

**Bilinch**

**INTELLIGENT ROBOTIC WELDING SOLUTIONS  
FOR HIGH-MIX STRUCTURAL STEEL PRODUCTION**

**+AI**










**THE NEW STANDARD IN  
STRUCTURAL STEEL FABRICATION  
BEYOND AUTOMATION. TOWARDS AUTONOMY.**



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






## 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 (\*)

## Intelligence That Builds

Forget manual teaching and offline programming software. **Bilinch**<sup>®</sup> transforms structural steel fabrication into a seamless "Scan-to-Weld" experience. Designed specifically for high-mix, low-volume production, it allows operators to weld unique beams and complex assemblies with a single click.

## AVAILABLE TECHNOLOGIES

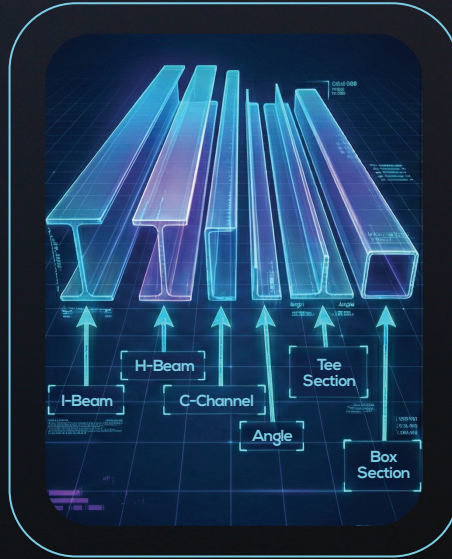
-  Automatic Workpiece Scanning
-  3D Digital Twin Generation
-  Hybrid Sensor Technology
-  Touch Sense Alignment
-  Through-Arc Seam Tracking (TAST)
-  Multi-pass Welding
-  Automatic Collision Detection
-  Part Recognition up to 2 Meters in Height
-  AI-assisted Welding Parameter Optimization (\*)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

\*(Available Soon)

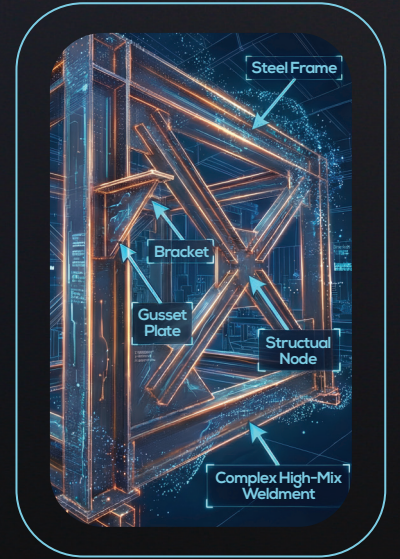
## Applications



BEAMS & COLUMNS



PROFILES



ASSEMBLIES

## The Brain Behind the Beam.

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