



Seacraft Dive Scooter



The Seacraft underwater scooter (DPV – Diver Propulsion Vehicle) is an additional element of diving equipment used for faster movement and increased range diving. By purchasing the Seacraft underwater scooter you choose one of the best products available on the market today. The modern and innovative character of all SEACRAFT models is the result of detailed planning and supervised production processes. The manufacturer of the device, based on their own long-standing research and development, have applied innovative solutions in the field of machine design that have not yet been used in such devices: the motor running at full immersion, the post swirl stator, double sided steering handle, and electronic controllers, amongst others.

Legendary diver – Nuno Gomes uses Seacraft Scooter



Nuno Gomes – holder of two world records in deep diving (independently verified and approved by Guinness World Records), the cave diving record from 1996 to the present and the sea water record from 2005 to 2014.

Author of famous BEYOND BLUE “Journey into the Deep” book.

“The Seacraft scooter is for the diver who wants professionally designed diving equipment. It is reliable, robust, durable and yet, easy to maintain, even underwater. It’s the only scooter that has successfully reached depths in excess of 300 meters (1000 feet).

The top Seacraft scooter can cover distances of up to 31 kilometers (19 miles) on one battery charge. Accessories include a sophisticated digital navigation system with distance meter and bottom timer. After diving, one can view the dive profile, as well as the route followed on the navigation system.”

Nuno Gomes

SEACRAFT Ghost



SEACRAFT GHOST is a model for professionals, whose high requirements in technical equipment dictate work in special forces, rescue services, or so-called difficult explorations. Properly selected parameters of the GHOST model provide amazing driving parameters and power, phenomenal maneuverability and unmatched ease of use. The extremely high level of efficiency of the device results from innovative technology, which allows to reach very high speeds and depths while ensuring safety and ergonomic use. This model is recommended to all divers, for whom exploration depth is an everyday challenge or task.

The GHOST model was built to exceed the current limits set by other DPV scooters on the market. The SEACRAFT GHOST model includes the world's quietest fully-immersed engine, an innovative OLED graphic display on-board computer that allows for individual configuration of the device and an exceptionally large battery (standard 1500W, extra capacity 2000W). The unique features of the device make it possible to reach diving distances previously unavailable even for equipment dedicated to professionals. This model is characterized by the highest precision and speed that today is unique to the models used by the military and special forces.

Model GHOST includes:

- Battery dedicated to scooter GHOST 1500 Wh or 2000 Wh
- Charger 400W 9S Lilon dedicated to GHOST scooters
- Aluminium transport bracket ø208
- Universal sports camera mount, attached to the control module
- Internal scooter ballast mounting plate
- Trimming weight 62 g – 3 additional pieces
- Trimming weight 182 g – 3 additional pieces
- Scooter harness 1,8 m with carabiner and two tensioners
- Spare parts set for GHOST – set of seals and grease for seals
- Service key

SEACRAFT Ghost

MODEL	Ghost BX1500	Ghost BX2000
MOTOR		
Working time at optimal speed (45 m/min.)*	>525 min.	>700 min.
Working time at maximum speed (gear 9)*	>140 min.	>220 min.
Range*	>23,6 km	>31,5 km
Maximum static thrust	>340 N	>340 N
Maximum speed*	>1,6 m/s	>1,6 m/s
BATTERY		
Battery Li-Ion capacity	1500 Wh	2000 Wh
Nominal battery voltage	32,4 V	32,4 V
Maximum battery voltage (after charging)	37,8 V	37,8 V
Minimum battery voltage (after discharging)	26 V	26 V
Charger operating voltage	230 V, 50 Hz, 400 W	230 V, 50 Hz, 400 or 900 W**
Average time of charging 90%	4 h	6 or 3 h
Average time of charging 100%	5 h	7 or 3,5 h

DIMENSIONS		
Dimensions in millimeters	800x360x410	800x360x410
Housing diameter	208 mm	208 mm
Weight without battery and ballast	12 kg	12 kg
Weight with battery and fresh water ballast	22,9 kg	22,9 kg
OTHER		
Maximum depth	220 m	220 m
Tested depth	300 m	300 m
Correct displacement (with adjusted ballast)	Neutral	Neutral
Level/Trim (with adjusted ballast)	Neutral	Neutral
Scooter operating temperature***	-5/+45°C	-5/+45°C
Scooter storage temperature	-25/+50°C	-25/+50°C
Temperature while charging	+10/+40°C	+10/+40°C

* Applicable in terms of a diver in a twinset 2x12, in a dry suit, in fresh water. Range tested for optimal speed.

** Depending on the order.

*** At temperatures below 0°C, due to the properties of lithium cells, the battery capacity and hence the scooter's performance can be significantly reduced. It is a reversible process – after raising the temperature of the battery to temperature level above 0°C the capacity of the battery returns to the nominal capacity.



In 2018 Krzysztof Starnawski and Jarek Macedonski using Seacraft DPV they have broken one-by-one several world depth records.

Starnawski has driven over 1300m on average depth almost 200m, during his extreme exploration in Saint Sauveur resurgence in France using Ghost 1500 scooter.

**Record-breaking deep dives:
316m CCR world depth record on Lake Garda, Deepest dive on DPV in history.**



Seacraft DPV's are extremely durable due to the special construction.

Ultramodern solutions allowed for not only extreme durability, but also smallest weight of the scooter in their class .

Seacraft is strong, light and manoeuvrable.



In official Guinness World Record attempt, Janusz "Janiu" Czachor has driven 450km underwater during 30 days, using SEACRAFT Ghost 2000 DPV.



**Record
in longest
distance
driven
underwater
using DPV:
450km driven
in 30 days.**

"Seacraft amazing driving comfort was mandatory to be able to repeatedly spend 6h on the trigger every day.

Unique drive system provided power and range which allowed for so extreme mileage without any maintenance."

Janusz "Janiu" Czachor

SEACRAFT Future



SEACRAFT FUTURE is the flag model of the Seacraft brand. Includes a 750W or a 1000W battery, which allows for extended use of the power of the scooter, on average 2-4 dives without charging the battery. This model is perfect for recreational and technical diving to a depth of 150m. It also works well in scooter rentals located in diving bases and clubs around the world. Intuitive and simple handling and ergonomics guarantees convenient operation, and state-of-the-art technical solutions ensure the safety and comfort even for less experienced divers.

The economical design of the model also gives a short battery charging time, approximately 3 hours. Charging is possible without opening the scooter, since the charging socket is located directly in the housing case of the device. FUTURE was tested by many recognized divers in the world, including exploration of caves and wrecks in both salt and fresh water. It's the lightest (only 15,9kg with battery), the fastest and most compact scooter in its class currently available on the market. Its additional advantage is the long range of diving, which was achieved mainly by the high efficiency of the drive unit and the high power of the battery

Model FUTURE includes:

- Battery dedicated to scooter FUTURE standard 750 Wh or 1000 Wh
- Charger 240W 9S Lilon dedicated to FUTURE scooters
- POM transport bracket $\varnothing 160$
- Universal sports camera mount, attached to the control module
- Internal scooter ballast mounting plate
- Trimming weight 62 g – 3 additional pieces
- Trimming weight 182 g – 2 additional pieces
- Scooter harness 1,8 m with carabiner and two tensioners
- Spare parts set for FUTURE – set of seals and grease for seals
- Service key

SEACRAFT Future

MODEL	Future BX750	Future BX1000
MOTOR		
Working time at optimal speed (45m/min.)*	>260 min.	>350 min.
Working time at maximum speed (gear 9)*	>70 min.	>95 min.
Range*	>11,7 km	>15,7 km
Maximum static thrust	>340 N	>340 N
Maximum speed*	>1,6 m/s	>1,6 m/s
BATTERY		
Battery Li-Ion capacity	750 Wh	1000 Wh
Nominal battery voltage	32,4 V	32,4 V
Maximum battery voltage (after charging)	37,8 V	37,8 V
Minimum battery voltage (after discharging)	26 V	26 V
Charger operating voltage	230 V, 50 Hz, 240 W	230 V, 50 Hz, 240 or 400 W**
Average time of charging 90%	3 h	5 or 3 h
Average time of charging 100%	4 h	6 or 4 h

DIMENSIONS

Dimensions in millimeters	845x360x410	845x360x410
Housing diameter	160 mm	160 mm
Weight without battery and ballast	10 kg	10 kg
Weight with battery and fresh water ballast	15,9 kg	15,9 kg

OTHER

Maximum depth	150 m	150 m
Tested depth	250 m	250 m
Correct displacement (with adjusted ballast)	Neutral	Neutral
Level/Trim (with adjusted ballast)	Neutral	Neutral
Scooter operating temperature***	-5/+45°C	-5/+45°C
Scooter storage temperature	-25/+50°C	-25/+50°C
Temperature while charging	+10/+40°C	+10/+40°C

* Applicable in terms of a diver in a twinset 2x12, in a dry suit, in fresh water. Range tested for optimal speed.

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Vanilla Sky Project is cave exploration project in Mexico, held since 2013.

Huge cave system is explored and 2018 edition was especially challenging.



One of the discovered cenotes – O-Ho Tuscha – was developing on greater depths than normally, and with long penetration distances. Using SEACRAFT scooters and sidemount T-reb rebreathers divers were able to work in this environment and surveyed more than 6 km of passages in just 12 days.

Extreme light weight of used Future 1000 models was crucial, as all equipment needed to be carried through the jungle to reach cave entrance.



 **SEACRAFT**
MADE TO EXPLORE

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