


# SEABOB DIVEJET 414

High performance technology



The SD 414 is switched and operated through the use of modern piezo sensors.

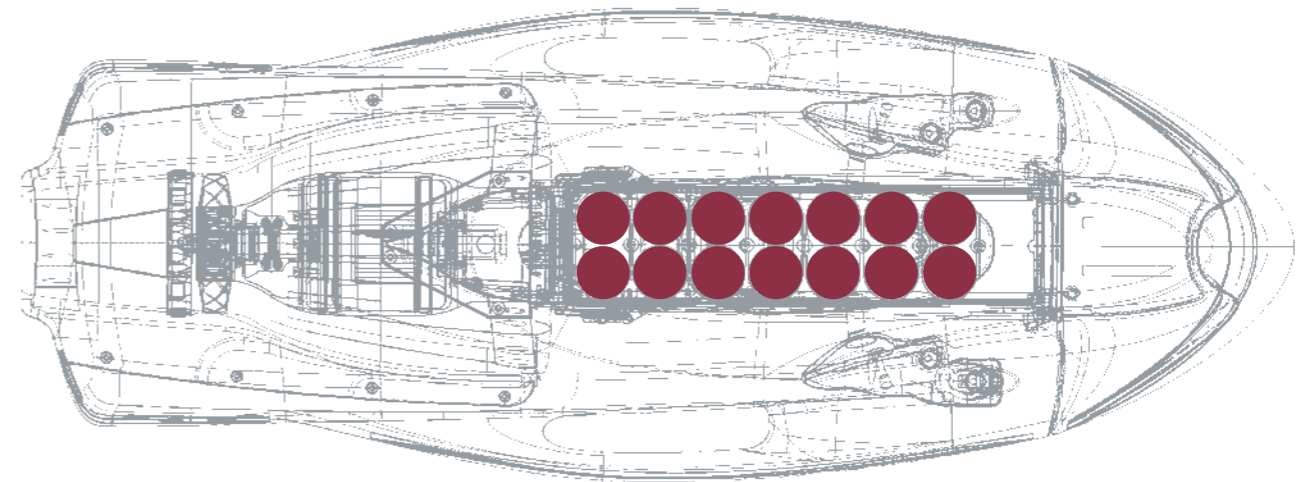
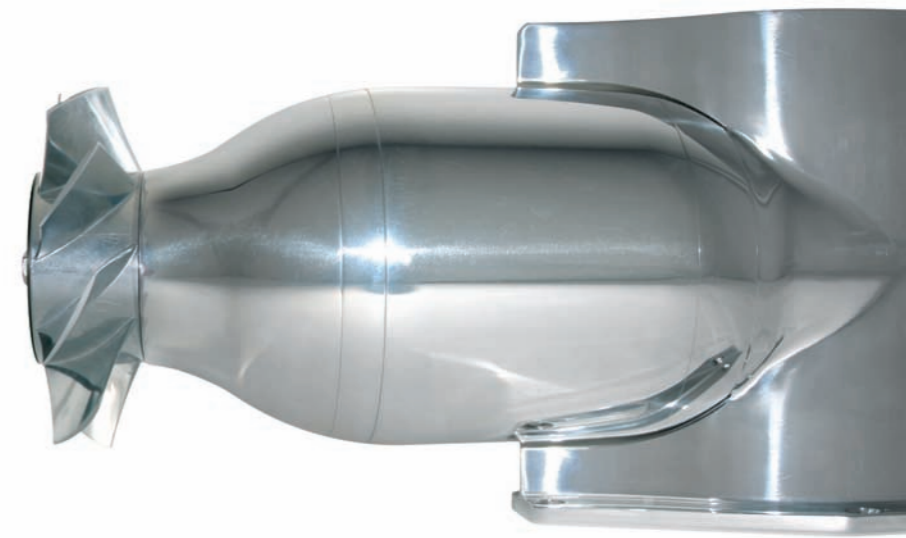
For navigation in water the SD 414 is provided with a modern electronic compass. At all times the display provides navigation information as well as all important operating information. This comprises of current power setting, available accumulator capacity, actual diving depth and water temperature.

Attachment mechanism for pilot belt system.

## E-JET ENGINE

The mechanism used is a high-torque synchronized drive unit featuring a microprocessor-controlled 3-phase sinus power management system. Using cutting-edge technology, this motor develops the ideal amount of torque with extraordinary efficiency.

The uncompromising use of quality components and special high-grade coatings has made this motor extremely robust and completely maintenance-free. During an endurance test over 10,000 hours of operation at full load, the drive mechanism demonstrated absolutely no breakdowns or reduction in performance.



## ENERGY SYSTEM

The energy for the E-jet power system comes from exceptionally efficient High-Energy Li-Ion accumulators. These large and special high-performance accumulators form a high-quality component in the overall propulsion concept of the SEABOB DIVEJET 414.

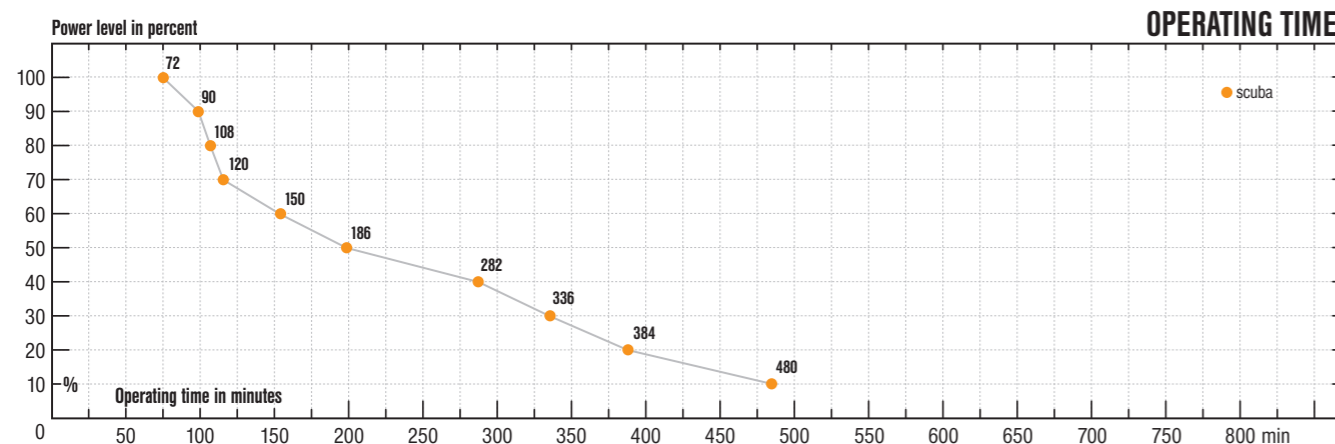
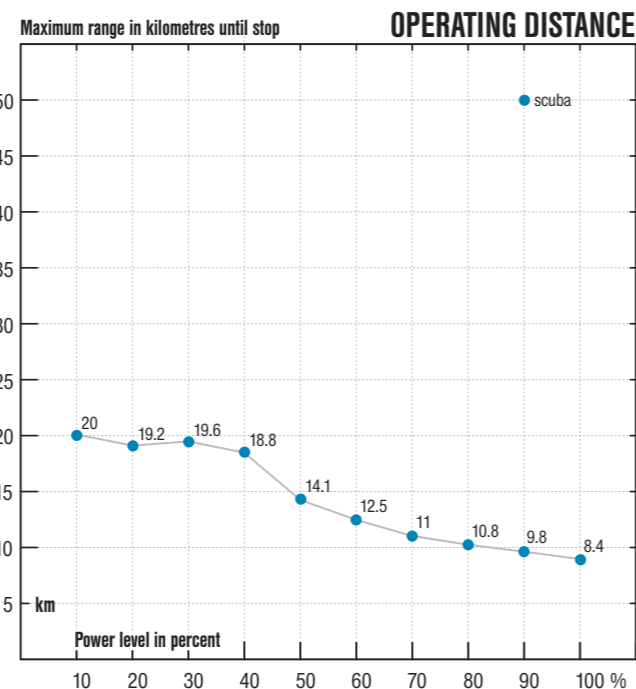
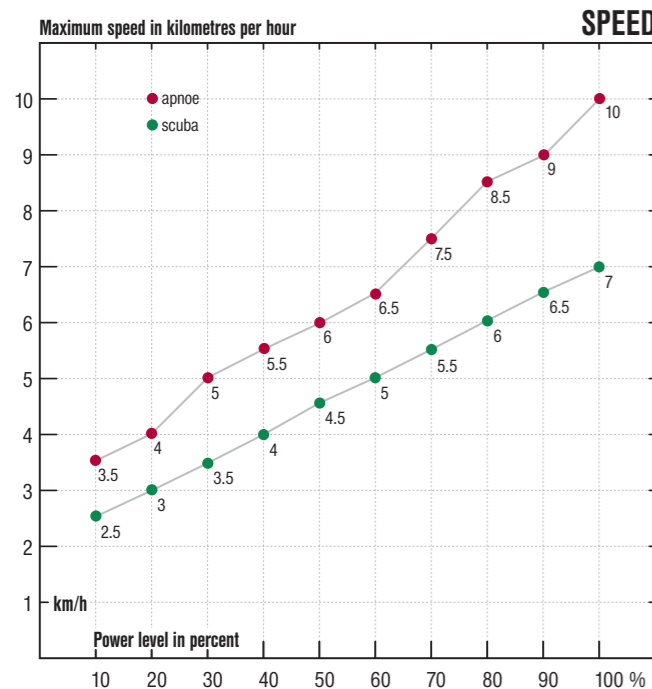
Li-Ion is a pioneering technology and a product of space research. These specially-developed long lasting accumulators with a life cycle of approx. 18 years are presently used to power earth-orbiting satellites. After being charged 2,000 times, the High-Energy Li-Ion accumulator cells demonstrated no significant reduction in performance and no memory effect.



# TECHNICAL DATA

Performance data and diagrams

<b>Performance up to</b>	3.0 kW (4 HP)
<b>Thrust up to</b>	470 N (47 kg)
<b>Speed control</b>	10 power levels
<b>Speed up to</b>	10 km/h
<b>Energy - without memory effect</b>	High-Energy Li-Ion accumulators
<b>Total capacity</b>	2.1 kW/h; 56 V; 40 Ah
<b>Operating time - average</b>	2+ hours (see chart below)
<b>Operating distance - average</b>	10 km (see chart below)
<b>Charging time</b>	10 h charger / 2 h quick charger (approx.)
<b>Maximum diving depth</b>	60 metres (197 ft)
<b>Weight</b>	64 kg (approx.)
<b>Dimensions in L x W x H</b>	1,296 x 481 x 379 (in mm)



# ACCESSORIES

Accessories included in delivery



**Pilot belt system** To minimise fatigue in the arms of the operator during high speed or long underwater missions.



**SEABOB-Weight** Provides optimal buoyancy for the SD 414 in all diving applications.



**Charger** To provide charging of the accumulators. Charging time approx. 10 hours. An optional quick charger can be ordered. Charging time approx. 2 hours.



**SEABOB-Bag** Protection bag for the transport and storage of the SD 414.

