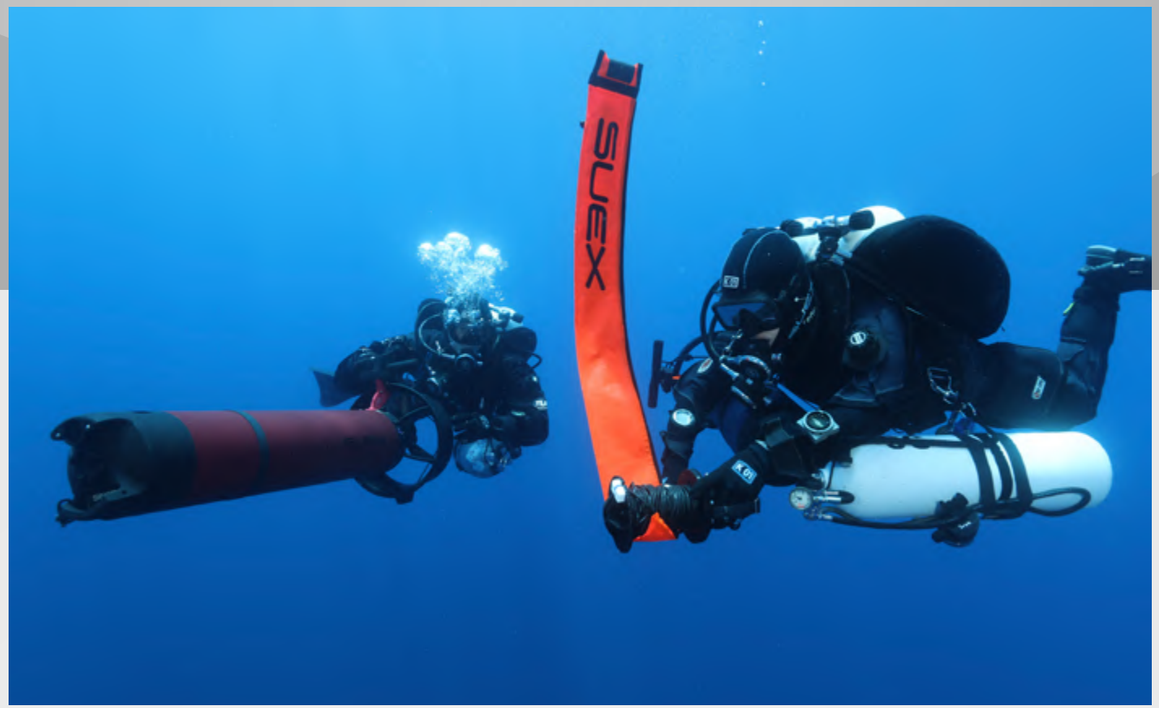
is an integrated system that provides the SUEX diver with detailed information in the pre, during and post dive phases. The innovative DRIVe system devices provide the user with strategic information for management, safety and fun during their dives.

The SUEX Drive navigation system is based on dead reckoning technology, a method that utilizes AHRS (Attitude-Heading-Reference-System) sensors and, through inertial data such as propulsion, speed, and orientation, continuously provides information regarding the position of a DPV (Diver Propulsion Vehicle) during navigation.

This technology makes the system particularly suitable for underwater navigation where satellite signals are absent, and if needed, can be wirelessly provided by the SMB Seika. The combination of all elements comprising the DRIVe system ensures an extremely accurate and secure navigation experience during the diving phase.


DRIVE
DIVER REMOTE INFORMATION VIEW
GPS signal
HOME POSITION
GPS signal
SEIKA
SMB GNSS Buoy
Planned path
SINAPSI
Nose
ERON D-1
Dashboard
WAYPOINT
MARKER
1 GPS POSITION
2 DEAD RECKONING NAVIGATION
3 REFIX POSITION
4 BACK TO HOME POSITION

DRIVe ELEMENTS



CALYPSO
App

Calypso, available for Android and iOS devices, enhances the navigation experience and provides the diver with useful DPV information by recording essential data before and after the dive. Compatible with the entire line of SUEX DPVs, the Calypso app also interacts in wireless mode with the Eron D-1 dashboard.

ERON D-1
Dashboard

ERON D-1 dashboard is a complete underwater instrument (current depth, max bottom timer) equipped with an advanced technical underwater navigation system able to receive, via wireless connection, the telemetry data coming from the DPV and display the battery charge level of the DPV and the data of navigation.

SEIKA
GNSS bouy

Designed to significantly enhance underwater diver navigation, SEIKA uses an embedded GNSS (Global Navigation Satellite System) receiver within an SMB (Surface Marker Buoy) to capture precise diver position and communicate that position to the SUEX ERON D-1 dashboard.The GNSS receiver accepts valid satellite positioning signals from global, commercial networks including GPS, GLONASS and GALILEO.

The diver simply deploys the GNSS-SMB receiver from depth, the satellite position is captured on the surface, the position is relayed to the diver's ERON D-1 dashboard, the diver's position is updated and the diver continues on the updated path to the next waypoint or return to the back home.SEIKA can be deployed multiple times during a dive mission while also functioning as an SMB with a maximum length 12m cable.

SINAPSI
Nose

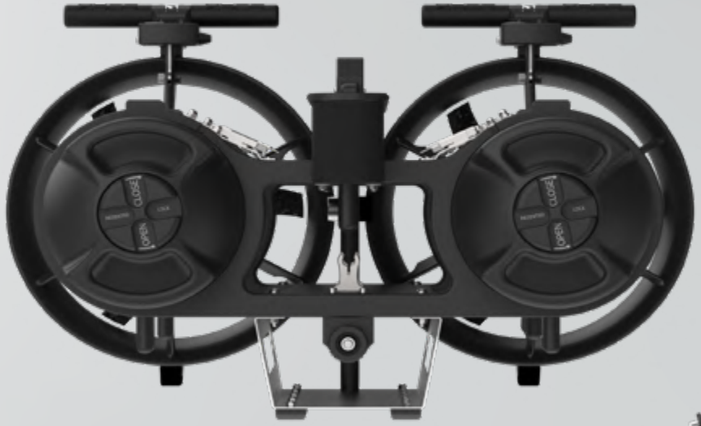
SINAPSI is a special nose for navigation that replaces the standard nose. It is equipped with sophisticated electronics to receive and process underwater navigation data acquired via DPV.
The integrated propeller into the system allows you to calculate the speed and consequently the distance traveled or missing to the point of arrival.

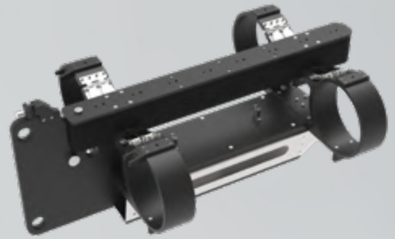
GEMINI

FRAME

Two frame models designed for

XK & XJ GOLDFINDER





GEMINI XK GOLDFINDER: 97,5 cm
GEMINI XJ GOLDFINDER: 83,4 cm

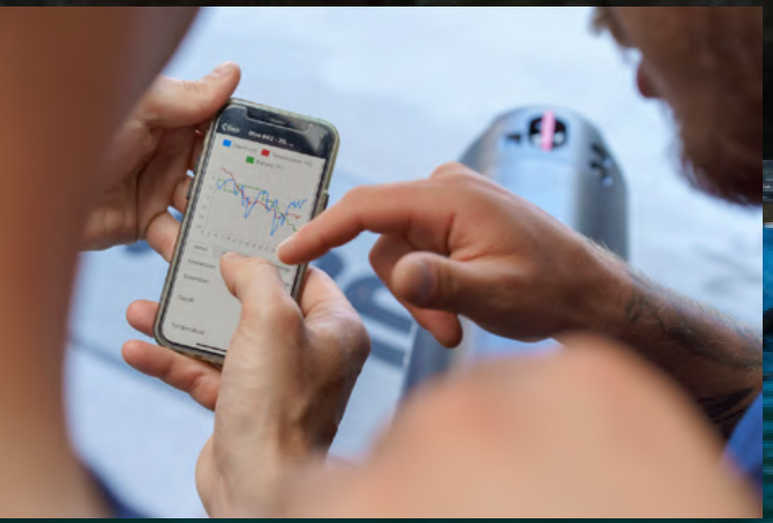
Gemini is the new technological frame that allows to couple two Goldfinder XKs and XJs (each model has its own dedicated frame). The coupled system offers a doubled thrust, increased runtime and, enhanced redundancy.

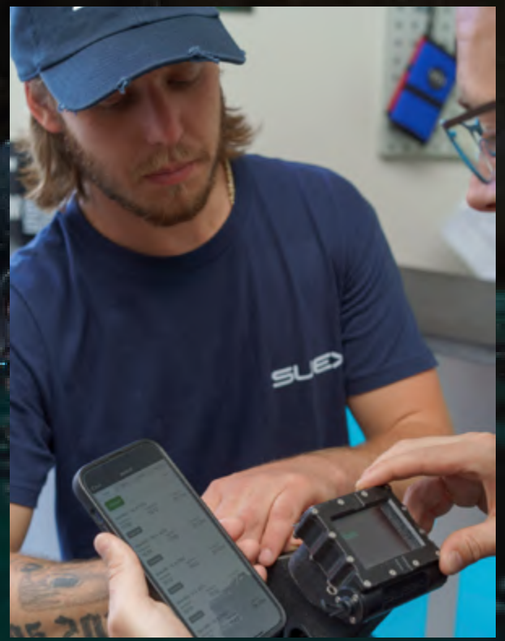
This platform offers an incredible payload support for various professional equipment that can be attached to the Suex standard rail.

This specific device is derived from military application where is vastly appreciated for its unique features and robustness.
The design is clearly superior to existing competitors in tems of built-in quality and performance.

Target: Advanced tech and professional divers.

SUEX
PEOPLE





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