

Mariscope Meerestechnik started the development of ROVs in the early 90s and the first sales of industrial quality ROVS started in 1994. Nowadays Mariscope is one of the very few remaining companies that is still owned by its founder, Christian Haag.

Over the years Mariscope specialized in the manufacturing of customized ROVs, Towed systems, Deep Sea Cameras and Oceanographic equipment.

The product range of ROVs goes from compact systems to work-class units.

Mariscope moreover is the only manufacturer worldwide to give a life time warranty on its systems, without a limitation of working hours.

Stainless steel and aluminum housings, rugged stainless steel frames and complete modular components are just some of the main features of the all electric systems.

This ROV is equipped with 4 thrusters. In the case of the SF Model, the horizontal thrusters are of 600 W (standard 300 W) in order to have increased forward speed.

The lateral thruster is ideal when lateral movement is needed. The thrusters have no cooling fluids. An electronic circuit protects the thrusters in case of overload and it can be reseted from the surface control panel. The maximum operational depth is 500 m.

Equiped with HD, Full HD or 4K Cameras, the Diavolo III is able to operate in many different environments and conditions.

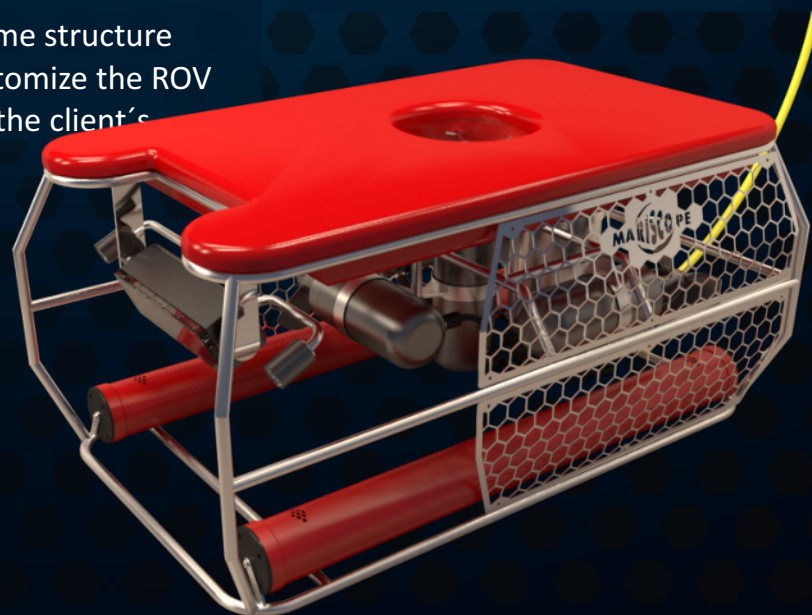
The open frame structure allows to customize the ROV according to the client's

needs. Diavolo III is a perfect base for multipurpose operations.

The wireless steering console and the wireless video transmission combined with the video console and recording unit, all of them installed in Pelican cases, makes the system highly transportable and flexible.

The ROV umbilical is located on a stainless steel reel with gold plated slip ring assembly.

The umbilical cables is specially designed for this ROV and is neutrally buoyant in sea water.



### Highly Reliable Technology



Its diameter is 16 mm and has a Kevlar reinforcement providing a strength of 2000 kg. The compass and the digital depth meter have an on screen display and can be activated or deactivated (on/off) manually from the surface console.

*Control Vans, Built in Control stations, Electric Winches and other special equipments available on demand.*

*“Mariscope: we build your Ideas”*

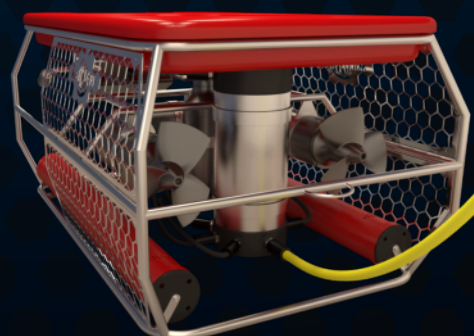
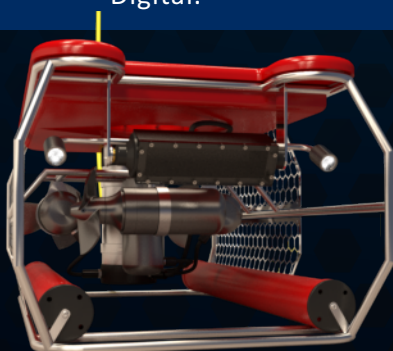
## Technical specifications

Dimensions (LxWxH):	1000x600x500mm (variations posible)
Weight:	45-95Kg depending of equipment.
Operating depth:	100m - 500m
Electric power :	230vAC / 2,5Kw
Speed:	3 knots (5 knots for SF)
Propulsion:	2 x 300W horizontal (2 X600W for SF), 1 x 300w vertical and 1 x 300w lateral power.
Front camera on tilting mechanism:	Full HD or 4K camera options according to the actual latest camera systems.
Rear fixed camera:	Full HD or 4K camera options according to the actual latest camera systems.
Light:	High output LED flood light, fixed and on tilting mechanism
Tilting:	Light and camera are tilted simultaneously
Umbilical:	Multipolar, highly flexible (PUR) umbilical with Kevlar reinforcement. Breaking strength of 2 tons, length of 100 - 500m.
Compass:	Digital.

Auto depth, auto dive and auto heading functions as standard.	
Depth meter:	Digital.
Cable reel:	For 100 – 500m cable with slip rings.
Consoles:	Wireless steering and video console, including recording unit & video goggles
Stainless steel surface transport push cart.	

## Optional Systems

- External text overlay on screen.
- Additional rear light.
- Laser pointers.
- Temperature, salinity, chlorophyll sensors.
- CO2 Sensor
- Oil in water sensor
- CH4 sensor
- Sonars: side-scan and forward-looking.
- One function manipulator.



designed,  
engineered &  
made in Germany

