PROGRAMMING SOFTWARE TO MAXIMIZE YOUR ROBOTIC

WELDING



GET MORE FROM YOUR ROBOT

Cost effective simplified programming for high-mix short-batch weld production Program and weld virtually any path and shape, whether easy or complex Ultimate productivity with zero robot downtime for teaching and proofing programs



FEATURES

Easily program a full spectrum of welds, from simple to complex, with full control of all welding parameters

Rapid programming that is ideal for high-mix low-batch production

Interactive and dynamic programming environment

Automatic generation of weld programs from the CAD model and easy adjustment for optimal welding results

Automatic management of work and gun angles for best weld results

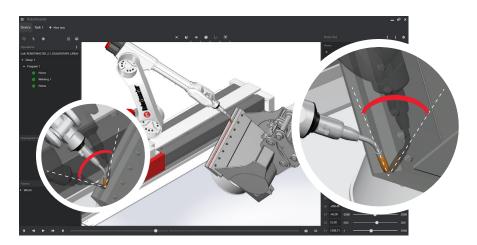
Program optimization via automatic gun orientation control for minimizing wrist rotation and maximizing robot reach

Optimized welding paths that are free of robot singularity, collision, joint and reach limit

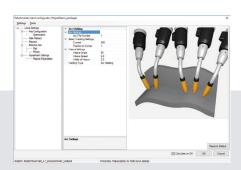
A unique and intuitive
"click-and- drag" simulation
environment for workspace
analysis and fine-tuning of weld
paths and transitions

Comprehensive welding support for most robot brands including: ABB, Fanuc, Hyundai, Kawasaki, Kuka, Motoman, OTC/Daihen, Panasonic and Reis

ROBOTMASTER DRASTICALLY REDUCES WELD PROGRAMMING TIME AND EFFORT

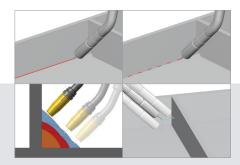


With Robotmaster, a full spectrum of welds, from simple to complex, may be easily programmed using "one-click" seam programming. Automated strategies for entry/exit, corner settings, push/pull angle and stitching in addition to full manual control provide an ideal combination of quick programming and ultimate flexibility.



Process screens enable full control of all welding parameters. The integration of parameters specific to the user's weld technology is simple and intuitive.

User-definable screens configure the interface, terminology and control settings unique to the application. Full process control is possible for the entire program, a specific seam, and point-by-point interaction.



Welding parameters can easily be controlled for: basic arc welding, multi-passes, seam tracking, weaving and touch sensing.

Advanced programming tools for rails and rotary positioners, effortlessly exploit the flexibility offered by external axes.

Enhanced rotary axis control with combined rotary settings to maintain a constant gun orientation when two rotary axes are used.

For more information or to request a demo contact us at www.robotmaster.com

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