

HURCO® ProCobots®

PRACTICAL JOB SHOP AUTOMATION



AUTOMATION PACKAGE DETAILS
HURCO.COM/AUTOMATION

Hurco + ProCobots' fully-integrated robot system is **easy to set up and run!**

The Standard Package



1. Automation Job Manager Software

Direct integration with WinMax® software

2. Collaborative Auto Door

Force limited, contact detection

3. ProCobots Cobot

No fencing or area scanners

4. Dual Adaptive Grippers

5. Wrist Air Blast

6. Machine Tending System

Hurco Automation Job Manager Software

No Robot Programming - *For Real!*

Hurco's Automation Job Manager integrates fully with ProCobots robot assistants, eliminating the need for any direct robot programming. Our software integration is designed for high-mix manufacturing with frequent part changeovers, and gives operators complete control over their automation.

Automation Job Manager Software running on Hurco MAX5 DualScreen Control

- Automatic calibration with **any** Hurco machine (patent pending process)
- Queue and run multiple jobs with different parts - **automated changeover**
- Stack parts to multiply the table's part capacity



Scan to learn more about
Hurco + ProCobots Integration

Conversational Job Manager

Hurco + ProCobots' conversational Job Automation Software is fully integrated with the Cobot assistant, eliminating the need for direct robot programming. Machinists can fully set up their systems with just **5 simple steps!**

1.

One Operation Part ☒ Two Operation Part ☐

Job Program: Browse

Robot Program: Browse

Find Part Location ☐ Part Location Saved

X Offset: Blank: 50 mm Processed: 40 mm Y Offset: Blank: 50 mm Processed: 40 mm Gripper Z Offset: Blank: 40 mm Processed: 30 mm Part Height: Blank: 50 mm Processed: 40 mm ☒ mm ☐ inches

☐ Enable Part Stacking ☐ Bin Dropoff ☐ Using Bar Feeder

Select Your
CNC Program

2.

Enter the Part
Dimensions

Create a Job

One Operation Part ☒ Two Operation Part ☐

Job Program: Browse

Robot Program: Browse

Find Part Location ☐ Part Location Saved

X Offset: Blank: 50 mm Processed: 40 mm Y Offset: Blank: 50 mm Processed: 40 mm Gripper Z Offset: Blank: 40 mm Processed: 30 mm Part Height: Blank: 50 mm Processed: 40 mm ☒ mm ☐ inches

☐ Enable Part Stacking ☐ Bin Dropoff ☐ Using Bar Feeder

The 2-step Find Vise Cycle allows operators to changeover parts in 5 minutes and move the robot to any Hurco machine.

3.

Step 1:

Move to Vise

☐ Vise Dropoff Location Stored

Step 2:

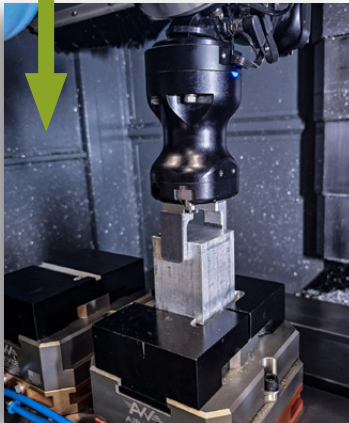
Retrieve Part

☐ Vise Pickup Location Stored

Save Setup

Cancel

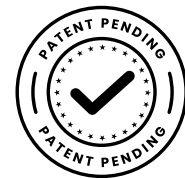
Patent Pending



Run Automatic Job Setup

EXCLUSIVELY FROM

HURCO
ProCobots



4.

Number of Parts to Run: 120

Drawer Selected: 9

| | | | |
|-----|-----|-----|-----|
| 5.0 | 5.1 | 5.2 | 5.3 |
| 4.0 | 4.1 | 4.2 | 4.3 |
| 3.0 | 3.1 | 3.2 | 3.3 |
| 2.0 | 2.1 | 2.2 | 2.3 |
| 1.0 | 1.1 | 1.2 | 1.3 |
| 0.0 | 0.1 | 0.2 | 0.3 |

Previous Drawer

Next Drawer

Select All

Clear All

Load Job File

Save Job File

Queue Job

Cancel

5.

HURCO
Automation Job Manager

Job ID: 123
Status: Ready

Work Holding Contents:

Empty Holding

Start Job

Abort

Reset State

Settings

View I/O

Create and Queue Job

Clear Finished Grid

Set Up Cabinet

Set Up Tutorial

Total Queue Progress: 0 out of 32 jobs executed

Current Job Progress: 0 out of 32

Remove Job

Edit Job

Move Job Up

Move Job Down

Select the Pockets & Start the Job!

Machine Tending System

Hurco + ProCobots offers the equipment machinists need to make automation on the shop floor **easy and painless**.

ProFeeder Tray

- Heavy-duty design
- Large worktable
- Easy grid tray changeover

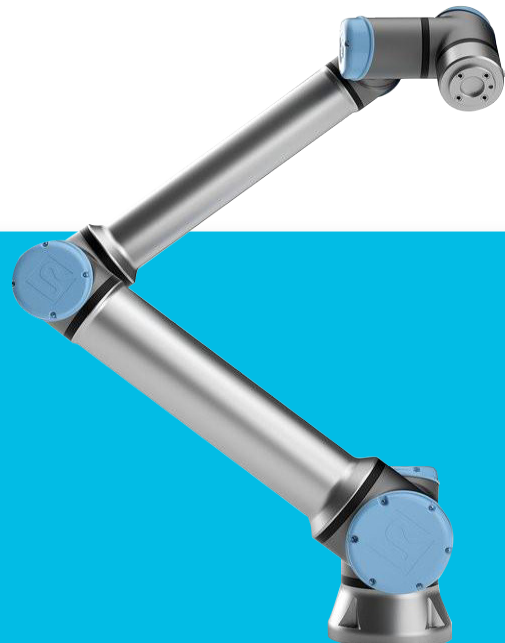


ProFeeder X

- 5 or 10-drawer systems available
- 3 position drawers allows for replenishing stock and removing finished parts during operation
- High capacity with compact footprint

UR10e

- Open workspace
- Safely stops on contact
- Built-in force sensor gives robots sense of touch



Multi-Machine Integration Package

The Hurco + ProCobots integration package makes it easier than ever to use your system with multiple different machines. With automated CNC calibration, ProCobots systems can be moved to any Hurco machine in just 5 minutes - cutting downtime and increasing productivity for your machinists.



Move your Cobot to another
Hurco CNC Machine...



...and your system will automatically
calibrate to the new machine, no
programming required!



The secret is the Hurco Automation Job Manager, which is uniform to all Hurco machines, allowing easy movement from one machine to another.

Scan the above code to watch us move!

CUSTOMER TESTIMONIAL

DON WERNER

CO-OWNER
Oakridge Fabrications
ProCobots Customer

BOB TIMM

CO-OWNER
Oakridge Fabrications
ProCobots Customer

WHY PROCOBOTS?

Hurco + ProCobots are specially integrated to make automation on CNC machines **simpler and faster** than ever before. With Hurco Job Shop Automation software and multi-machine integration, your operators will experience **total control** over the automation process that can't be offered by anyone else.



Watch the Video and Hear from Our Customers!

Hurco customer Oakridge Fabrication added Job Shop Automation!

- No programming: up and running in 1 day
- 5-minute part change over
- Increased throughput
- Routinely 12 and 16 hours unattended run times

GO TO [HURCO.COM/AUTOMATION](https://www.hurco.com/automation)

LEARN MORE AT [HURCO.COM/AUTOMATION](https://www.hurco.com/automation) OR CALL (800) 385-8021

ProCobots

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