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SUBSEA

Who are we?

- Norwegian company, today 30 Employees
- Located in the town of Bryne, 40 min. from Stavanger, Norway
- Specialized in Subsea equipment and ROV's and related products
- Manufacturing, service and operation personnel
- Owned by IKM Group – a large industrial group in Norway serving the offshore industry

Neptun Subsea's philosophy is
to keep the equipment SIMPLE
to give our clients
reliability, redundancy and
HIGH PERFORMANCE

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The ROV Factory

Our office and fabrication facilities in Bryne, Norway

4500 m2

Inhouse CNC machinery

Composite and buoyancy production

ROV & tooling production

Test pool

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ROV Production

Neptun Subsea AS is a production and service company with main focus manufacturing and support of the in-house developed Astrix ROV

Our design has high focus on use of standard industrial components and environmental consequences of under water operation.

We can deliver an electrical “Greener ROV” that has minimum hydraulic oil in the system.

- Electrical 200 HP WROV
- Electrical TMS
- A Frame
- Electrical Winch
- Tooling

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GRP production

Neptun Subsea AS has its own facilities for GRP construction and repair related to ROV's.

Neptun Subsea AS also repairs buoyancy elements for risers

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Neptun Subsea AS is developing and producing new types of ROV's.

By thinking and working under the common philosophy that the clients time is money

By using Airline industry ideas that vital systems shall have double redundancy.

By using well proven standard industrial components.

By using simple drive lines and industrial control systems

By using this philosophy we can simplify teaching and training of new operators

Neptun Subsea AS sets a new standard in the subsea industry by focusing on reliability as well as flexible tooling.

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The technology

The ROV is an electrical Remote Operated Vehicle that is a robot for underwater construction and survey.

Our ROV design and ideas are based on long experience with operation and production of similar equipment. The company has a very special design and gives the customer a much more reliable and easily maintained system.

This is of high importance, as the surrounding costs of these operations are very high - this normally is operated of a big offshore vessel.

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The technology (continued)

Traditional ROVs have normally been especially designed and all components have been purpose built for the specific machine.
This makes the machine very complex and it takes a long time for new operators to get familiarized with the ROV. It also makes the spare parts expensive, as they have to be tailor made and are normally supplied from one company only.

Our ROV design is based on standard industrial components and with a very open frame built in composite material that allows for easy maintenance on the system. This frame also has a very low drag and allows the ROV to operate in much higher current than traditional ROVs.

This gives customers very reliable machines with easy maintenance and spare parts available around the world.

It is also easy for new operators to get familiarized with the systems as our ROV's use standard components from the onshore industry.

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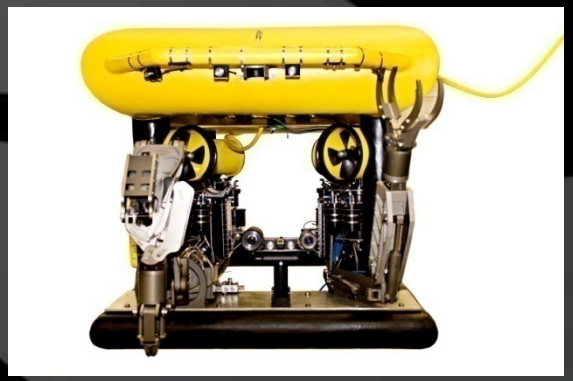
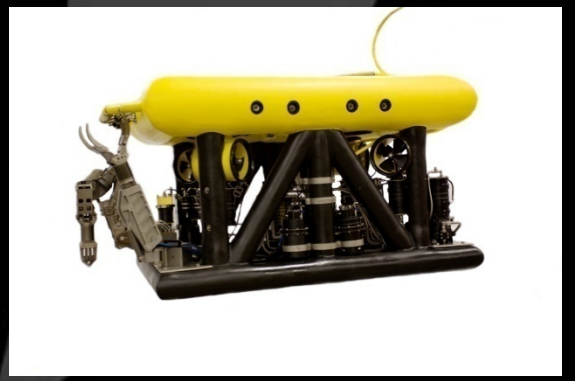
Our unique design





Open frame = low drag
Individual electrical thrusters = redundancy
Low number of components Sub Sea = reliability
Standard industrial components = low training time for operators
World wide available spare parts = low cost / reduced downtime

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Our control room provides the pilot a state of the art working environment

Our Green drive lines are on deck of the vessel and gives all our thrusters and equipment individual power. We have a low number of components subsea.
The electrical topside drives replace all traditional hydraulic thruster systems on the ROV

Our composite frame is an open design of pipes that provides easy maintenance and high performance
The drag in our frame is a fraction of a traditional ROV

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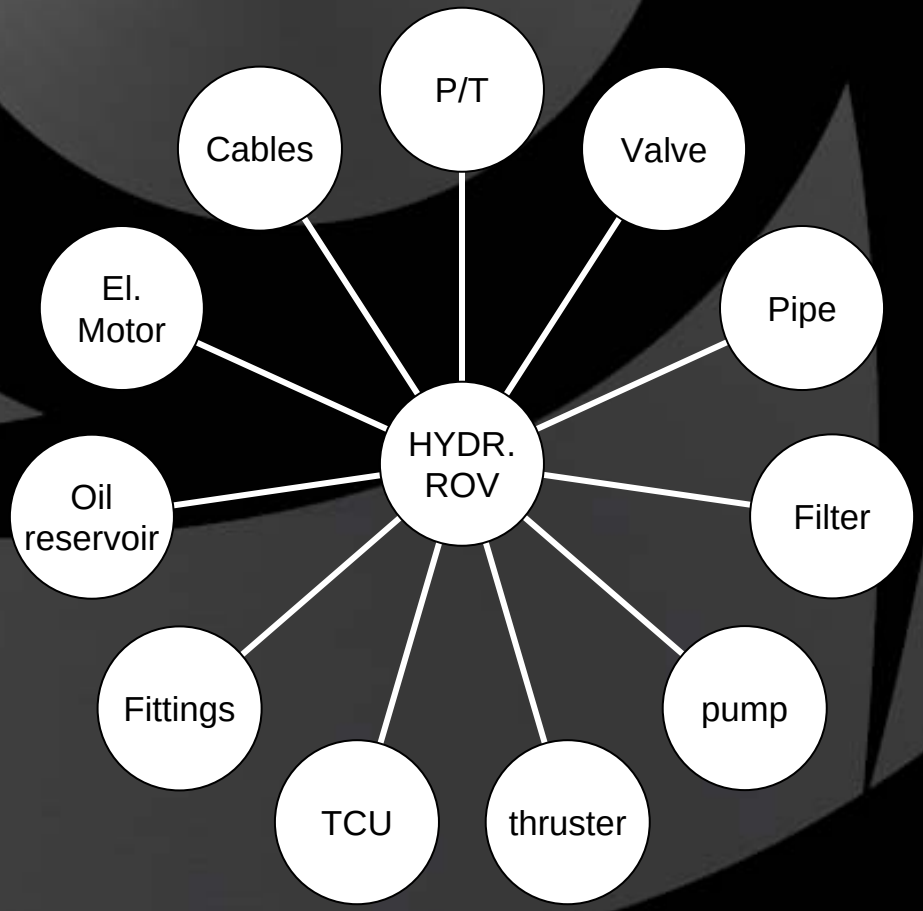

Components in an traditional hydraulic ROV

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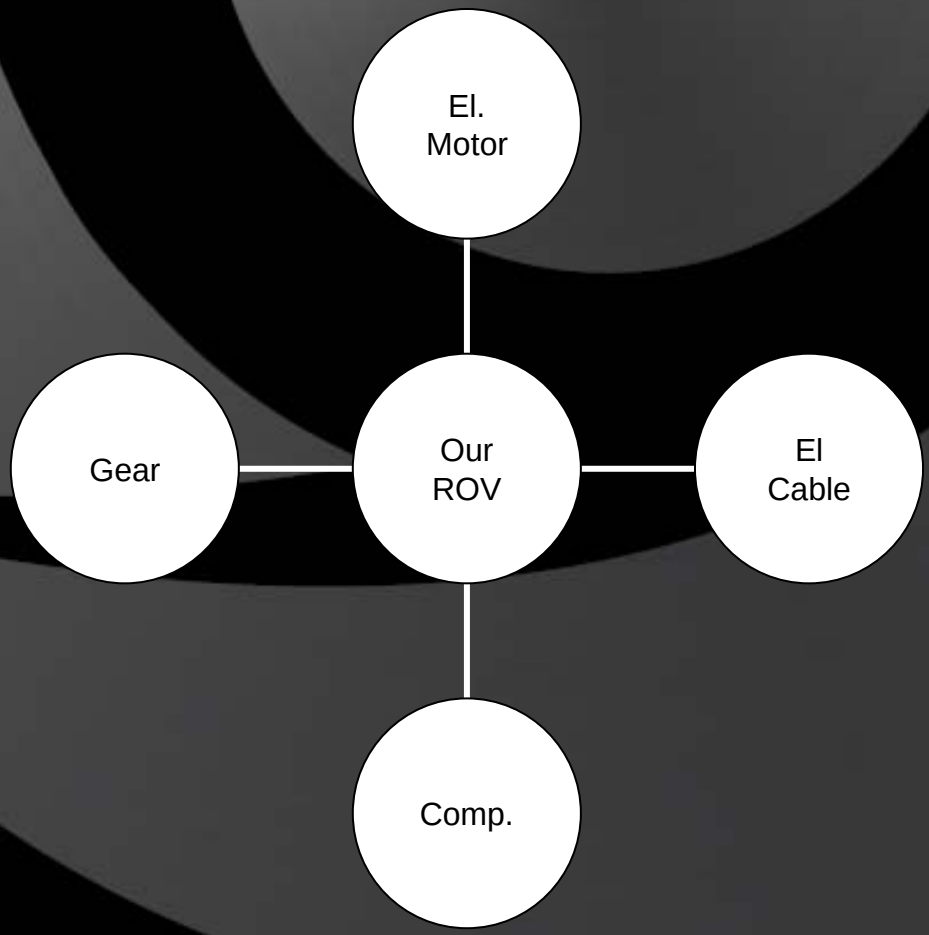

6 kW el. thruster for 50 HP mini-ROV
15 kW el. thruster 200 HP WROV
35 kW el. thruster for 2500HP trencher

Our ROV has 8 individual thruster lines for high performance and the best redundancy

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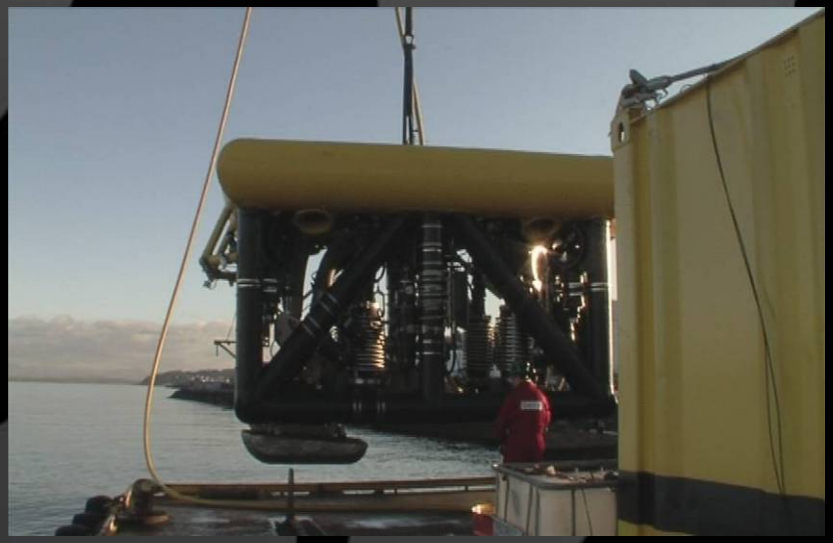
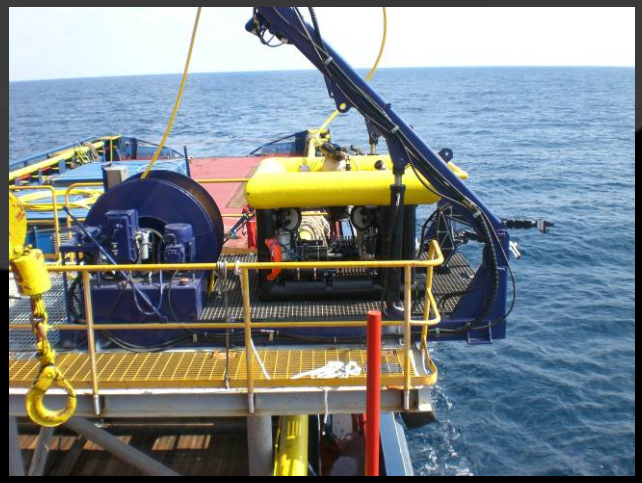


Our 200 HP Astrix ROV and our 2500 HP Merlin jet Trencher



Our Mini Astrix 50 HP ROV

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Service and Operation

Our offshore personnel has provided service and operation of ROV's in several countries

ROV onboard Mearsk Explorer for Gazprom in Russia

Our Offshore crew in Baku, Azerbaijan for mobilization of ROV on Mearsk Explorer on an long term contract with CCNG.

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Our Green ROV has
NO hydraulic
thruster system

With high cost vessels and rigs we give our client excellent performance with our ROVs:

- Individual thruster lines from topside drive
- Open frame design for operation in high current
- Open frame for easy maintenance
- Low number of components subsea (drive line topside)
- Double control HMI chairs
- Standard industrial components

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One major difference in our drive system is:

We have all the drives in air condition containers on deck

The traditional ROV has all electrical or hydraulic drives subsea

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Why choose our technology?

Considerations:

- Performance
- Environmental consideration
- Economy
- Training
- Reliability
- Service

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Neptun Subsea AS

Nordlysveien 2
4340 Bryne
Norway

Contact person: Anders Dirdal
+47 926 12 525, ad@neptunsubsea.no

www.neptunsubsea.no

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