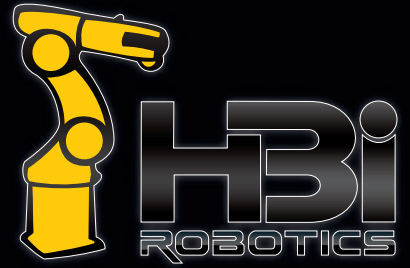


pts - series

PALLETIZER SYSTEMS



Modular palletizer systems for different implementation areas and a variety of tasks are possible during primary processing time

High profitability and short on-site assembly and commissioning times, as well as optional supplemental functions and extension possibilities as requested by the customer characterize the pts-series.



INTELLIGENT AUTOMATION

pts - series

PALLETIZER SYSTEMS

MODULAR STRUCTURE AND HIGH FLEXIBILITY

The easy, user-friendly operation, as well as the modular structure, are the main characteristics of the pts-series. Moreover, the robot systems are impressive due to high energy-efficiency, space-saving design, fast and easy retooling, very high degree of parts variety, easy maintenance, as well as the fast on-site service offered by HBi Robotics. Optionally, other supplemental functions, such as parts detection with camera on the pallets and other special solutions are available on customer request.

ROBOTS THAT CAN BE DIRECTLY INTEGRATED ON THE PALLETIZER

- Kuka > Agilus
- Fanuc > LR-Mate 200iD
- Motoman > MH5LF
- Stäubli > TX 60L
- OTC > FD-H5

Other manufacturers and types on request

SYSTEM SIZE

| | Length in mm | Width in mm | Height in mm | Weight in kg |
|---------|--------------|-------------|--------------|---------------|
| pts6410 | 1706 | 627 | 2354 | approx. 871 |
| pts6420 | 1706 | 627 | 2354 | approx. 871 |
| pts6440 | 2318 | 627 | 2262 | approx. 1.053 |
| pts6480 | 2318 | 627 | 2262 | approx. 1.053 |

COMPONENTS IN THE SYSTEM COMPARISON

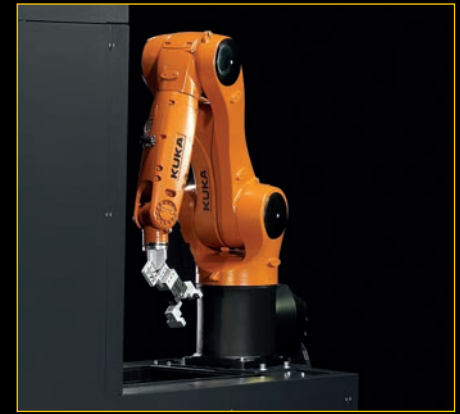
| | Number of pallets | Maximum part height in mm | Recommended pallet weight in kg |
|---------|-------------------|---------------------------|---------------------------------|
| pts6410 | 10 | 55 | 20 |
| pts6420 | 20 | 30 | 15 |
| pts6440 | 40 | 55 | 20 |
| pts6480 | 80 | 30 | 15 |

COMBINATION POSSIBILITIES

| | Can be combined with | Camera detection |
|---------|----------------------|------------------|
| pts6410 | frz1001 | on request |
| pts6420 | frz999 | |
| pts6440 | frz1001 | |
| pts6480 | frz1002 | |

APPLICATION EXAMPLE

| | Number of pallets | Number of parts per pallet | Cycle time per part in sec. | Autonomy in hours |
|---------|-------------------|----------------------------|-----------------------------|-------------------|
| pts6410 | 10 | 100 | 12 | 3.3 |
| pts6420 | 20 | 100 | 12 | 6.6 |
| pts6440 | 40 | 100 | 12 | 13.2 |
| pts6480 | 80 | 100 | 12 | 26.4 |



Space-saving assembly of the robot directly on pts

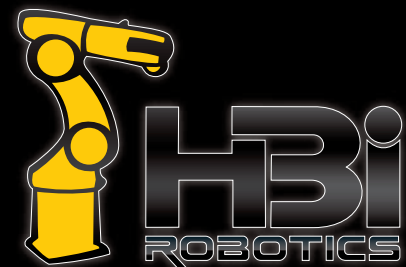


A partition wall can be used for special applications



Set up of multiple pts next to each other is possible

Subject to change without notice / errors and omissions excepted, Version October 2016



HBI Robotics GmbH
Daimlerstraße 13
78559 Gosheim, Germany

Phone: +49 (0)7426 - 94 77 16 - 0
Fax: +49 (0)7426 - 94 77 16 - 50

info@hbi-robotics.de
www.hbi-robotics.de