AUTOAWELD 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.

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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.

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PROGRAM 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!

Experience the Difference with AutoaWeld - Get In Touch

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