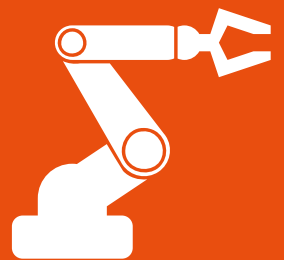


# AUTOMATION WITH A SYSTEM

Increase productivity. Conserve resources.



Our passion

# LIVING AUTOMATION.

For over 25 years, HandlingTech has been redefining the possibilities of industrial production with enthusiasm, Swabian engineering and reliability. So that you can continuously improve your manufacturing processes with future-oriented technologies. This is what we mean by „living automation.“

Join us!



„Your requirements  
are what drives us.  
The more demanding,  
the better.“

Jörg Hutzl, Managing Director





„We create new things  
with passion.  
Because it is fun.“

What drives us

# OUR IDEAS FOR YOUR SUCCESS.

We are only satisfied when you feel the positive effect:  
On the basis of our modular automation platforms, we  
design and implement the perfect robot solution with  
you. Regardless of whether small or large batch sizes,  
simple or complex processes - HandlingTech is your  
partner for automated handling in production.

Learn more:

[handlingtech.de/en/company](https://handlingtech.de/en/company)





What sets us apart

# GROW SUSTAINABLY.

Innovation and cooperation based on partnership have been the cornerstones of our success from the start. Today we can proudly say that we have achieved a lot since 1994 and have established HandlingTech as one of the leading companies in the field of industrial automation.

**Learn more:**

[handlingtech.de/en/company](https://handlingtech.de/en/company)



## Values

Sustainability, profitability and long-term partnerships are the focus of our work. They are the basis for customer satisfaction.



## Quality

Because there are many ways to achieve your goal, we provide comprehensive advice and develop the best automation solution for you. Without compromising on quality.



## Team

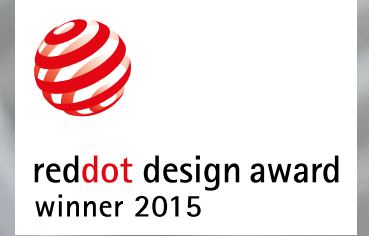
Success is teamwork. Our employees work on the future of automation with know-how and passion.



## Certification

In order to continuously do the best for you, we meet the requirements of the quality management standard ISO 9001: 2015 and are certified accordingly.





## Awarded

If everything is in the right place, intuitively understandable and at the same time aesthetic, then it is „form follows function“ to perfection. With award-winning design.

Your benefit

# AUTOMATICALLY MORE EFFICIENT.

Automation in production is no longer just reserved for large-scale production. (Partly) automated production is increasingly providing the decisive advantage in efficiency, even with small to medium-sized batches.

The ideal automation solution delivers its added value where you need it. The most common optimization results include:

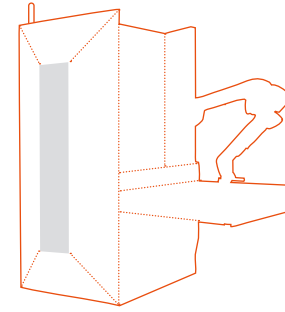
- 1 Lower cost**  
Lower your unit costs and stay competitive over the long term.
- 2 Increased output**  
Make the most of your machinery and increase your output.
- 3 Personnel relief**  
Automation creates space for your team – fatigue-free and with the highest precision.

# MODULAR FLEXIBILITY.

When designing your systems, we consciously rely on a combination of the tried and tested and the new. Our standardized platforms can be adapted to your needs as required and supplemented with individually developed modules. This is how we find the optimal automation solution for you.

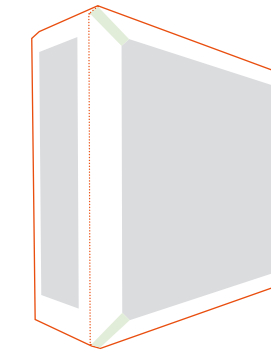
Got curious?

[handlingtech.de/en/robot-cells](https://handlingtech.de/en/robot-cells)



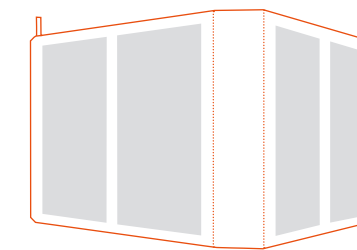
**ecoZ**

The flexible robot cell



**SRZ**

The modular robot cell

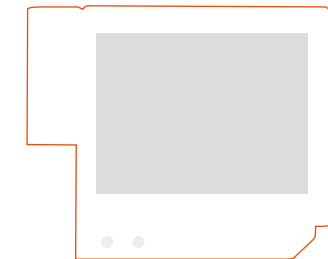


**palletZ**

The individual robot cell

**Storage Modules**

**Process Modules**



**HaTPad**

The intuitive operating concept



**Service**

Installation  
Training  
Maintenance  
Spare parts  
General overhaul  
Phone support



# + AUTOMATION MEANS: MORE TIME FOR THE ESSENTIALS.

Get inspired  
by automation.  
[handlingtech.de/en](http://handlingtech.de/en)

## The flexible ecoZ

### Compact and accessible.

With the ecoZ you can automate quickly, compactly and flexibly – especially for small and medium-sized batches with a workpiece weight of up to 20 kg. The manual processing of smaller intermediate series is also very easy with free access to the machine. The perfect symbiosis between automation and worker!



#### Accessible

Permanently easy access  
to your machine tool.

#### Space saving

Full performance in a few  
square meters.

#### Flexible

Maximum variety of workpieces  
with minimal set-up effort.



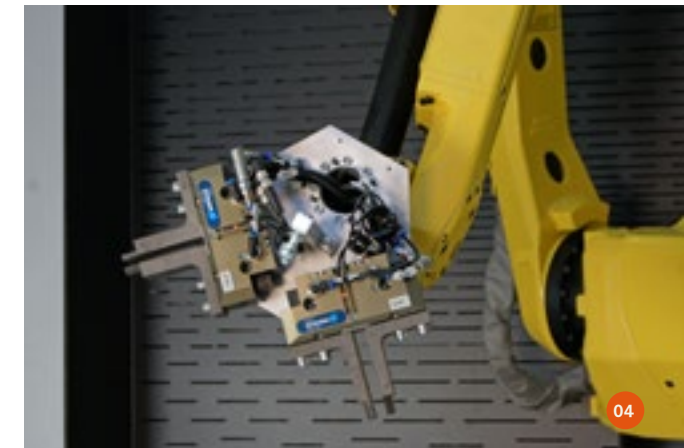
## The flexible ecoZ

# Open to new.

Thanks to its modular structure, the ecoZ can be quickly and flexibly converted to handle new parts. Thanks to the safeguarding by means of a laser scanner, access to the connected machine remains completely unobstructed, so that it can still be used for the manual production of selected small series or individual parts if necessary. Instead of the laser scanner, conventional protection by means of a safety fence is also possible on request.

### Learn more:

[handlingtech.de/en/ecoz](http://handlingtech.de/en/ecoz)



- 01 HaTPad user interface
- 02 Cranage option
- 03 Safety laser scanner
- 04 Flexible gripper systems
- 05 Space for additional modules
- 06 Different robot variants
- 07 (Two-sided) drawer system





The modular SRZ

## Versatile throughout.

The SRZ is your integrated solution for fully automated production. With the flexible robot cell, you can combine a wide range of processing steps with minimal use of staff – your universal support for both small and large batch sizes. Can be used as a stand-alone cell, in conjunction with up to two machine tools or as a link in a more extensive chain.



### Versatile

Supports you in all of your parts and processes.

### Tidy

Integrated structure for a perfect overview and flexibility.

### Reliable

Produce comfortably and continuously without personnel expenditure.

# SRZ



## The modular SRZ

# Futuristic design.

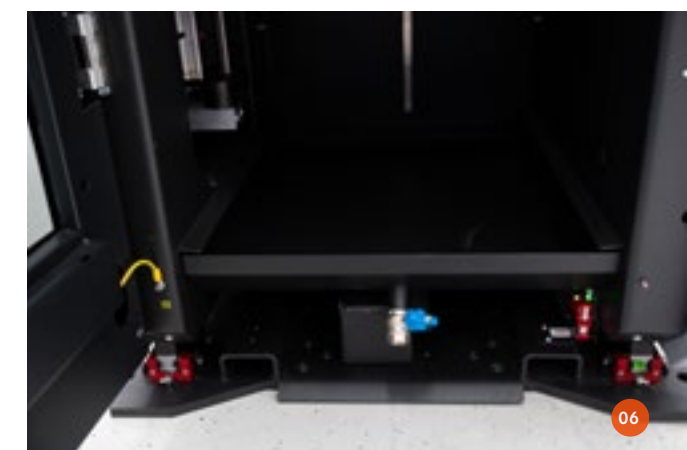
Evolution of efficiency: The third generation of the SRZ impresses with its further improved flexibility. The narrower frame creates more space for storage and process modules, for example for loading and unloading, checking and reworking, packing and palletizing. This not only looks futuristic, but also makes your automation reassuringly future-proof.

### Learn more:

[handlingtech.de/en/srz](http://handlingtech.de/en/srz)



- 01 Various storage modules
- 02 Integrated cable duct
- 03 LED signal lights
- 04 HaTPad user interface
- 05 Sliding unit
- 06 Emulsion drip pan with drain
- 07 Wear-resistant safety glass
- 08 Workpiece ejection
- 09 Space for additional modules
- 10 Cranage option
- 11 Welded steel base frame





The individual palletZ

## Extensive possibilities.

With the palletZ you can confidently take the handling of weighty parts lightly. With payloads of several hundred kilos and – thanks to the optionally integrated traversing axis – almost unlimited expansion options, it rounds off our platform concept at the top. Whether for workpiece handling, pallet handling or a combination of both: the palletZ is the perfect automation for large and heavy tasks.



### Spacious

Plenty of space for workpieces, processes and storage.

### Strong

Manages heavy pallets and workpieces with ease.

### Expandable

Ideal for linking your processes and machines.





## The individual palletZ

# The only limit: your imagination.

Thanks to its modular structure, the palletZ offers you almost unlimited options for adapting the cell to your functional and spatial requirements. Use the palletZ, for example, for handling and stocking heavy clamping pallets, for emptying and filling pallets and lattice boxes or for loading several machine tools at the same time.

### Learn more:

[handlingtech.de/en/palletz](http://handlingtech.de/en/palletz)



- 01 Clamping pallet set-up station
- 02 HaTPad user interface
- 03 Machine lock
- 04 Various storage options
- 05 Flexible gripper systems

- 06 Integrated emulsion drip pan
- 07 Fork pockets for forklifts
- 08 Different robot variants
- 09 Wear-resistant safety glass
- 10 Workpiece ejection



## Storage Modules

# Standardized storage solutions.



### Exactly the right solution

Together we will choose the most economical solution for you from the variety of our available storage options. High autonomy, great variance, short changeover times or a combination of these – everything is possible.

### Equipping parallel to production

Load your system automatically or by hand while the process is running. Mechanical partitions or optical control devices always guarantee the safety of your employees.

### Easy integration

Our storage solutions not only integrate seamlessly into our cells, but also into your existing processes. Regardless of whether you use your own workpiece carriers or want to optimize your entire logistics processes.



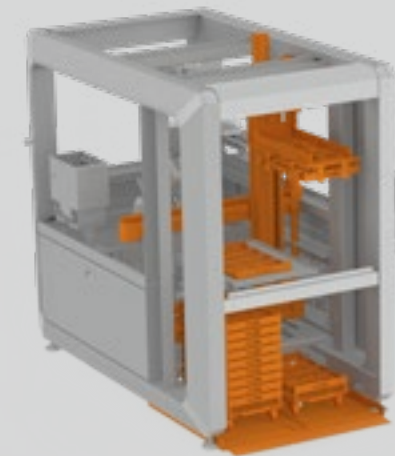
## Storage Modules

# Ensure uninterrupted production.

For short cycle times and a high level of autonomy in particular, efficient parts supply, removal and stocking is crucial. HandlingTech offers you a large number of tried and tested standard solutions that can be perfectly integrated and guarantee a continuous flow of materials. All systems allow loading parallel to production, so that your production never stands still.

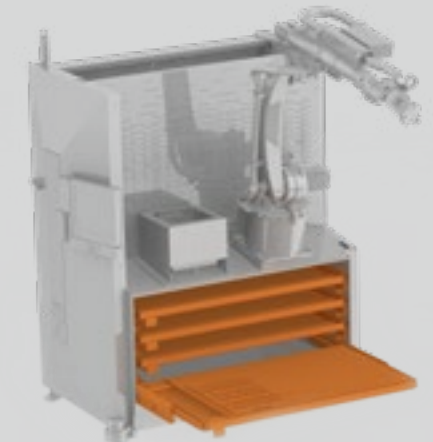
### Learn more:

[handlingtech.de/en/storage-modules](https://handlingtech.de/en/storage-modules)



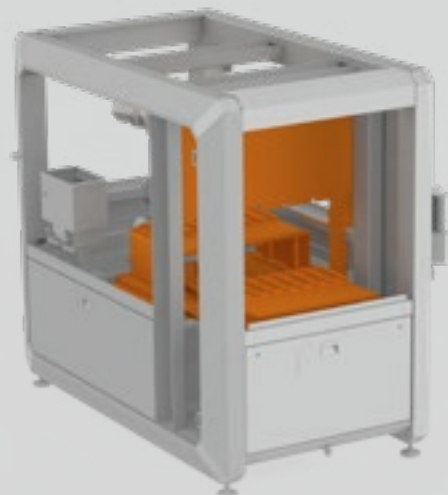
### Palletmaster

Ideal for the feeding/removal of workpiece carriers on floor rollers or pallets.



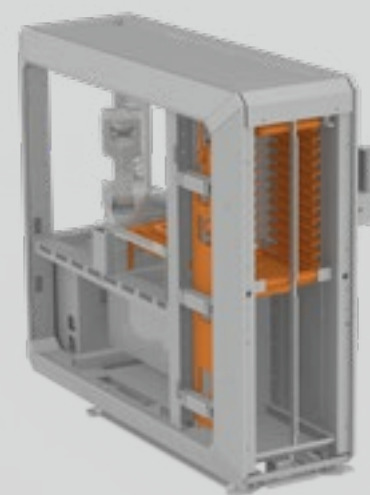
### Drawer Storage

Your workpieces on several levels in our drawer storage.



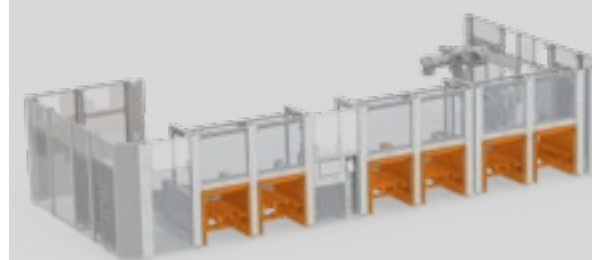
### 2-Way Pallet Slider

Easy and good – Feed new parts to your system parallel to main time.



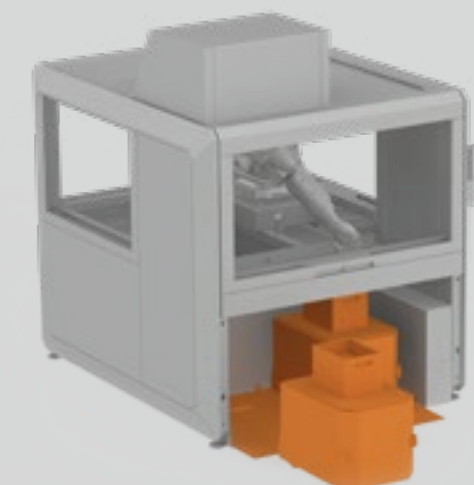
### Vertical Storage Drawers

Use this space saving solution to store up to 14 (differently) equipped workpiece carriers.



### Pallet Bays

Use our pallet bays for feeding/removal using (Euro)pallets.



### AGVs

Through logistics automation using AGVs make your production cells flexible connect with each other.



## Process Modules

# Simply more economical.



### Optimal use of cycle times

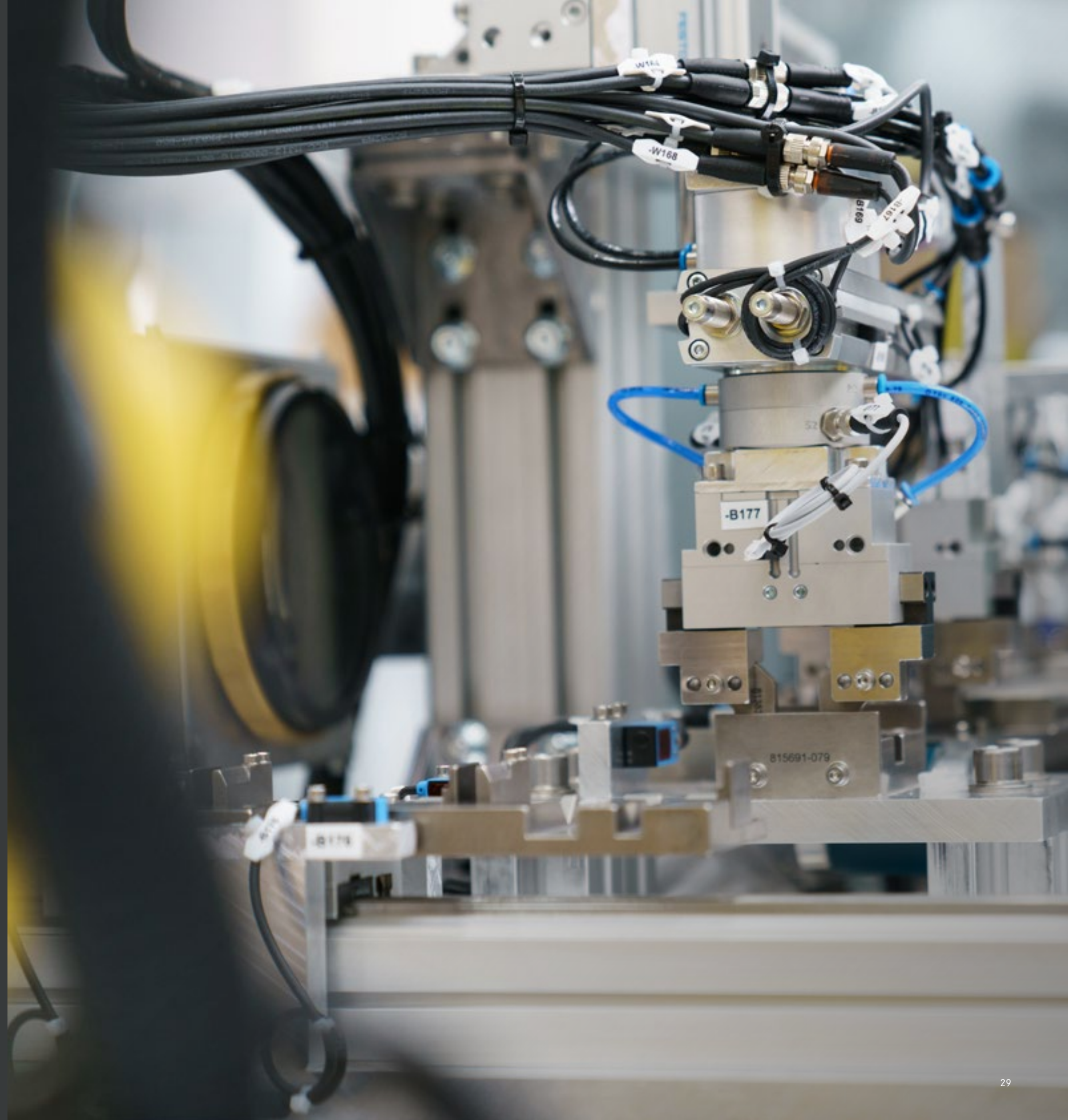
Coordinate your processes in such a way that there are no unnecessary waiting times anywhere. We support you, among other things, with cycle time analyzes and provide suggestions for optimization.

### Shortened transport routes

By combining several process steps in an automated production cell, you avoid unnecessary transport routes and shorten your throughput times.

### Increased quality

Fully automatic processing enables production at a constant level of quality. Optional testing and measuring devices detect deviations and pass on correction values to the connected systems.



## Process Modules

# Added value through integration.

Improve not only the utilization of your processing machines, but also that of your robots. With the help of process modules integrated directly into the production cell, waiting times can be reduced to a minimum and the added value of your system increases further.

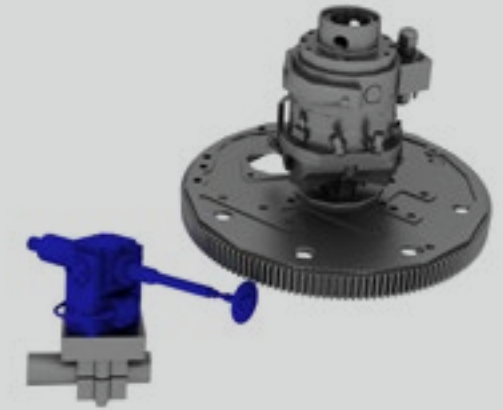
### Learn more:

[handlingtech.de/en/process-modules](http://handlingtech.de/en/process-modules)



### Labeling

Label your workpieces for seamless tracking.



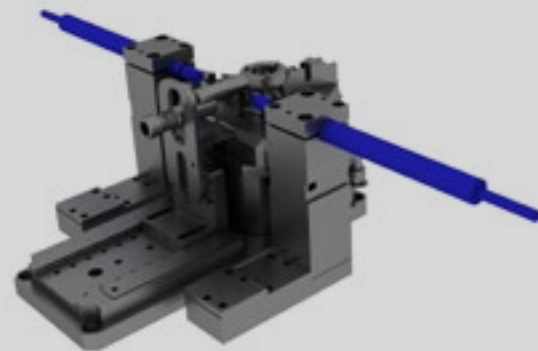
### Machining

Easy machining steps can also be integrated in our cells.



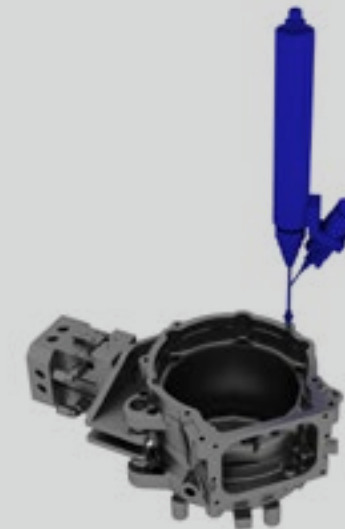
### Cleaning

Clean your parts and prevent inaccuracies and carryovers.



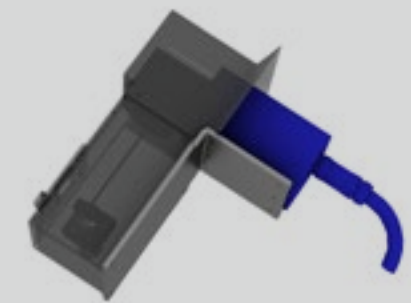
### Measuring/testing

Minimize your scrap and check your parts right after machining.



### Assembling

Save time. Just let the robot assemble your product.



### ... and even more

You can also integrate many more processes. Feel free to discuss your requirements with us.



## HaTPad

# Intuitive operating concept.

Operate your systems intuitively via touch-screen and create added value through additional functions and networking. With the HaTPad, you configure workpieces and processes yourself according to your needs, thus minimizing your set-up and familiarization times. Central access to all operationally relevant data facilitates continuous optimization.



### Intuitive

Simple operation without prior knowledge.

### Flexible

Adaptable to your parts and processes.

### Reliable

Your processes under control at all times.

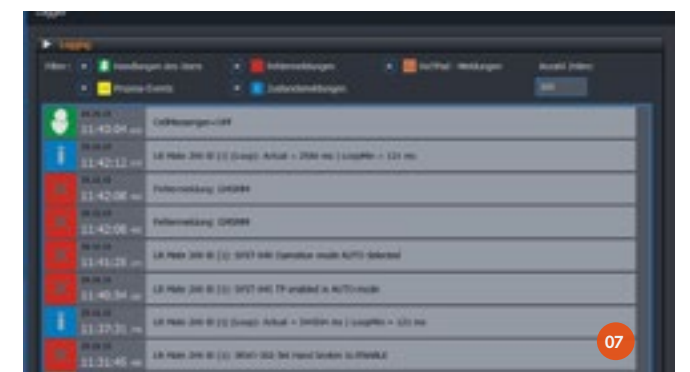


## HaTPad

# More than just standard.

The cross-platform HaTPad offers a uniform operating experience for all robot cells. Thanks to the structured and individually configurable user interface, you always have an overview of your ongoing processes. Your staff benefits from short training times and minimal getting used to. Even when using different brands of robots, the user interface remains familiar and understandable.

**Learn more:**  
[handlingtech.de/en/hatpad](http://handlingtech.de/en/hatpad)



- 01 Freely configurable user interface
- 02 Responsive touchscreen
- 03 Industrial panel PC
- 04 Configuration using PadStyler
- 05 Document library for instructions, drawings, etc.
- 06 Cell view with control points
- 07 Traceability thanks to the logger function





## Our promise of service

# RUNS. NOW AND ALWAYS.

Even after the purchase, our experienced service staff is at your side to increase the availability of your systems, detect faults in good time and avoid unplanned production downtimes.

### Learn more:

[handlingtech.de/en/service](https://handlingtech.de/en/service)



### Installation

A specialist from our company is at your disposal at any time, from commissioning to the optimal integration of the automation solution into your workflow.

### Training

Qualified, motivated employees are the basis for smooth work. Our training courses minimize operating errors and improve the quality of work.

### Maintenance

In addition to standard maintenance contracts, we also offer contracts that are individually tailored to your requirements for maximum operational reliability in critical applications.

### Spare parts

We procure spare and wear parts as quickly as possible. Tip: Let us put together an individual spare parts case for critical replacement parts.

### General overhaul

Even after many years of operation, we can restore the original performance of your machine or expand it as part of a general overhaul.

### Service-Hotline

+49 (0) 7157 98919-18

### Mail-Support

[service@handlingtech.de](mailto:service@handlingtech.de)



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Automations-Systeme GmbH**

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58791 Werdohl / Germany  
+49 (0) 2392 9383-40

**info@handlingtech.de**

**Our locations**

# EXPERIENCE AUTOMATION UP CLOSE.

A personal look at our production is always worthwhile:  
Convince yourself of the functionality and quality of  
our automation solutions in Steinenbronn or Werdohl.  
We are looking forward to your visit.

**Learn more:**

[handlingtech.de/en/contact](https://handlingtech.de/en/contact)





Get inspired  
by automation.

[handlingtech.de/en](https://handlingtech.de/en)