

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

V E R S A **B U I L T**
R O B O T I C S

Contact us for more details
sales@versabuilt.com
(208) 906-0814

V E R S A **B U I L T**
R O B O T I C S



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.