



We specialise in building electro-technical installations and modifications in the maritime industry and other branches

Introduction

Rob de Jong, founder of Seccurro, has previously worked for various companies, mainly in the maritime sector. After gaining experience in this industry for almost 30 years, Rob wanted to expand his knowledge a level further. This led to the idea of starting his own company.

In 2006 Seccurro was founded. The number of customers grew, just as the need to offer other disciplines.

At present, the team consists of 7 people, with Seccurro's following disciplines: Engineering, Design, Newly-built systems and Maintenance on new and existing systems.

Disciplines



Engineering

Electrical, electronic, pneumatic, hydraulic and software engineering.



Mechanical design

Mechanical design in advanced 3D drawing programs, pneumatic, hydraulic and software engineering.



Electrical design

Electrical design in 2D drawing software.



New systems

Newly built systems on customer's specifications.



Maintenance and relocation

Maintenance on new and existing systems worldwide and system relocations.

Land based systems

Over 30 years of experience in land based systems

Securro has gained, in the recent decades, extensive experience in land based systems, including the following skills. With our knowledge of electrical engineering and industry, we are also able to design, engineer and maintain new and innovative land based systems

Automotive

Securro has been active for many years in the automotive industry. Installing and servicing these systems is a specialty of our company.

Agriculture

In recent years Securro has installed various projects in the agriculture sector.

Dive training facilities

We have build and serviced a dive training facility in Asia.

Maritime systems

Over 30 years of experience in maritime systems

Securro has gained, in the recent decades, extensive experience in the maritime industry, including the following systems. With our knowledge of electrical engineering and industry, we are also able to design, engineer and maintain new and innovative maritime systems.

Control desks on ships

Technology does not stand still. Securro has added new techniques to various control desks so that the customer can work with the latest technologies.

ROV systems

Securro has installed various ROV systems in recent years and has done maintenance for various clients worldwide. At customer wish we have made extensions to the existing systems in order to be able to work even better and more efficiently.

Launch and Recovery Systems

Launch and Recovery Systems are often used in the offshore industry. These systems must be able to function under extreme weather conditions at all times. Maintenance is therefore very important. Securro has meanwhile serviced various systems worldwide for a large group of customers.

Wetbell systems

Wetbell systems must be able to operate under extreme weather conditions at all times. These systems must therefore be well maintained to ensure operation. Securro has serviced various systems worldwide for a large group of customers.

Projects

The working area is not limited to the Netherlands, but far beyond. Some project listed below:

2006, New Zealand	Dismantling of a complete paperline with a length of about 100 meter and rebuilding in Kawerau, New Zealand
2007- 2008, West coast Africa	Electrician on board of tyhe M/S Argonaut and M/S Coronaut.
2007, Qatar	Installing and commissioning 2 dredging computers with associated sensors in 2 wire cranes. Also worked as a trouble shooter
2008, May, Congo, Africa	Installing and commissioning a ship gyro while sailing, including connecting the repeaters
2008, the Netherlands	Revision Dredge simulator
2008, the Netherlands	Complete renovation mobile SAT system for Smit Diving, in combination with Belec.
2008-2017, the Netherlands	Electrical installation on 72 hyperbaric lifeboats. Only the hyperbaric part is build by Seccurro commissioned by IHC Hytech
2008, Namibia, Africa	Performing electrical work in the dry dock, such as mapping and modifying the dredging automation.
2008, the Netherlands	Electric mobilisation of a Mobile Saturation Unit
2008, the Netherlands	Installing acoustic improvement systems in a theatre
2008, the Netherlands	4 videocases with recording equipment for diving purposes
2009, Gabon, Africa	Electrical work on dredger M/V Aronaut.
2009, the Netherlands	Installing and commissioning an interface cabinet for a Self Propelled Hyperbaric Lifeboat (SPHL) on the M/V Constructor
2009, the Netherlands	Installing a fire alarm system and the engineering and assembly of a DP alarm system for the M/S Toisa Persues
2010, Batam, Indonesia	Malfunction solved and modifications made on a Self Propelled Hyperbaric Lifeboat (SPHL)
2010, Louisiana USA	Electrical modification on excisting Self Propelled Hyperbaric Life boat (SPHL). Project Global Diving & Marine Contractors
2010, Brazil	The electrotechnical building of two life support containers for the petrochemical industry. Project Mourik.
2010, the Netherlands	Installing electrical systems on mini submarines. Also provided electrical support.
2011, the Netherlands	Installation of decompression chambers and air compressors in Vijsselgracht, Amsterdam
2011, the Netherlands	Electrical installation on manipulator arm fort he M/S Artemis and M/S Athena
2011, the Netherlands	Repair ROV of M/S Rollingstone
2012, Middle East	Complete electrical renovation hyperbaric chamber
2013, the Netherlands	Repair umbilical winch M/S Protea
2013, Russia	Assist with electrical installation of mobile dredgerunit of Damen Dredging
2014, the Netherlands	Electrical installation cranes
2015, the Netherlands	Complete renovation Dive Bell for Helix.
2016, Romania	New installation umbilical winch and Wet Bell system
2017, the Netherlands	Assisted with renovation mobile SAT system
2017, the Netherlands	Glass Crank Camera. Designed in house.
2017-2018 , the Netherlands	Revision of both sliping unit for M/S Thialf.

Products

In house we design several products. Some products listed below:

Glass Crank Camera

The Securro Glass Crank Camera is a high quality camera system in a water-tight housing which can be used in polluted situations, such as mud, sand, clay, turbid water, etc.

The double anti-reflection window is constantly cleaned with water via a smart rotating spraying system which results in good video quality under almost all contaminated conditions.



CO₂ sensor

The Securro CO₂ Sensor module is designed to monitor the amount of carbon dioxide gas inside e.g. hyperbaric chambers and decompression chambers with a high accuracy.

The sensor module is a maintenance-free transmitter module. It is an accurate, wide range, easy to calibrate and reliable sensor module with versatile application areas.



Flow switch

The Securro Flow switch is connected in the breathing line of the diver. It detects the breathing of the diver.

The switch is connected to a system that registers the data of the switch.



Diver LED light

The benefit of the Securro Diver LED Light, in addition to other Diver LED lights, is the automatic dimming function. A protection circuit prevents overheating by reducing the power to the Diver LED light.



Working lights

Securro has designed two working lights for hyperbaric conditions.

Two types are designed:

- 10 Watt LED
6000 ± 500 °K, 1000-1200 Lumen
- 10 Watt RGBW LED



Cleaning machine

Securro has designed a cleaning machine for piping and hoses for the diving industry. In normal use piping and hoses will be contaminated.

Contamination of the inner of the piping and hoses will be removed by circulating of a detergent.

The unit is portable and can be therefore used anywhere.



Camera

2.15 Mega pixel colour camera for diving and hyperbaric conditions with a depth rate of 150 msw.

The camera can be used:

- As a diver helmet camera
- Inside decompression chamber
- Viewport camera
- etcetera



Learning company

Securro is a technical training company for students in engineering.

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