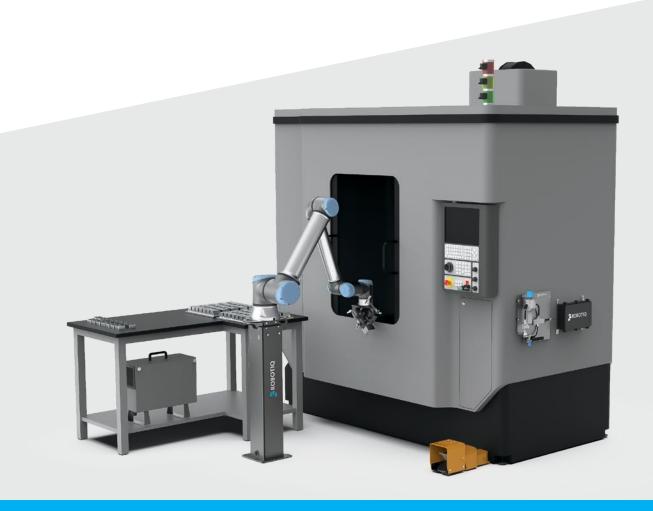# MACHINE TENDING
SOLUTION

Automation should simplify your life. Not make it more complicated.

START
PRODUCTION
FASTER

Keep chips flying

Getting robots up and running is complex and can leave you feeling overwhelmed. With the Machine Tending Solution, we deliver peace of mind that your machines will always keep running through accessible automation.

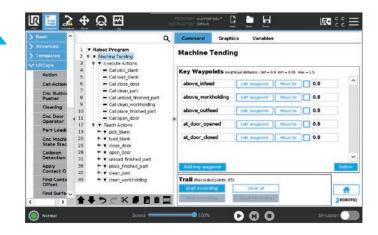**Increase your machine's capacity and reduce downtime**
with an easy to use Robotiq solution that does the work for you.

Create programs 75% faster than with traditional programming, thanks to guidance on setting key waypoints and simple action menus.
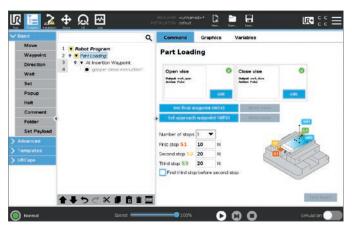

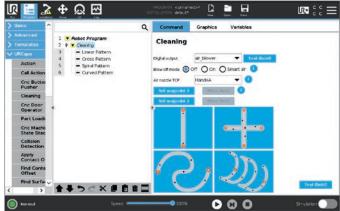## 1   SET KEY WAYPOINTS

Once they're set, they become reference points for your operations.
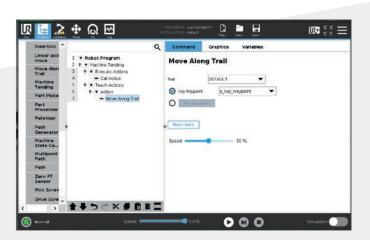

2   REFINE OPERATIONS

Use our action menus and adapt the solution to your needs.

3   CREATE YOUR SMART MOVES

Machine Tending Copilot creates optimized movements between your key waypoints, finding the best path through the pre-defined flyzone and automatically avoiding collisions within the workcell.

IT COULDN'T BE EASIER!

Instead of hard-wiring the machine like with traditional automation, our communication modules are non-invasive and do not require installation by certified technicians

The solution can be deployed in 2–3 hours.

Press buttons on the HMI

Monitor machine status

Control workholding

	Single gripper	Double gripper
System core	Machine Tending Copilot software Robotiq MT controller Pneumatic panel Button Activator Air nozzle kit	
Gripper	Hand-E adaptive gripper MT fingertips starting kit	2x Hand-E adaptive grippers 2x MT fingertips starting kit Dual bracket + New compact dual Hand-E bracket
Machine interface	Stacklight or multichrome signal light detector Footswitch activator (if lathe)	
Add-ons	Robotiq Wrist Camera Robotiq adjustable pedestal	

Robotiq Wrist Camera (Optional)

Ideal for faster blank programming and picking parts in an unstructured environment.

- CAD file import teaching (.dxf)
- Automatic part teaching (user defined arbitrary shape)
- Parametric part teaching (circle, ring, square, rectangle)
- Edge editing, object color and clearance validation
- Automatic and manual camera parameters: exposure, focus, LED lighting, white balance

WHAT'S NEXT?

ROBOTIQ

LEAN ROBOTICS

robotiq.com