AUTOA
ROBOTIC WELDING SIMPLIFIED

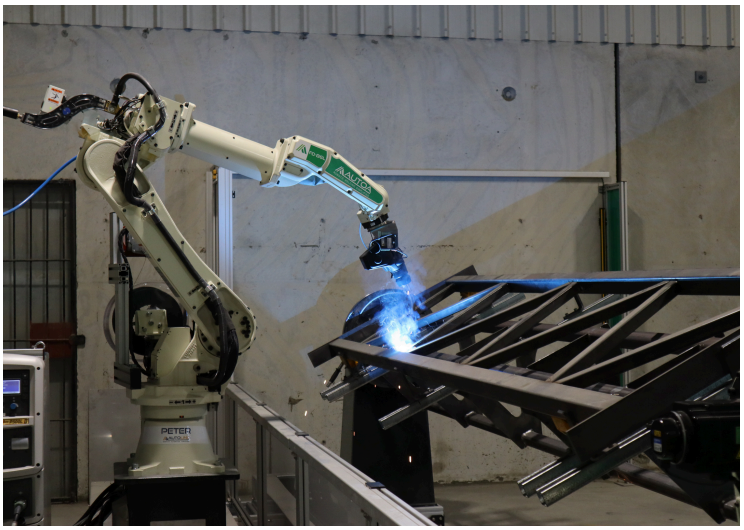
FREE Software Trial and Proof of Concept

PROGRAMMING SOFTWARE

Robot Welding Made Easy with AutoaWeld.

Say goodbye to the complexities of traditional robot programming and embrace a simplified, efficient approach with our AI-powered solution.

AutoaWeld Programming Software is a user-friendly application designed to automate the programming of your welding robots, eliminating the need for manual programming.



Key Features.

- **Simulation:** Simulate individual welds or the full programme within AutoaWeld to estimate cycle time.
- **Seam Finding:** Includes automatic touch or laser sensing to adjust for differences between the 3D CAD model and the real-world part.
- **Automatic Planning:** AutoaWeld automatically plans and optimizes the welding toolpath, approach, retreat, and intermediate motions offline.
- **High Welding Output:** Achieve between 100 – 350 meters of precise welding in a single 12-hour shift.
- **Editing Tools:** AutoaWeld simplifies editing welds, letting you reorder them based on position, change weld directions, and copy weld patterns.

Ready to Simplify Your Robot Welding? Contact Us Today.

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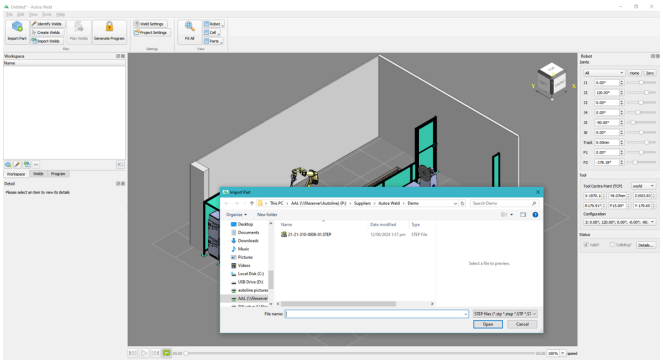
Auckland | Marlborough | Brisbane | Sydney

AUTOAWELD SOFTWARE

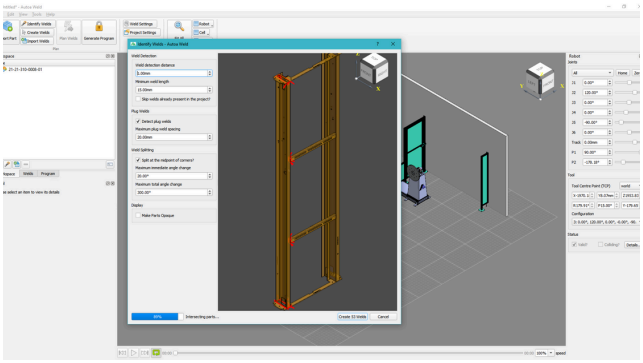
Programme Less, Weld More.

Powered by advanced algorithms, AutoaWeld Programming Software generates collision-free robot welding programs directly from CAD information. This automation removes the possibility of human error, ensuring consistent and reliable results even in the most challenging situations.



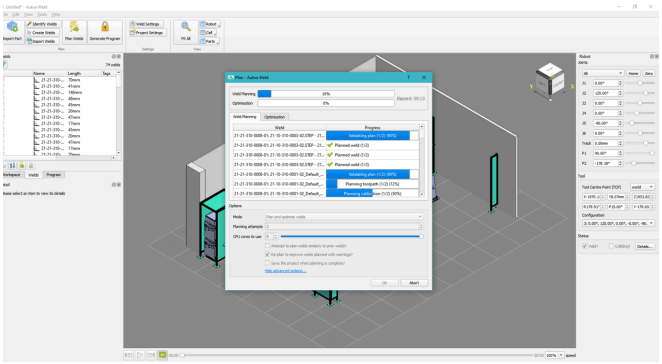
Step 1.

Import CAD: Simply import the CAD file to plan the welds for and then locate the parts in the welding cell.



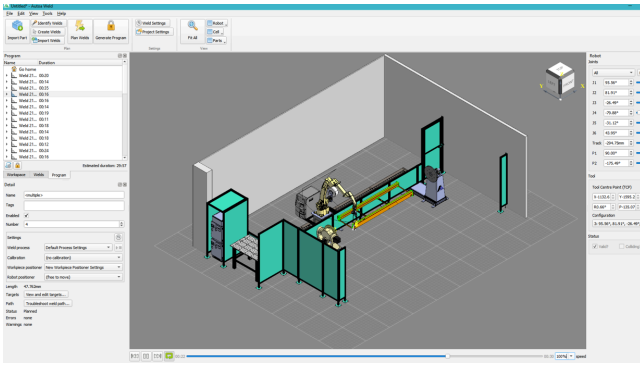
Step 2.

Identify Welds: Our built-in Ai technology swiftly identifies the optimal weld locations.



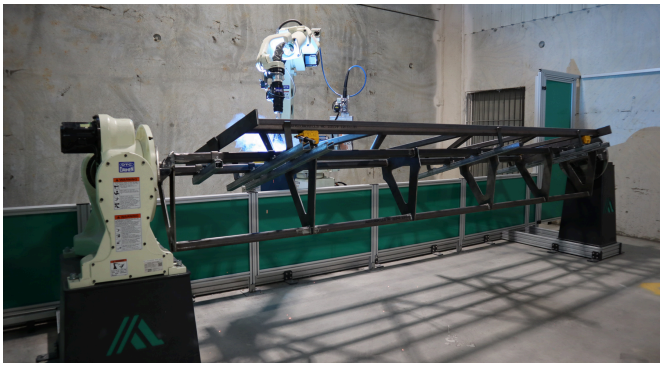
Step 3.

Plan Welds: AutoaWeld uses Ai to automatically plan robot paths with 100% collision avoidance.



Step 4.

Simulate Welds: Run simulations with confidence before exporting the finalised programme.



Step 5.

AutoaWelds: Transfer your programme to your robot welding cell and let the robot work its magic!

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