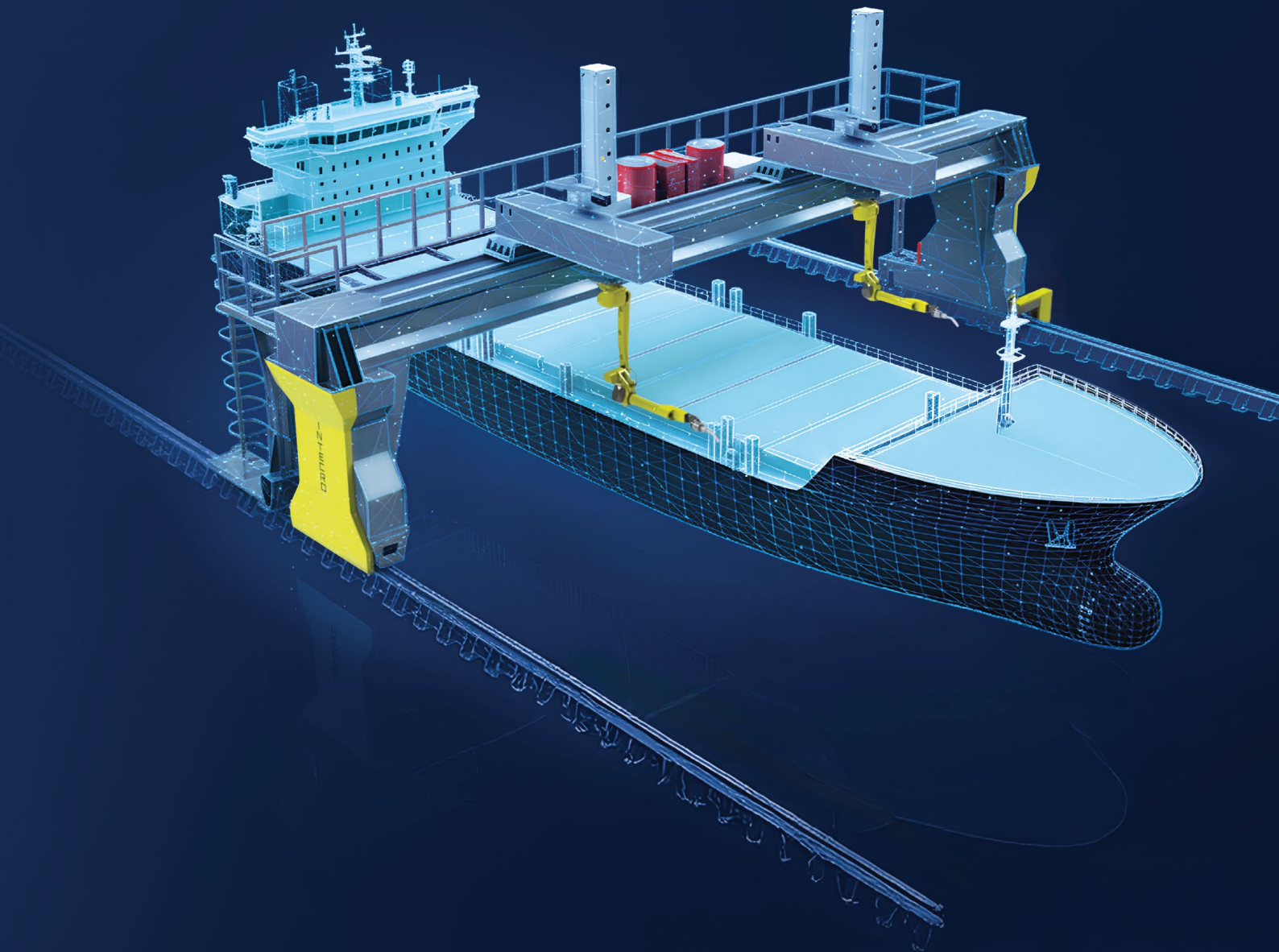


**Bilinch**

**INTELLIGENT ROBOTIC WELDING SOLUTIONS  
FOR SHIPBUILDING INDUSTRY**

**+AI**

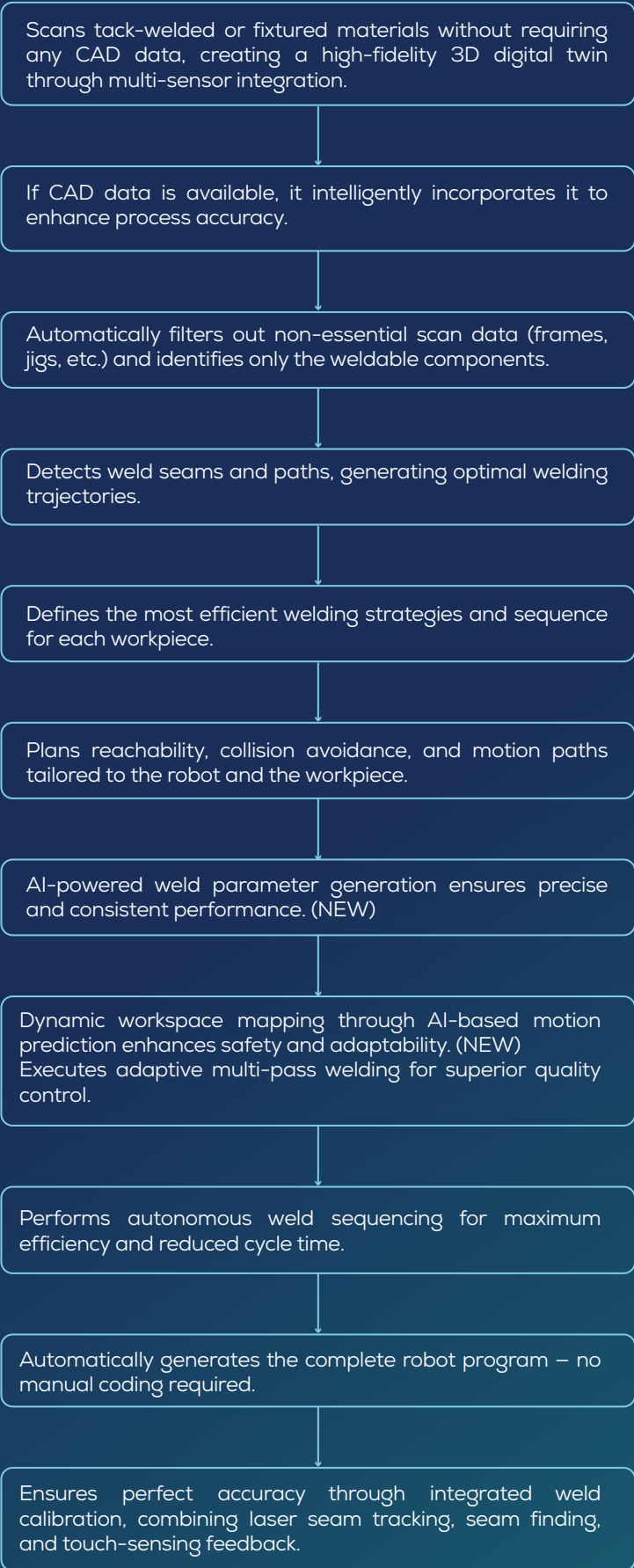


**BUILDING TOMORROW'S FLEET**



[www.intecroroboticwelding.com](http://www.intecroroboticwelding.com)

# SCAN TO WELD



**BILINCH®** is an intelligent system born from the fusion of SensorFusion, Artificial Intelligence, Digital Twin, and Robotic technologies. This technology, without any human intervention, scans, digitalizes, analyzes, creates welding plans, enables robots to self-program, and autonomously performs the welding process for the complex manufactured components that form the structure of a ship. BILINCH® is transforming the traditional welding processes of the shipbuilding industry into a new era of smart, seamless, and autonomous production!



## Web Panel Manufacturing



## Pre-Manufacturing Line










## Web-Panel Manufacturing Line

## AVAILABLE TECHNOLOGIES

-  Automatic Workpiece Scanning
-  3D Digital Twin Generation
-  Hybrid Sensor Technology
-  Touch Sense Alignment
-  Through Arc Seam Tracking (TAST)
-  Multi-pass Welding
-  Automatic Collision Detection
-  Part Recognition up to 2 Meters in Height
-  AI-assisted Welding Parameter Optimization (\*)
-  AI-assisted Area Planning (\*)
-  Auto Robot Programming
-  \*(Available Soon)

## NO NEED FOR

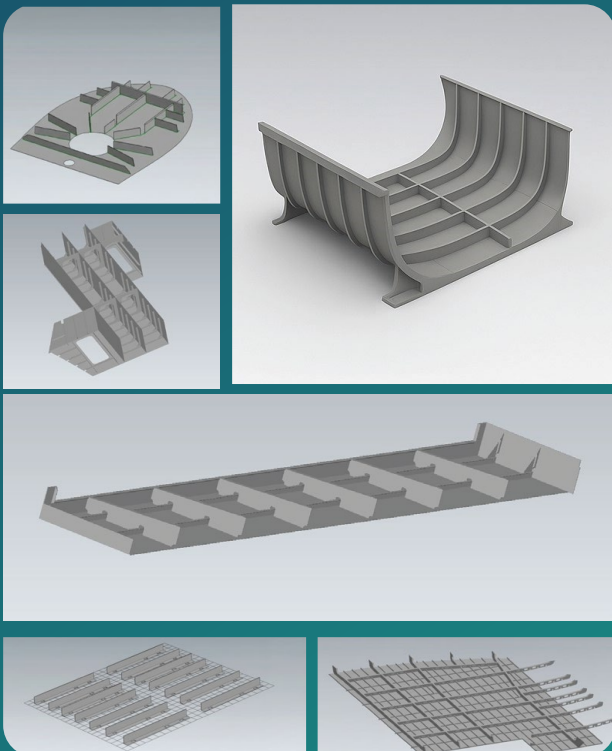
-  No Human Intervention Needed
-  CAD-less Processing
-  No Need for Part Fixtures
-  No Programming
-  No Teaching
-  No Collisions, No Calculations
-  No Setup for Welding Parameters (\*)

Your robotic system is ready.  
LET'S START WELDING ?

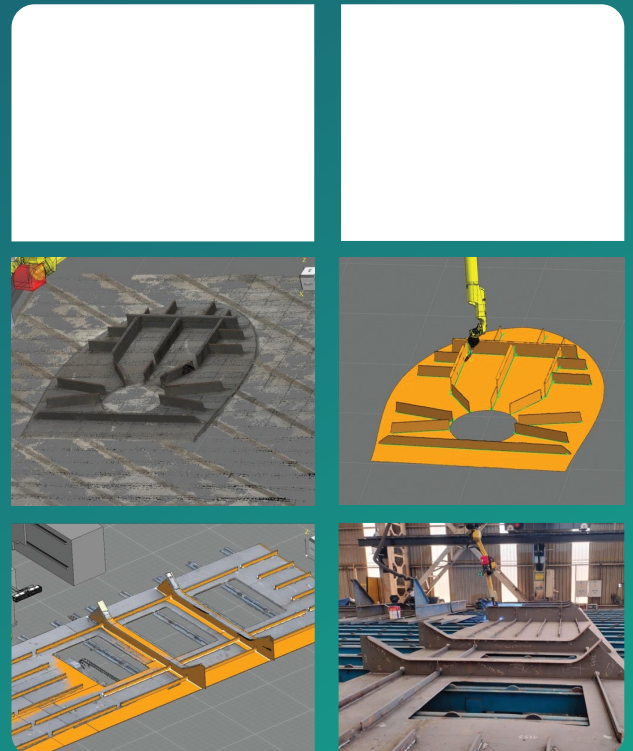
## "Scan-to Weld" Video



## Type Of Welding Workpieces



## Real-Time Digital Twin Generation



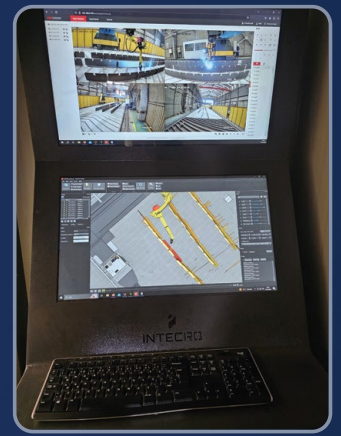
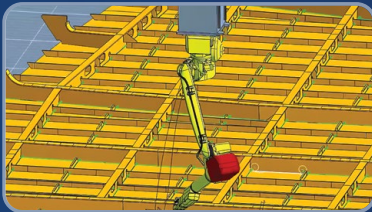
# INTELLIGENT ROBOTIC WELDING SOLUTIONS FOR SHIPBUILDING INDUSTRY



AI-Powered Self-Programming  
Robotics & Welding Innovation:  
**BILINCH®**

## Type Of Ships

- Bulk Carrier
- Tugboat
- Crude Oil Tanker
- Container Ship
- LNG / LPG Tanker
- Passenger Ship / Cruise Ship
- Ro-Ro / Ferry
- Warship



**NO PROGRAMMING. NO CAD. NO TOUCH.**  
**BILINCH® - AI Powered Self-Programming  
Robotics and Welding Innovation**

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