HURCO®
mind over metal

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.

NO MORE LOADING PROBLEMS

ProFeeder Cart

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

ProFeeder Table

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

Designation	ProFeeder Cart	ProFeeder Table
Dimensions, L x W x H (mm)	900 x 1,125 x 932	1,165 x 800 x 900
Weight (kg)	250	202
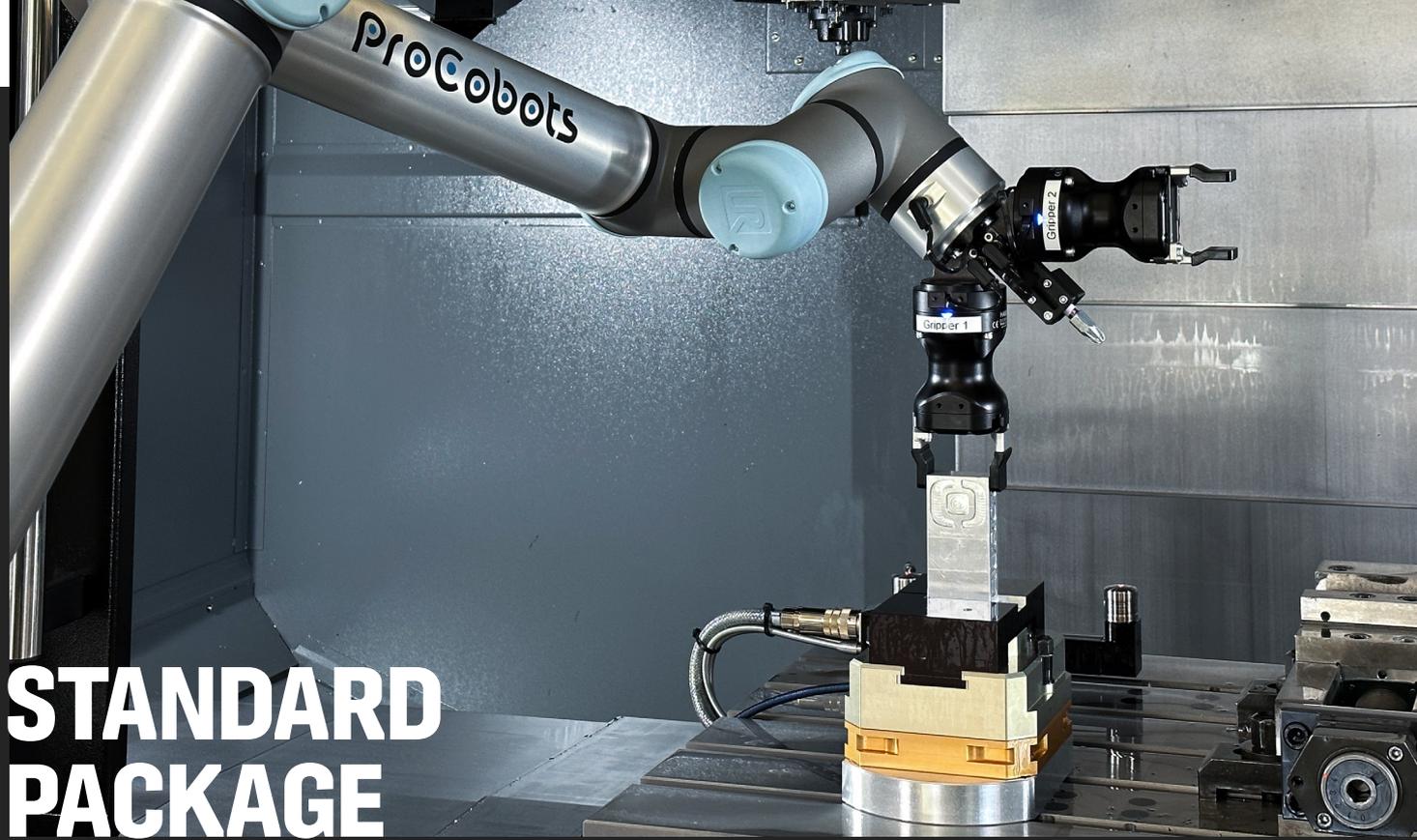
STANDARD PACKAGE

The automation feature at a glance

- **Automatic doors** with additional handheld control unit for manual operation
- **Two adaptive grippers**
  50 mm stroke | parts up to 5 kg
- **Cleaning nozzle** clears chips from clamp and component with air blast
- **Cobot solution**
  Safety guaranteed by a partition and a safety laser scanner
- **Automation Job Manager software**
  Integrated right into the 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

UR10e robot arm

The UR10e loading system helps you load your machine tools. That leaves you free to work on more complex parts of the process.

- Open work area
- Integrated force sensor gives robots a sense of touch

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.

Designation	UR10e
Reach (mm)	1,300
Load capacity (kg)	12.5

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 touchscreen 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 Table with UR10e robot arm

- **Delivery, installation, and training**