

# PROCOBOTS®

## PRODUCTION, AUTOMATED

Greater efficiency and precision with automated loading processes.

*TRULY EFFICIENT!*



# AUTOMATION

## PRODUCTION IN NO TIME

### Efficiency through automation

The goals of automation in CNC machining and turning centers are increased productivity and reduced downtimes and defect ratios. In other words: greater overall efficiency.



### Your advantages with ProCobots®

- The HURCO® Automation Job-Manager-Software is fully integrated in the MAX®5 control system that comes with HURCO® machining and turning centers. Quick and easy to learn.
- Great solution to the current skilled-labor shortage.
- Increased throughput for the same amount of staffing.

### ProFeeder Cart

- Comes with two mobile carts
- Quick order turnaround
- Standardized grid plates
- Robust pneumatic cart lock
- Leveling casters
- Robotic arm UR10e

### ProFeeder Tray

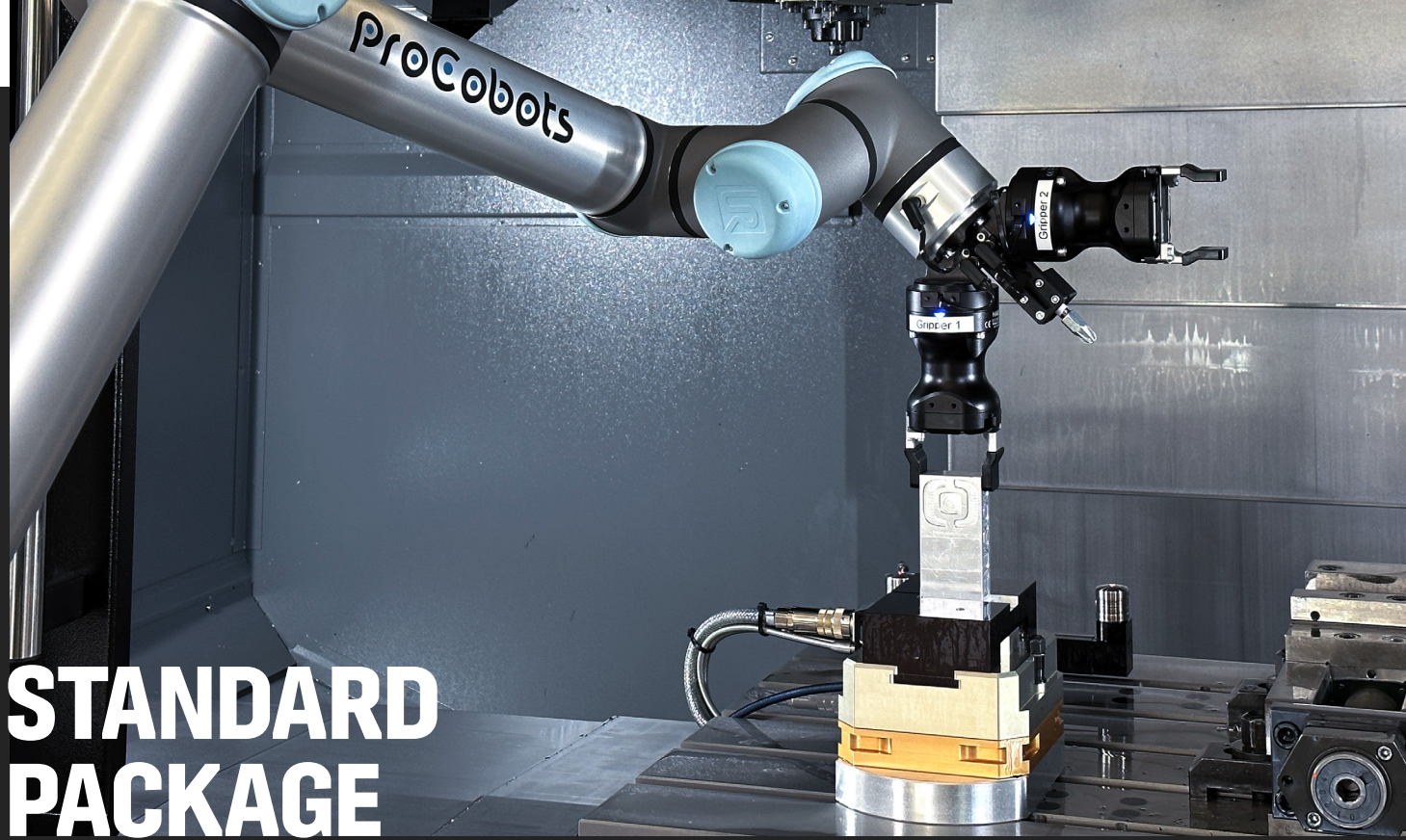
- The flexible solution for all different components
- Heavy-duty design
- Large worktable
- Aluminum tabletop
- Easy to replace the grid plate
- Leveling casters
- Robotic arm UR10e

### ProFeeder Easy Desk 20|30

- The flexible solution for all different components
- Heavy-duty design
- Large worktable
- Aluminum tabletop
- Easy to replace the grid plate
- Leveling casters
- Robotic arm UR20 (EasyDesk 20)
- Robotic arm UR30 (EasyDesk 30)

**NO MORE LOADING PROBLEMS**

Designation	ProFeeder Cart	ProFeeder Tray	ProFeeder EasyDesk 20 30
Dimensions L x W x H (mm)	900 x 1,124 x 933	900 x 1,124 x 933	1,577 x 1,475 x 1,205
Storage tray (mm)	400 x 600	850 x 900	840 x 690



# STANDARD PACKAGE

## The automation feature at a glance

- **Automatic doors** with additional handheld control unit for manual operation
- **Two adaptive grippers (UR10e)**  
50 mm stroke | parts up to 5 kg
- **Two Schunk grippers (UR20 | UR30)**  
Parts up to 15 kg
- **Cleaning nozzle clears** chips from clamp and component with air blast
- **Cobot solution**  
Safety guaranteed by a partition and safety laser scanner
- **Automation Job-Manager-Software**  
Direkte Integration in die WINMAX® Software

The automation package from HURCO® is the perfect solution for increasing your production efficiency. That's because the ProFeeder enables automatic loading of the CNC machine. Switching to different machines is a quick and easy process, and it enables flexible production of different series. Plus, the system quickly pays for itself: The payback period is usually less than a year.

*MILLING AND TURNING  
AROUND THE CLOCK*

## Robotic arms

- The robot arms from Universal Robots support you in loading your machine tools. This frees up capacity for more complex work steps.
- Open work area
- Integrated force sensor gives robots a sense of touch

Designation	UR10e	UR20	UR30
Reach (mm)	1,300	1,750	1,300
Load capacity (kg)	12.5	20	30

## Reduce machine downtime, maximize profit

The reduction in machine downtime can potentially boost revenue by up to an additional EUR 120,000.00\*.

\*Hourly machine rate: EUR 50.00

Machine operating hours: Mon. – Fri. 6:00 a.m. – 6:00 p.m., Sat. 7:00 a.m. – 12:00 p.m.

Machine downtime of 12 hours corresponds to approximately EUR 600.00/day.

That equals EUR 3,000.00 for a 5-day workweek. That's EUR 120,000.00 in one year.



# HURCO® AUTOMATION JOB-MANAGER-SOFTWARE – INTEGRATION WITHOUT DETOURS

No need to program on the robot – it all happens in the HURCO® Automation Job-Manager-Software, right at the control system.



## All the advantages at a glance

- Software runs right on the HURCO® control system.
- The user interface is a graphical touch-screen for intuitive operation.
- Set up a new production job in less than five minutes.
- Automatic calibration of clamp position and orientation on the CNC machine makes it easier to transfer the system to any of your HURCO® machines.

*SUPER SMART,  
SUPER FAST*

## Our automation solution at a glance

From hardware and software to installation and training – it's all rolled up for you in one neat package with the automation solution from HURCO®:

- **Automation Job-Manager-Software:**
  - Fully integrated into the MAX®5 control system – no need to program via the robot's HMI. Simple design, easy to learn.
- **ProCobots®:**
  - ProFeeder Cart and ProFeeder Tray with robotic arm UR10e
  - ProFeeder EasyDesk with robotic arm UR20 or UR30
- **Delivery and installation**