

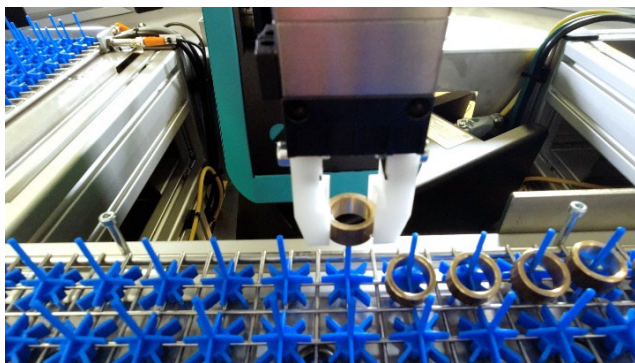
# HANDLING SYSTEM – STANDARD

## SPECIFICATIONS

Supply	230 VAC / 10 A / 50-60 Hz
Performance	Part-dependent
Autonomy	Dependent of cycle time and parts
Dimensions:	
length	min. 1.36 m / max. 2.22 m
width	min. 1.35 m / max. 2.14 m
height	min. 1.44 m / max. 2.02 m
Max. part weight	1.5 kg
Max. part size	Ø 3 – 50 mm x l = 5 – 100 mm
Max. container size L x W	455 x 275 mm

## DESCRIPTION

The handling system is positioned on any production line with parts ejection by means of an integrated mobile lift truck. The system is based on an industrial robot with a radius of action of approx. 600 mm. The robot picks up the manufactured and recognised parts from the integrated conveyor belt and places them on a prepared container. Optionally, the handling system can be expanded with various functions such as a Vision System, test part output, part overflow, blow-off station or a capacity expansion.



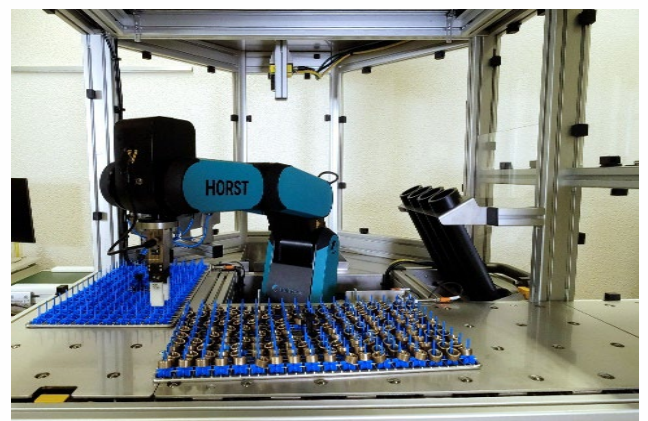
Gripper

## FIELDS OF APPLICATION

Flexible and mobile use in the manufacturing industry. For the unloading of manufactured parts from production machines and subsequent transfer to containers for further use.



Video handling system



Working area

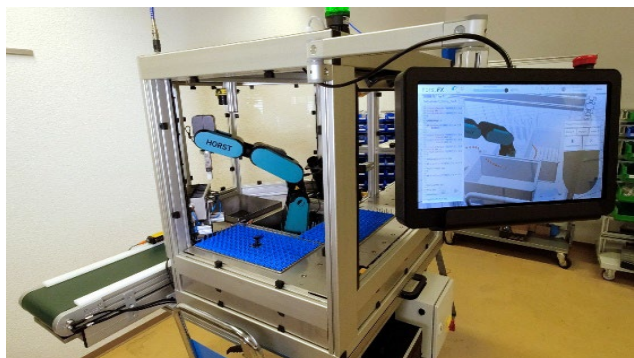


## FEATURES

- Integrated robot
- Mobile system
- Continuously adjustable in height
- Compact system dimension
- PLC control integrated
- Precise motion sequences
- High repeatability
- Flexible use

## ELECTRONICS

A Siemens PLC with HMI control panel that is attached to the system as a swivel arm panel is used to control the system. The control can be connected to the production plant via I/O interfaces to ensure communication. The programming of the PLC, the planning of the electronics and pneumatics as well as the operating concept are designed and realised in-house to meet the customer's needs.



Integrated HMI with swivel arm panel

## CUSTOMER BENEFIT

- Cost effective solution
- Cycle time of fifteen seconds possible (depending on parts)
- High autonomy
- Flexible use on different machines
- Various service packages in progress
- Proven and tested concept
- Customer's own containers possible

## COMPLETE SYSTEM



Flexible, mobile and height-adjustable

