

ROBOT2CNC MILL EDITION

A CNC mill automation system requires robot to CNC integration, vise control, an automatic door, blow-off, and perhaps a gripper. You can spend days putting together a custom solution or you can buy a pre-built, tested, supported, and ready to run solution from VersaBuilt. Robot2CNC Mill Edition provides bi-directional CNC communication, CNC cycle start and the pneumatic and IO subsystem to implement virtually any CNC automation application. For Universal Robots, the included URCap makes CNC automation programming easy and fast.

FEATURES

Select and change CNC programs and cycle-start the CNC from the robot

Verify CNC program completes successfully or generates an error

Control up to three CNC vises, a robot gripper, part blow-off, and pneumatic door opener

Common interface to all supported CNC controls simplifies programming

Included CNC sub-programs allow the CNC to open/close the vises

Bi-directional communication between the robot and CNC programs for custom programming

Includes URCap to simplify programming with Universal Robots

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Contact us for more details
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INCLUDES

Push to connect pneumatic fittings

Pneumatic supply valve with lockout provision

Ethernet cables + 5-port ethernet switch

Serial Interface (Haas Legacy only)

1x pneumatic gripper valve (5/3 CE)

3x pneumatic vise valves (5/3 CC)

1x pneumatic door valve (5/3 CE)

1x blow-off valve (5/2 NC) to trigger
air-piloted high-flow VersaBlast valve
*high-flow air-piloted valve sold separately

3x vise sensor inputs

4x door sensor inputs

1x CNC cycle end input

1x CNC cycle start relay

UNIVERSAL ROBOTS READY

URCap software allows the robot to control the CNC, vises, auto-door, part blow-off and gripper through drag and drop programming.