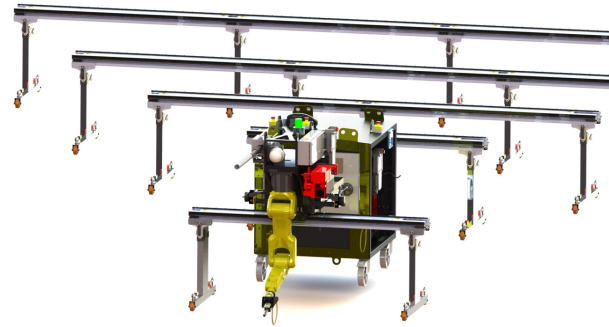


The Value of INROTECH-CLASSIC

Robotic Welding Systems

The Inrotech-Classic™ system is both highly adaptable and user-friendly for the shipbuilding industry. It reduces the need for CAD drawing transfers, programming, teach-in routines, macro selection, or other complex functions requiring skilled operators. As a fully mobile unit, the robot can be easily relocated within any production environment, providing customers with exceptional flexibility.



Production and Labor Efficiency

One operator can manage 4–6 Inrotech-Classic systems simultaneously within the same area due to the intuitive HMI and autonomous operation. This helps improve labor efficiency and reduce operational costs.



No Programming Required

Thanks to proprietary Inrotech-SensLogic™ technology, the system autonomously identifies welding tasks without the need for CAD drawings, macros, or manual programming. This reduces the need for backend engineering support, setup time, and complexity.



Plug-and-Play Mobility

The Inrotech-Classic system is a fully mobile and modular robotic welding system that does not require fixed installation. It can be easily integrated into existing production lines and relocated across different welding zones, making it ideal for dynamic shipyard environments. Simply connect power, the shielding gas, and compressed air to quickly set up the system in a new area.



Scalable and Flexible Welding Capabilities

Designed specifically for shipbuilding, the system supports a wide range of welding tasks including fillet welds in PB and PF positions, collar plates, brackets, and more. Optional software upgrades enable multipass welding and accommodate thickness variations, making it adaptable to evolving production needs.



Industrial-Grade Safety and Usability

Equipped with multiple emergency stops, safety scanners, and a user-friendly tablet HMI, the Inrotech-Classic system prioritizes operator safety and ease of use. Manual and automatic modes allow safe operation even within the robot's working zone. The system is CE marked.



Shipbuilding Industry Expertise

Inrotech, a Lincoln Electric company, has become an industry-leading innovator of shipyard automation. Inrotech's design team strives to provide great technology and sophisticated software to facilitate first-class quality robotic welding.

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, cutting equipment and EV charging systems. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.