



COBOT SYSTEMS

A division of Cutting Edge Machining & Automation

AUTOMATED WORKFORCE SOLUTIONS

Next Generation CNC Milling & Turning Operators



SOLVE YOUR LABOR CHALLENGES

Cobot Systems is shaping the factory of the future with automated workforce solutions

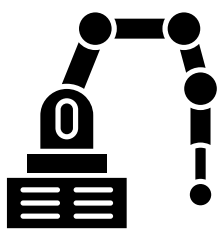
Job shop owners & managers consistently rank the ability to find qualified machinists as the number one problem they face. While high production manufacturing businesses solved their labor shortage issue with automation decades ago, automation for the high-mix/low-volume manufacturing environment of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

Cobot Systems 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. Cobot Systems 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.

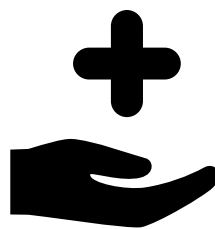
Additionally, our Job Shop Automation will maximize the contribution of your machinists. They won't need to waste time on repetitive, redundant, and simple tasks. Instead, the cobots will do the monotonous and low-value tasks so your machinists can maximize the high-value skills they contribute to each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

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



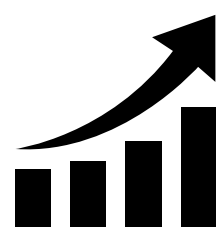
AFFORDABLE AUTOMATION

All the benefits of advanced robotic automation without the extra costs and hassle. 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.

PRODUCT LINE-UP



ER WORK

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



PROFEEDER TABLE

- 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 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 FLEX

- The ProFeeder Flex is highly maneuverable.
- The ProFeeder Flex has an option to have the robot arm placed centrally or built in on the pedestal allowing space for the cable guide.
- It provides flexible mounting for the teach pendant and extra space to store the controller in the compartment.



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.

ENDLESS POSSIBILITIES FOR MOBILE + FLEX AUTOMATION



CNC MILLING AND TURNING OPERATORS FOR HIGH MIX LOW VOLUME PRODUCTION

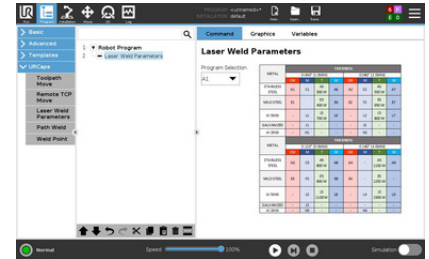


COBOT LASER WELDING PACKAGE

Simple installation – start welding on the first day.

Increased production capacity. Optimum welding quality. Short payback period.

UR Cap Software included offers unparalleled ease of use: all parameters are selected with perfect reliability by the Cobot - ensuring upmost efficiency.



Pre-engineered Solution:

Safety interface, CDRH Class 1 workcell enclosure & access doors. UR10e Cobot & laser delivery utilities dress package. Work table & modular work holding fixtures & clamps.

Faster and easier than MIG & TIG Welding, LightWELD provides consistent high-quality results across a wide range of materials and thicknesses.



No-Code
Programming of
complex weld paths
with Optional 3D
Scanners integrated
with Stylus & iPad
Controller

Additional Features:

The touch display and the intuitive user interface ensure a low learning curve for all your employees, allowing your company to instantly put the Cobot to productive use. With NO CODE PROGRAMMING the Cobot Laser Welding Package allows you to automate your small batch production with exceptional ease and economy.



Additional Equipment:

MATERIAL HANDLER

- Safely move sheets of material from pallet to laser table. Unlike jib cranes, Movement of raw material is constrained, providing additional safety for the operator.
- Track guided allowing for accurate repeatable material placement.
- Can be configured for any material size or thickness.
- Cost effective.
- Easy installation





Request a consultation today, and let us show you how our expertise can transform your production process.

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