Robotmaster®
OFFLINE PROGRAMMING SOFTWARE FOR ROBOTS

Hypertherm Associates
Software Group

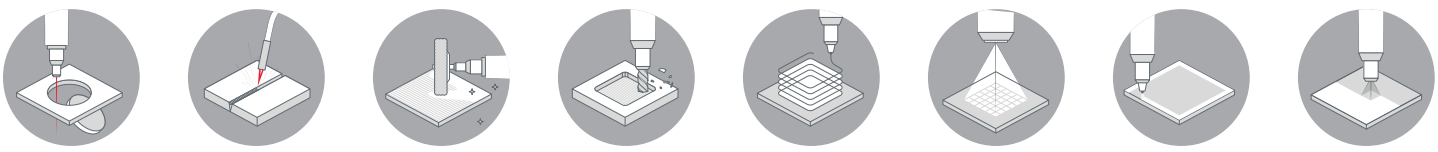
Maximize your robot's productivity and profitability



Generate error-free robot programs with powerful and easy-to-use offline programming software.

Reduce programming time and eliminate robot downtime on production runs of all sizes.

Enable your process experts to unlock your robot's full potential without the need for robotics expertise.



Get the most out of your automation investment

Robotmaster® offline programming software for robots helps manufacturers maximize productivity and profitability.



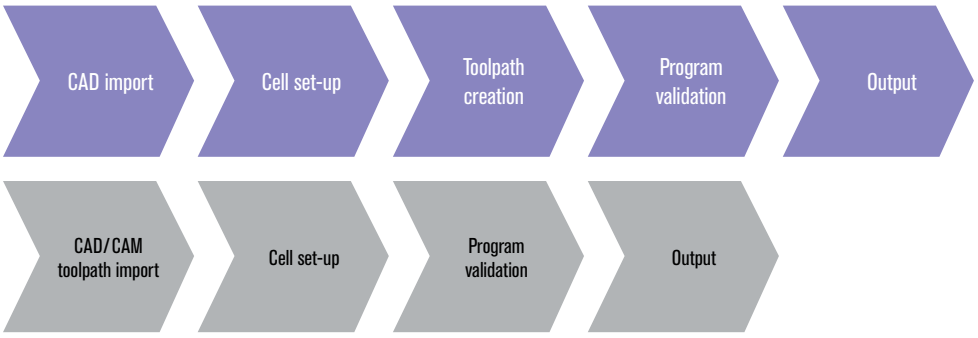
- Eliminate robot downtime and keep the robot in production while the programming is completed on a computer
- Reduce programming time with a quick, easy, and powerful solution
- Use one software to program all robot brands
- Achieve repeatability by saving programs and re-uploading later
- Repurpose process experts to use programming software to complete tasks

- Increase profitability on production runs of all sizes, even as small as one
- Grow the output volume using existing equipment as a result of faster cycle times and reducing robot downtime

- Take on more complex jobs with an intelligent programming solution
- Expand manufacturing capabilities
- Attract new talent with cutting edge technology
- Decrease the need for robotics or programming expertise

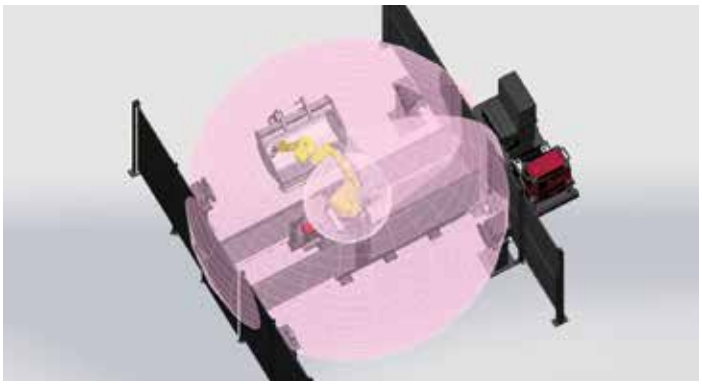
Powerful and intelligent programming

Whether generating robot trajectories directly within Robotmaster from a CAD model or importing CAM toolpaths, Robotmaster is a powerful and intelligent offline programming solution. With embedded process expertise, users generate robot code with confidence.



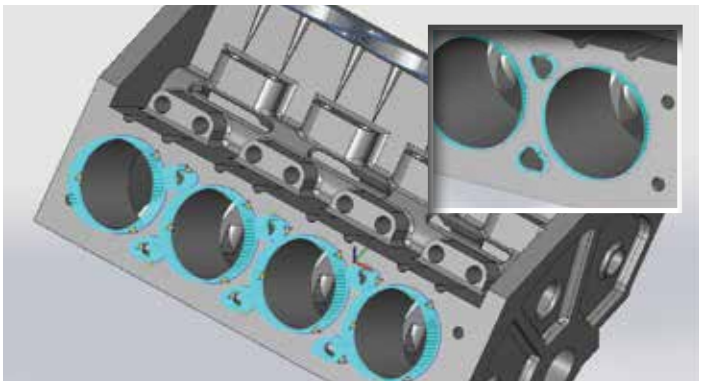
Feature highlights

Features aimed at simplifying the programming experience and reducing programming time regardless of programming expertise.



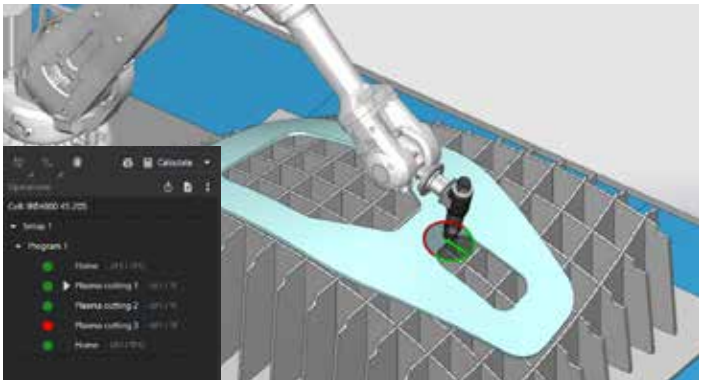
Cell and tooling editor

User-friendly editor with powerful creation and validation tools for engineering your entire robotic work cell.



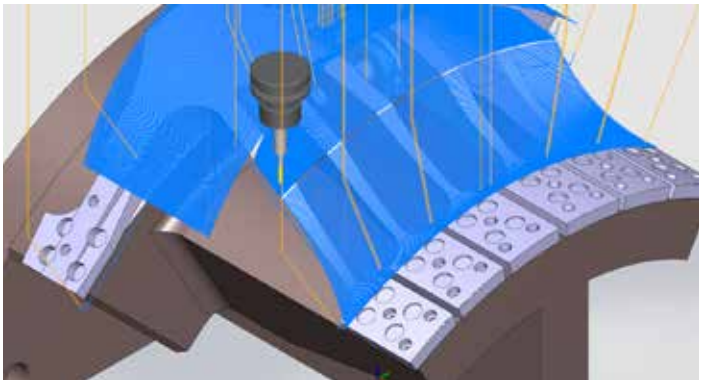
Robust trajectory creation

Intelligent pathing modules to handle industry leading robotic applications without requiring CAD/CAM skills.



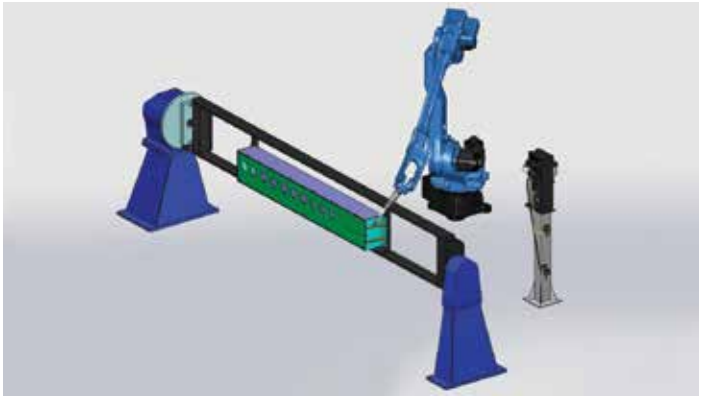
Trajectory optimization

Single-click path optimization and error-correction tools.



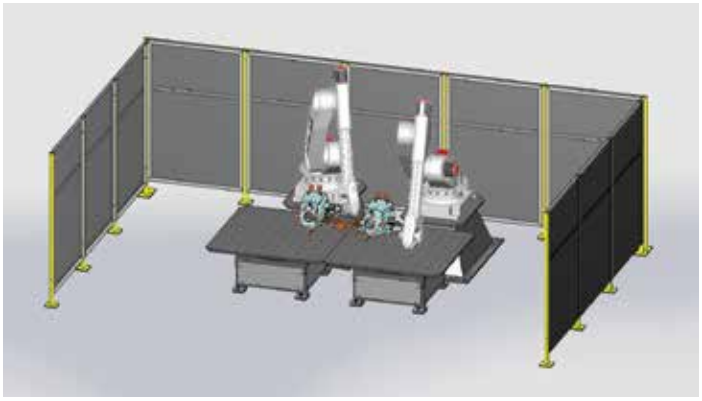
Integrate with your CAD/CAM software

Bridge the gap between CAD/CAM and robotics with embedded technology to seamlessly translate CAD/CAM trajectories into robot trajectories.



External axis management

Powerful tools for programming external axis including rails and rotaries to work on even the largest and most complex work pieces.



Program robotic cells with multiple robots

Plan, program, and optimize the path sequence and distribution among robots. Simulate the process to quickly detect and resolve errors or collisions for multi-robot cells.

SHAPING POSSIBILITY®

PLASMA | LASER | WATERJET | AUTOMATION | SOFTWARE | CONSUMABLES

For more information, visit: www.robotmaster.com

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Please visit www.hypertherm.com/patents for more details about Hypertherm Associates patent numbers and types.

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