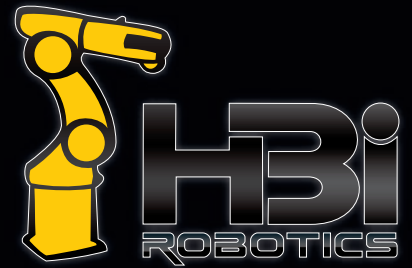


pts6410

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

pts6410

PALLETIZER SYSTEM

FUNCTION

Our new pts6410 palletizer system is extremely space-saving and modularly structured. In a very small space (approx. 1.1 m²) 10 pallets, size 600 x 400 mm can be processed. The pallets can be taken out or inserted from one side. Easy and user-friendly operation likewise characterize the system. For capacity extension an additional palletizer module can be attached.

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

- 10 pallets for unmachined parts and 10 pallets for finished parts, size 600x400 mm can be simultaneously fed and discharged at a pallet height of 55 mm
- At a pallet height of up to 30 mm, 20 pallets can be fed and discharged
- Energy efficient, because it is extremely space-saving, only 1.1 m² of your valuable floor space is required
- 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
- Mobile handheld operating device
- Colour touch panel 5.7" (TFT) for displaying the system status
- Extremely time-saving, because the pallet change takes place in parallel and automatically during robot processing
- Pallet centring function, thus high repeatability of the pallets is ensured
- Extension possibility through a second palletizing module
- Efficient loading and unloading of the pallets from one side, thus the profitability of operating personnel increases

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

- Completion notification visual display (red/yellow/green)
- 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

TECHNISCHE DATEN

Length: 1706 mm
Width: 627 mm
Height: 2354 mm
Weight: 871 kg



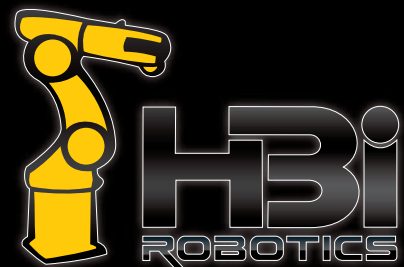
Compact robot structure



Individual pallet systems



Professional gripper technology



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