

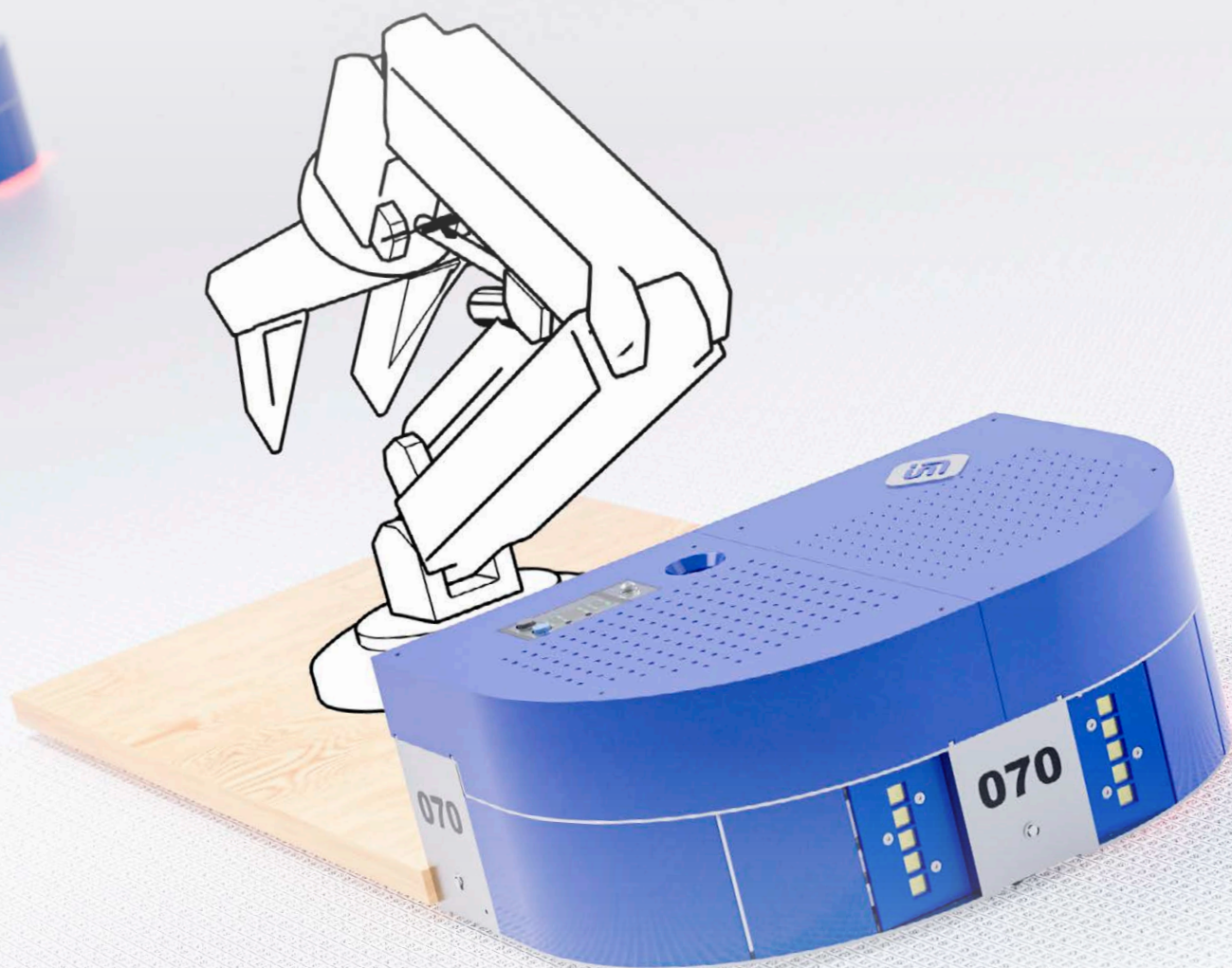


STOROJET

NEXT LEVEL STORAGE



Made in Germany



PRODUCTION AUTOMATION



FULLY AUTOMATED TRANSPORT AND STORAGE OF GOODS

REVOLUTIONARY TRANSPORT OF GOODS

WITHOUT CONVEYOR BELTS: You fill the goods carrier – **STOROJET** will do the rest. The more flexible alternative to conventional conveyor belts.

STORAGE MADE EASY – STOROJET'S SPECIAL

SOLUTION: Both transportation and storage! **STOROJET** not only takes care of transportation, but also ensures optimal storage of your products.

GOODS CARRIERS TAILORED TO YOUR NEEDS:

With **STOROJET**, you can customize the shape, size and structure of your goods carriers so that they fit your products perfectly.

INDIVIDUAL TRANSPORT ROUTES, EASY TO

EXPAND: Thanks to our modular system in a 1.6 m × 1.2 m grid, you can adapt the travel paths of the robots (mini AGVs) to the conditions of your hall and your production.

USER-FRIENDLY CONTROL SOFTWARE:

Designed for high compatibility and easy integration into your system. Our software lets you design paths and trailers to suit your requirements.

PRECISE STOPPING POSITIONS FOR SEAMLESS

COLLABORATION: Our robots move to precise positions to enable trouble-free collaboration with your devices, e.g. gripper arms, in your facility.

THE ALL-IN-ONE SOLUTION FOR STORAGE AND

TRANSPORTATION: **STOROJET** offers you a comprehensive solution for your production. From storage to transport - everything is organized in one system.

STOROJET REDUCES COSTS by using **SIMPLE ELEMENTS** for the installation of the system.

Rely on the proven **STOROJET** technology and contact your personal sales representative now for a non-binding consultation.

The **STOROJET** control software offers a comprehensive solution for storage and transportation processes in a defined grid of 1.6 m × 1.2 m.

To fulfill customer orders (see below), the control software selects appropriate mini AGVs and assigns them routes and storage locations. All redundancies in the layout are mapped in the control software. This is helpful if individual components malfunction. The system tracks the location of each trailer and parks trailers that do not have a current order in the storage tower.

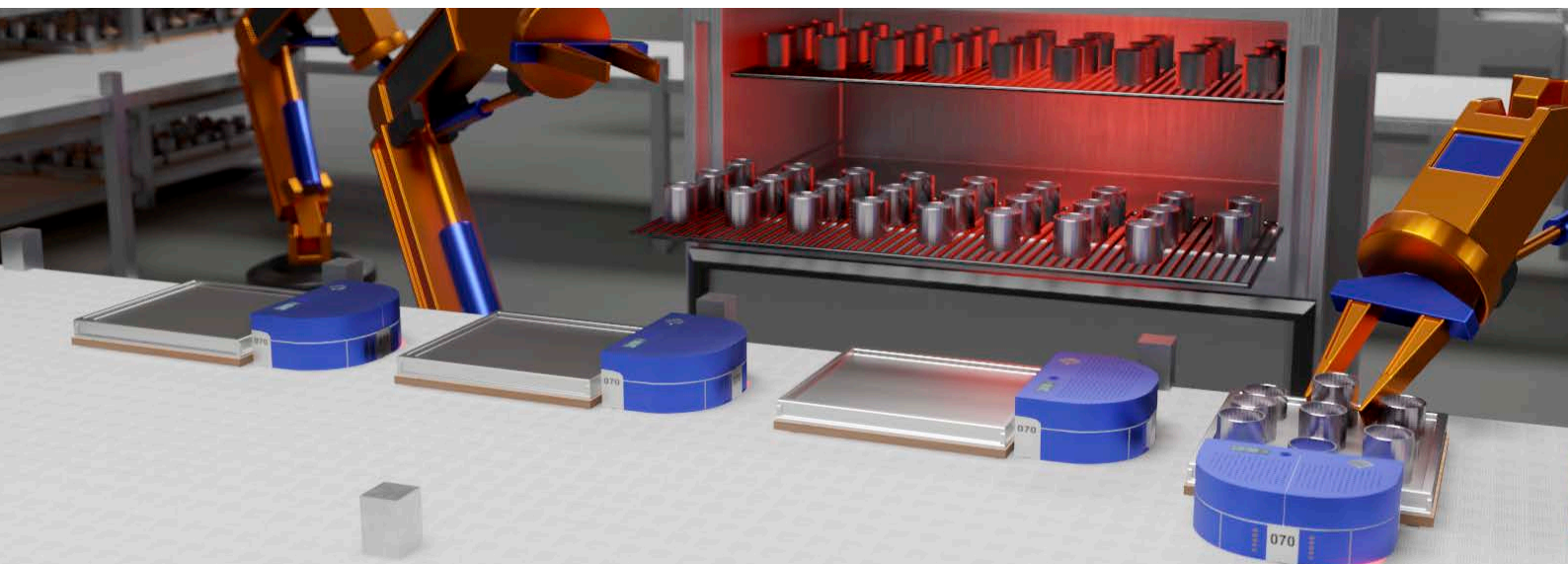
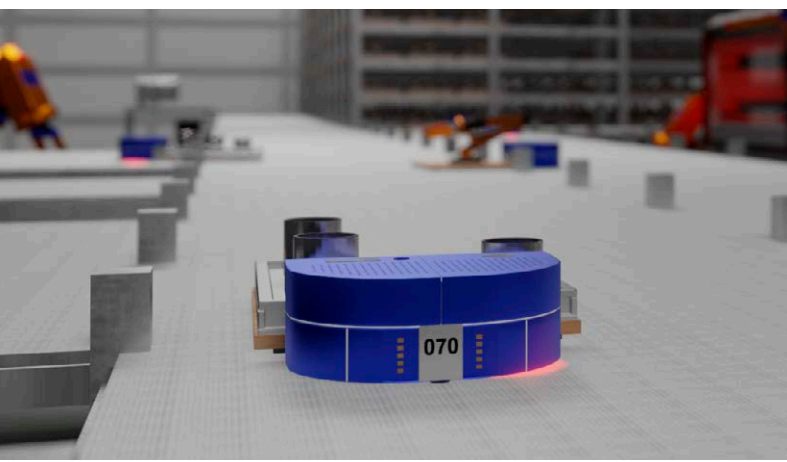
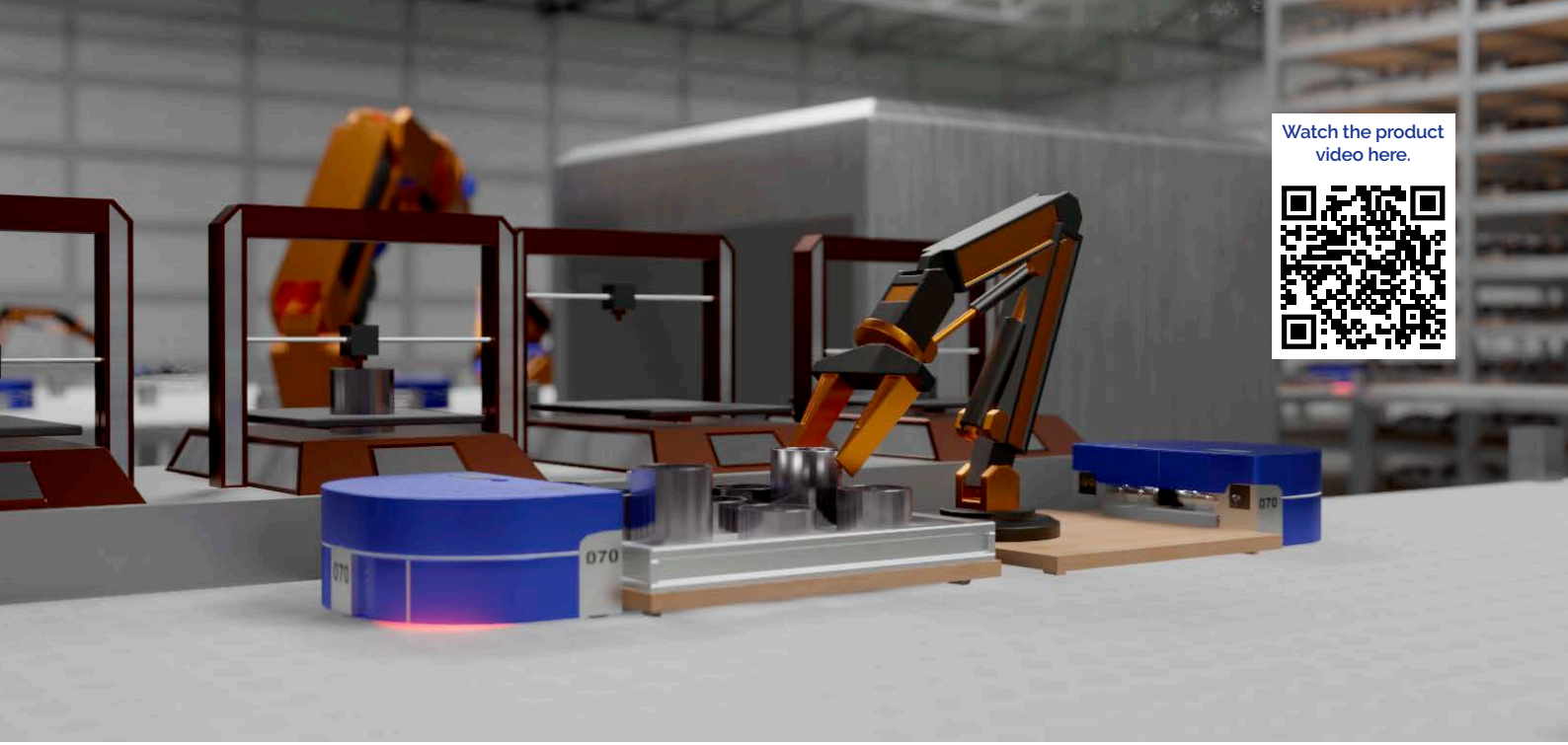
The control software knows neither the content nor the structure of the trailers - only the height, width and length required for driving.

How to integrate STOROJET:

The customer's software submits orders via the user-friendly interface, specifying when which trailer should be available and where.

Using the interface as a basis, the customer's software manages the workpieces, tools or goods on the trailers and controls the manipulators and other devices.

Watch the product video here.





STORAGE TOWER

- Modular, configurable basic shape of up to 12 m height
- Various level spacings possible
- Levels can be linked by lifts
- Storage of parts required for production, including intermediate and final storage
- Expandable while the system is in operation

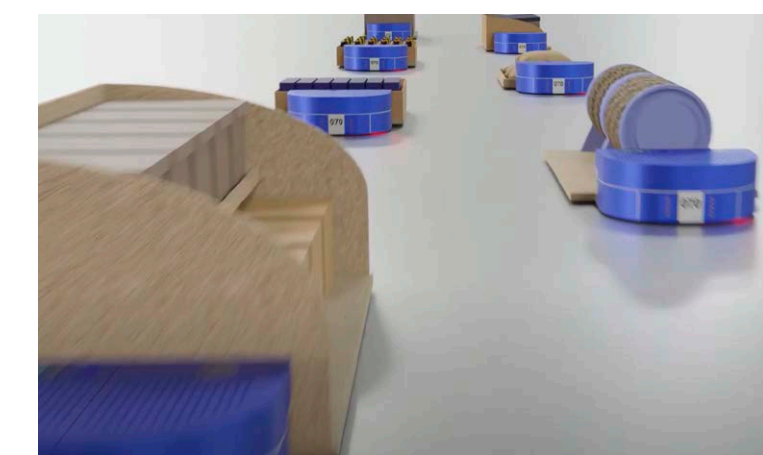
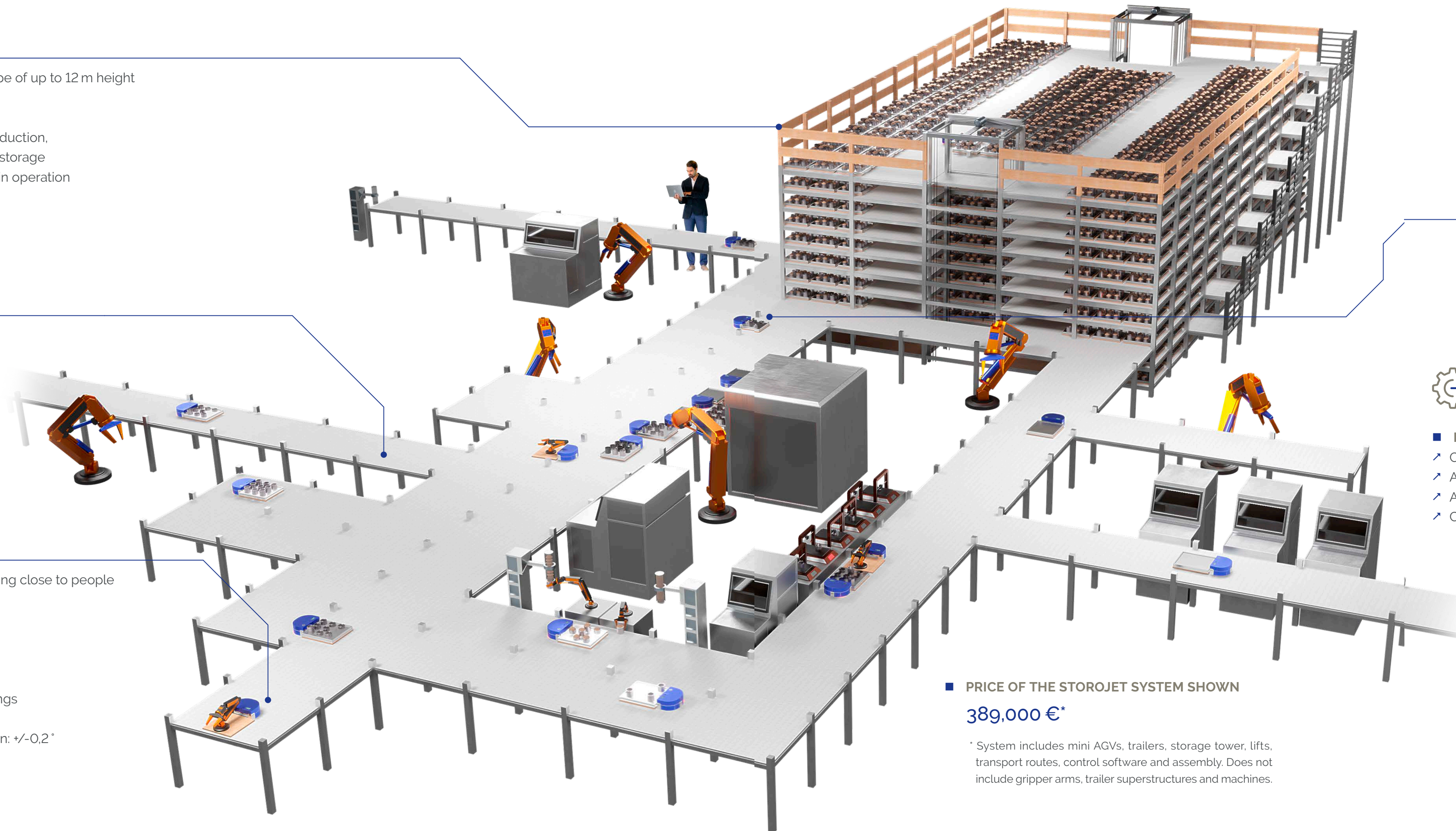
ROUTES

- Freely configurable and flexible installation of tracks with a basic grid of 16 x 1.2 m
- Individual height
- Can be extended and rescheduled while the system is in operation
- Cross-hall networking
- Manually foldable bridges for access to all machines



MINI AGVs

- Automated guided vehicle systems (AGVs) for working close to people
- Dimensions: (W x D x H) 40 x 27.5 x 15 cm
- Weight: 15 kg
- Operating temperature: 10–40 °C
- Battery: LiFePo
- Operating time: 8 h, autonomous charging
- Navigation: Fully automatic based on ground markings
- Coordination: Through central system via WLAN
- Position resolution: Sub-millimeter accuracy, position: +/-0,2°



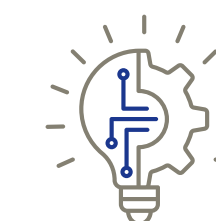
GOODS CARRIERS (TRAILERS)

- Maximum load: 20 kg
- Individual: 40–50 cm width and 50–90 cm length
- For transportation and storage
- Customized superstructures
- Optional assembly of small, fully functional manipulators



REDUNDANT SOFTWARE

- Control software for mini AGVs and lifts
- Automatic route finding
- Automatic management of parking locations
- Clear API



YOUR CONTRIBUTION

- Connection of the **STOROJET** control software to your software
- Management of the goods to be moved
- Specification of which trailer is to be provided when and where
- Control of the manipulators
- We will gladly assist you with the planning

PRICE OF THE STOROJET SYSTEM SHOWN

389,000 €*

* System includes mini AGVs, trailers, storage tower, lifts, transport routes, control software and assembly. Does not include gripper arms, trailer superstructures and machines.

■ REFERENCE CUSTOMERS



➤ www.solarversand.de



➤ www.angelplatz.de

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Wir brechen Maßstäbe!

➤ www.haertle.de



➤ www.brillenplatz.de



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