

FLEXIBLE AUTOMATION

for Real Production



VISION-GUIDED

Feed parts freely on the conveyor. IROVISION ensures reliable picking.



**NO FIXTURE
NO DRAWER**

Freedom from fixed setups. Switch parts anytime.



PLUG & PLAY

All-in-one platform. Quick to install and run.



About Robsen Robotics

Robsen Robotics is a Teknopark-based robotic system integrator focused on metal manufacturing since 2013. We develop vision-guided automation systems for manufacturers working with complex part geometries, high product variety, and changing production conditions.

As a technology-driven company, we combine robotics, vision systems, software, and engineering on a single platform. Today, more than 95% of the systems we commission are camera-based flexible systems. This is where Robsen differs: our solutions are designed to reduce fixture dependency and simplify automation in real production environments.

With a strong focus on machining applications, Robsen systems adapt to shop floor variability, support faster installation, and help manufacturers increase machine utilization while maintaining production flexibility.



Compact design fits a standard container



IROCUBE
just flexibility.



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Vision-Guided Handling for Complex Geometries

1 Configurable Robot Options

Select the right robot for your payload and application needs.

Easily configurable for different reach, payload, and cycle time requirements.

2 Enclosed, Operator-Friendly Design

No additional fencing required.

Designed to fit naturally into the machine environment with built-in safety.

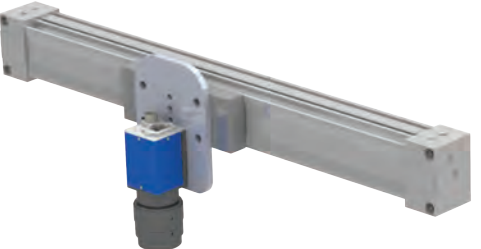
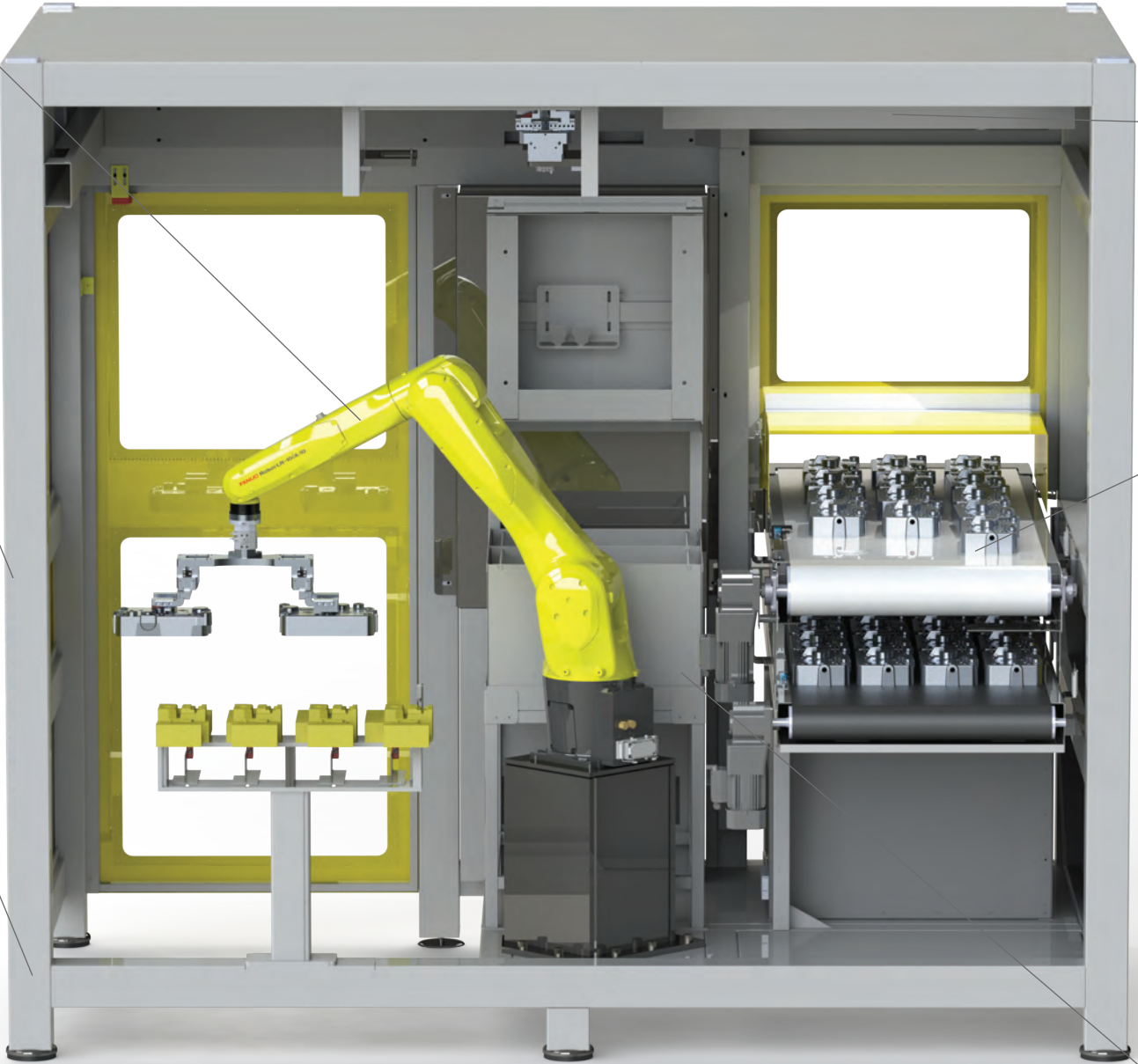
3 Single Platform Design

All components integrated into one compact and unified system.

Plug & play structure ensures fast installation and minimal setup effort.



Scan to see IROCUBE in action
Real production footage



4 Vision-Guided Picking

Reliable part picking across varying positions and orientations.

IROVISION detects the position and guides the robot for reliable picking.

5 Flexible Conveyor System

Designed without drawers or fixed fixtures.

Supports complex parts and enables fast model changeovers for high-mix production.



6 Modular Stations Scalable System

Easily expandable with integrated stations such as wash, rinse, dry, leak testing, laser marking and measurement.

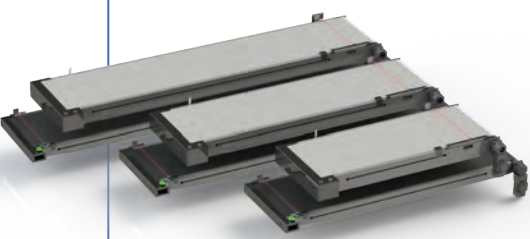
Built as a flexible platform, allowing additional stations to be added as your process evolves.

Key Specifications

1 Footprint (LxWxH)
2400x2600x2400 mm
(incl. standard conveyors)

2 Standard conveyor sizes
Load: 1800 x 600 mm
Unload: 2200 x 600 mm

Extended: up to 3250x600
Max: up to 4000x600



3 Available Options & Configurations

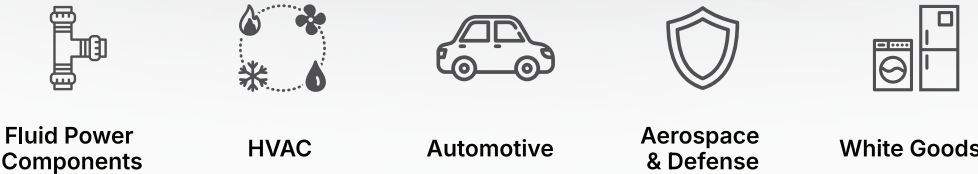
- Available options & configurations
- Tool changer station
- Rinse + dry station
- Additional gripper finger set
- Dimension check camera
- Leak / sealability test integration
- Laser marking & vision validation
- Roboguide simulation license
- Conveyor cleaning brush



4 System Manager Options & Configurations

- Production Data & OEE Measurement
- Quick Stop Diagnosis
- Component Life Tracking
- Browser Access (PC / Tablet / Mobile)
- Event Log

Industries We Serve



Fluid Power
Components

HVAC

Automotive

Aerospace
& Defense

White Goods