

# Panelbuilding

## We Connect your needs

Whatever your specific requirements or applications, we'll be happy to work with you throughout the entire process, from design to commissioning. Together, we will determine the best solutions for your specific needs.

# Our pride

Our team has been passionately building panels for over 50 years for a wide variety of large and small applications, unique panels but also series. For various maritime, industrial and engineering applications. A combination of flexible ergonomic design with input of solid know-how and professionalism valued by customers.

## **Exotic construction forms**

In cooperation with our partners we are able to build and optimize unique shapes and sizes of switchboards. We have our own mechanical workshop where we can make your unique panel design exactly to size and needs with great craftsmanship and the latest machinery.

## **Alewijnse engineering department**

If you do not (yet) have your own panel design, we can help you with the design. As a system integrator, Alewijnse has its own (international) engineering department which enables us to design and build for you all types of low-voltage switchgear up to 7000 A, such as distribution boards, motor control centres, drive panels, consoles, control panels and I/O panels at various building locations.

## **Quality**

All our switchboards and consoles are built with proven reliable components in application-specific quality enclosures made of stainless steel, steel or plastic. Our goal is to provide you with a high quality and reliable end product tailored to your needs. All panel building products are therefore extensively tested in our own test room before they leave our production facilities.





Our technical staff regularly participates in training courses to continuously develop their knowledge and skills. The panels comply with the latest IEC standards, 61439 and 60204. Alewijnse processes are regularly audited for quality, environmental, health and safety standards by an independent certification and monitoring body.

### **Innovation**

We make use of the latest 3D design techniques with “digital twin” solutions so you can already check if it really fits in the available space. Using “smart wiring” software, the most optimal and efficient route of the wiring from component to component across the panel is determined, taking into account the electrical and mechanical design rules. Your advantage is that the route of the wiring on the panel is clearly documented, which significantly reduces the risk of errors and saves time in the event of a malfunction or subsequent adjustments.

### **Alewijnse production sites worldwide**

With three Alewijnse production locations in the Netherlands, one in Romania and a production location in Vietnam, we can offer our local and international clients competitive prices, short logistics lines and flexibility.

### **Applications**

Our end products are used in installations for; charging systems, power generation, hybrid propulsion, winches, distribution, control consoles, exhaust and inert gas systems, for food and process industries, water treatment plants, plasma coating technology, Geo thermal plants and besides the land installations also panels and consoles for yachts, naval and working vessels.



Scan to visit website



Our goal is to co-create value with and for our customers and partners. We aim to develop and improve electrification and automation solutions which are innovative, sustainable and of the highest quality. We focus on making a valuable contribution to successful projects in the maritime and industrial sectors.

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# WeConnect.