



## SURFACE FINISHING *KIT*



### **AUTOMATE ONE OF THE TOUGHEST, DIRTIEST JOBS**

- Save hours of programming
- Increase quality and productivity
- Connect with the world's leading finishing tools

**START PRODUCTION FASTER**

### **WHAT'S INCLUDED**

- Finishing Copilot dongle license
- Mirka mechanical bracket
- Dynabrade mechanical bracket
- Valve accessories kit
- Robot program template



# SUPPORTED MATERIALS



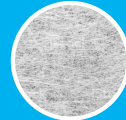
WOOD



PLASTIC



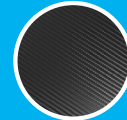
METAL



FIBERGLASS



SOLID SURFACE



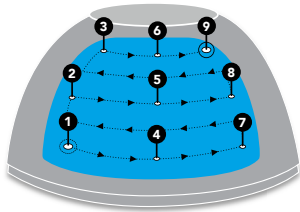
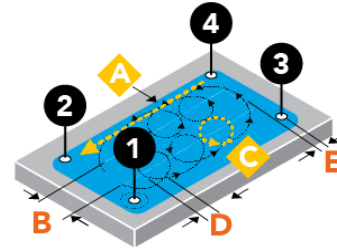
CARBON FIBER

## EASY TO INTEGRATE, EASY TO USE

Finishing applications for collaborative robots require many hardware and software components to communicate together. Integration can take months... but not anymore! The surface finishing kit is the only hardware and software all-in-one solution for cobots.

## PROGRAM IN MINUTES

Teach a finishing path on a flat surface out of only 4 waypoints and let the program adjust to different part sizes. Add custom weaving movements specific to your process in no time.



## GENERATE COMPLEX PATHS

Program complex finishing trajectories by teaching fewer than 10 waypoints. Finishing Copilot generates a complete path and applies consistent force at each cycle, whether it's on a curved (6 waypoints), or spherical (9 waypoints) surface.

## VALIDATE PART LOCATION

The contact offset node uses reference points on the part to validate its position. If there's a slight change, the robot program automatically adapts all related parameters.



## SPECIFICATIONS

### Pneumatic specifications

Valve maximum operating pressure	8.3 Bars
Valve input port	1/4 NPT

### Electrical Specifications

Air supply inlet/outlet	24 V
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### Mirka bracket

External envelope without sander	77mm x 89mm x 37mm
Added height	7 mm
Product weight without sander	0.221 kg

### Dynabrade bracket

External envelope without sander	[100 119 31] mm
Added height	9 mm
Product weight without sander	0.420 kg

## WHAT'S NEXT?

Get access to the Surface Finishing Kit specifications at [support.robotiq.com](https://support.robotiq.com)

For further information  
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