



**KWANT CONTROLS**  
s n e e k - h o l l a n d

QUALITY IN COMMAND



QUALITY IN COMMAND - SINCE 1937

# DRIVEN BY OUR SINGLEMINDED BELIEF IN QUALITY

With our expertise and experience to deliver complete steering and propulsion control systems for ships, the core business of Kwant Controls makes us the Global leader in state of the art nautical controls and systems.

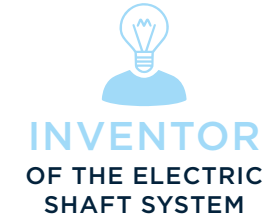
## MISSION

Our mission is continuously to innovate and integrate solutions for nautical controls and systems with ongoing emphasis on developing enhanced safety and reliability to deliver the highest level of social responsibility.

## VISION

We will be the nautical controls supplier for enhanced safety and contribute to social responsibility.

*Passion for  
nautical controls*



## HISTORY

From small beginnings in 1937, the brothers Kwant started a machine factory in Sneek, in the Netherlands, manufacturing telegraphs and filters. It was their insistence and passion for perfection, which has produced the energy and been the guiding light for the continuous growth in expertise and innovation in the development of nautical controls. From the invention of the first electric shaft system to the introduction of haptic feedback, we are leading the field in the maritime industry.

For the last 10 years our focus has been on propulsion control systems. In addition we have an increasing role worldwide, with our wide range of premium engineering products installed in ships, ranging from Naval vessels, high-speed ferries, yachts and dredgers.

## EXPERIENCE

The rich Maritime History of the Netherlands, spanning hundreds of years, is mirrored in Kwant Controls. This tradition is at the heart of our corporate DNA. With more than 80 years of practical experience and specialist knowledge of nautical technology and systems, Kwant Controls will deliver proven state of the art, reliable solutions.

## RELIABILITY, QUALITY AND SERVICE

Our Customers need to know they can rely on our systems with perfect confidence. We achieve this confidence by selecting only the highest quality parts, and the choice of completely secure quality control systems.

Coupled with our unique worldwide service which we believe is a crucial part of our growing Customer base, this service further assures our Customers that they have full control and continuity for the lifetime of the instruments regardless of where in the world they are.

## ORIGINAL EQUIPMENT MANUFACTURER

Kwant Controls is very proud of its reputation for supplying maritime systems and technology OEMs for many decades. Our experience in working with major maritime OEMs enables us to understand the demanding requirements required by our nautical controls to meet and exceed the challenges in an ever evolving and changing industry.





# PASSION FOR INNOVATION

At Kwant Controls we invest in new technologies through innovation and collaboration with research institutes and business partners all over the world. Our previous disruptive innovations that were introduced to the maritime industry are the presently common global-leading technologies. Innovations such as the electrical shaft and haptic feedback are achieved via our deeply embedded passion for quality, excellence and perfection.

## 1 INNOVATION & DEVELOPMENT

Our R&D department is continuously involved in the research and development of new products and improvements of existing systems. This is done in close collaboration with customers, research institutes and business partners worldwide. Apart from safety, technology and efficiency, the team incorporates the ergonomic impact of our products.



## 3 PARTNERSHIPS

Research on new innovations is done together with technical partners, universities and training centers worldwide, including various Simulation Centers, iMAR Navigation GmbH and universities like the University of Twente and University of Groningen. Additionally, also the attendance on conferences and writing technical papers is part of the innovative vision.

## 2 TESTING IS KEY

Our extensive experience guarantees our customers continuity and reliability when using Kwant Controls instruments in their remote control systems. Equipment approvals are carried out in collaboration with accredited test laboratories and in conformance with various international standards and the unified requirements of the International Association of Classification Societies (IACS) for electrical installations on ships.



*We strive for perfection in quality and safe commands*

- Emil Koppen, manager R&D

# PASSION FOR EXCELLENCE

The core business of Kwant Controls is the development and manufacturing of various types of control units for the remote control of practically all kinds of propulsion and steering devices.

### AZIMUTH

Whether it concerns a Bi-directional, push- or pull azimuth thruster, the speed and 360° angle rotation control units are designed to fit ergonomically in every operator's hand. Highly precise manoeuvring due to the accurate control and direct feel.

### PROPULSION

Today's ships have to comply to high emission and environmental standards. Contributing to these standards starts with the propulsion lever that controls the engine and propulsor. Combining high quality with different models enables Kwant Controls to provide a suitable control unit for any type of propulsion. Features such as the telegraph and haptic feedback can be integrated in our control units.



Generations dedicated to technique and design to enhance nautical safety and control

- Henk de Keijzer, former managing director

### EYE FOR SERVICE

Kwant Controls offers a wide selection of services to ensure the continuity and safety of your nautical controls and systems throughout their lifetime. These services include technical support, overhaul/maintenance and repair. Our skilled service engineers can perform service both in our factory or onboard.

Furthermore, Kwant Controls supplies spare parts for over 20 years after the commissioning of equipment. Additionally we can provide training in our training facility.

### STEERING

While maneuvering a ship in narrow rivers, crowded harbors or at open sea, Kwant Controls knows that steering requires reliable and precise control. This philosophy is leading during development of our steering control units.

### JOYSTICK

"The best joystick ever felt". This customer response describes the accurate feel of the inhouse designed joystick. Joysticks onboard of vessels are required in critical maneuvering situations, such as a DP operation close to an offshore platform or berthing. During which, operators trust on our joystick with the precise commands they give.

### SYSTEM

Our propulsion control and steering solutions are part of the elementary systems of all kinds of vessels.

Whether for primary control of steering and propulsion, backup control or emergency telegraph operations: tailored components and concepts are available for optimized operations, safety, reliability and maintainability.





Voltastraat 3  
8606JW Sneek  
The Netherlands  
kwantcontrols.nl

kwant@kwantcontrols.nl  
+31 515 413 745

OUR CERTIFICATES



ClassNK



Lloyd's Register  
Marine



KWANTCONTROLS.COM