



CNC Automation Done Right

PRACTICAL JOB SHOP AUTOMATION

Job shop owners consistently rank the ability to find qualified machinists as the number one problem they face as a business owner. While high production manufacturing businesses solved their labor shortage issue with automation decades ago, automation for the high-mix/low-volume manufacturing environment of job shops had remained elusive.

ProCobots was founded to make job shop automation practical: It needed to be flexible, easy to program, easy to move to multiple machines, compact without the need for intrusive safety fences, and able to work WITH the machinists instead of replacing them.

The Solution? Cobots—Collaborative Robots. ProCobots partnered with Universal Robots (UR), innovator and world leader in collaborative robots, to create practical CNC machine automation solutions that are affordable, practical, flexible, compact, and eliminate the need to call an expensive integrator each time you want to change your automation or move the system to different machines.

Additionally, ProCobots Job Shop Automation will maximize the contribution of your machinists. They won't need to waste time on repetitive, redundant, and simple tasks. Instead, the cobots will do the monotonous and low-value tasks so your machinists can maximize the high-value skills they contribute to each job.

Cobots work for your workers and let them focus on what's important!



AFFORDABLE AUTOMATION

Machine tending automation from ProCobots gives job shops with high mix-low volume manufacturing all the benefits of advanced robotic automation without the extra costs and hassle associated with traditional automation. Cobots are portable. Easy to set up and program. No shielded work cells needed. Practical Job Shop Automation!



EXPAND YOUR PEOPLE POWER

Our cobots let you expand your people power so one operator can run three or four machines at once instead of two. Let the cobots do the monotonous work to let your machinists utilize their skills and knowledge to optimize your manufacturing operations.



MAXIMIZE YOUR PROFITS

Reduce production downtime and increase quality with precision and high repeatability every time with cobots. Cobots can work 24 hours a day and seven days a week.

TRANSFORM YOUR BUSINESS. BOOST PRODUCTIVITY. CREATE A COMPETITIVE EDGE.

PRODUCT LINE-UP



ER5

- Ideal for smaller CNC machines.
- Built for simple machine tending.
- Docking station for repeatable locating.
- Different types of part trays available as options.



ProFeeder Light

- Good for small series machine tending.
- Manual changeable part tray.
- Heavy-duty leveling casters can be mounted.
- Easy to move with a pallet truck.



ProFeeder

- Easy setup for quick changeovers.
- Easy to move the ProFeeder system to other CNC machines with a pallet truck.
- Comes with two carts for batch production.
- Pneumatic locking system positions the part cart and part tray precisely when exchanged.



ProFeeder Flex

- The ProFeeder Flex comes in three configurations: FlexBase without tables; FlexOne with one table; and FlexThree with three tables.
- It is designed to provide easy access to the controller compartment, which protects the robot-arm controller from external influences.
- The pedestal is centrally placed with built-in cable guide and flexible mounting for the teach pendant.



ProFeeder X

- The ProFeeder X robot cell is a compact, high capacity system.
- You can configure the ProFeeder X with 2, 5, or 10 drawers to match your production capacity and part sizes.
- Three-position drawers let you load and unload parts simultaneously while the robot is running.



ProFeeder Q

- The ProFeeder Q robot cell consists of one docking station and one mover with four part tray drawers.
- The four-drawer part cart is suitable for larger series production.
- Additional carts available.



ProFeeder Compaq

- Small footprint with six drawers for high capacity in tight spaces.
- Three-position drawers let you load and unload parts simultaneously while the robot is running.
- Separate robot pedestal provides flexible cell layout options.