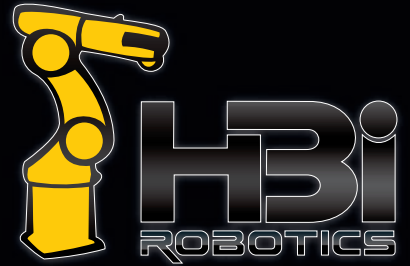


pts6440

PALLETIZER SYSTEM



The robot cell for loading and unloading machine tools,
and for quality assurance

DESIGNED FOR:

- Machine tools
- Plastic injection moulding machines
- Assembly systems
- Quality assurance



INTELLIGENT AUTOMATION

pts6440

PALLETIZER SYSTEM

FUNCTION

Our pts6440 palletizer system is extremely space-saving and modularly structured. With a base surface of only approximately 1.46 m² it offers a placement surface of up to 7 m² at a component height of < 55 mm. The pallets can be removed or inserted from the side. Through a simple and self-explanatory user interface the system is easy to operate.

APPLICATION AREAS

- Machine tools
- Plastic injection moulding machines
- Assembly systems
- Quality assurance

TASKS POSSIBLE DURING PRIMARY PROCESSING TIME

- Testing, measuring, deburring, labelling, cleaning, assembling, drying, preserving
- Image processing: Vision system 2D & 3D for flexible removal of the parts from the pallets

SYSTEM CHARACTERISTICS

- 40 pallets in a circulating paternoster system
- Energy efficient, because it is extremely space-saving, only 1.46 m² of your valuable floor space is required
- Approx. 7 m² floor space for components with component height of up to 55 mm
- All pallets are equipped with RFID
- Independent loading and unloading of pallets during the manufacturing process; the manufacturing area is separated from the operating area by a safe automatic door
- Robot cell access door, thus the pallets can be exchanged at any point in time
- Extremely time-saving, because the pallet change takes place in parallel and automatically during robot processing
- Mobile hand-held operating device
- Colour touch panel 5.7" (TFT) for displaying the system status
- Efficient loading and unloading of the pallets from one side, thus the profitability of operating personnel increases
- Completion notification visual display (red/yellow/green)

HIGH PROFITABILITY THROUGH

- Efficient operation
- Minimal investment costs
- Fast and easy retooling
- Fast amortization – also through the automatic pallet change
- Extensive parts variety
- Compact and space-saving design
- Maintenance friendly

COMMISSIONING/SERVICE

- Pre-programming of the robot system in the manufacturing plant
- Short on-site assembly time/commissioning time
- Training for machine operators/programmers in the plant or on site
- Fast on-site service with immediate response

OPTIONAL

- Measuring of the workpieces
- Rail system for fast pushing away of the robot cell, for maintenance, cleaning and retooling tasks on manufacturing machines
- Parts detection with camera on the pallets
- Special solutions on customer request
- If there is a fault, signal via SMS to the mobile phone

TECHNICAL DATA

Length: 2318 mm
Width: 627 mm
Height: 2262 mm
Weight: 1053 kg



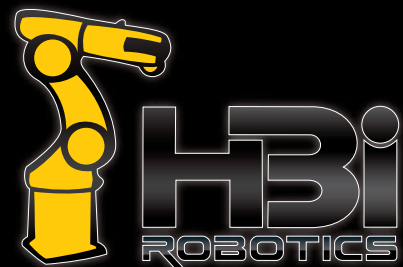
Continuous pallet filling



Gripper system according to customer request



Product change without long retooling time



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