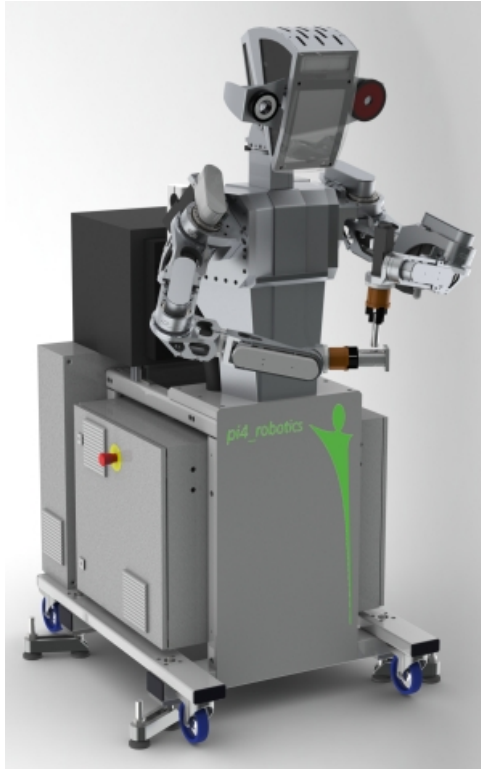


# Workerbots from pi4

## pi4\_workerbot

Article Number: PRHG0001



pi4\_workerbot - Prominent features:

- Flexible inspection and assembly robot system for a wide range of tasks
- Reconfigurable and reusable
- Fast retooling
- Intuitive und easy operation
- Intuitive and easy setup of new tasks (no programmer necessary)
- Repeatability of assembly and inspection tasks (Measuring- and process capability)
- Plug & Play
- No more risk of quantity reduction by the end customers (rental concept)
- Time-to-product shorter than usual (usage of standard robots not customized machinery)
- No or low invest necessary due to new financial concepts (leasing and rental of the robot)
- Always the newest robot technology with the leasing concept
- Cost-saving and faster SOP (Start Of oPeration) (Automobile suppliers – Production and inspection on standard equipment at the beginning of sample production)

- **Kinematics**  
7 Degrees of Freedom (2 arms)  
Absolute Encoders  
2 Degrees of Freedom (Pan-Tilt Device)  
repeatability + / - 0,1 mm
- **Mobility**  
Robot and Controllers fully integrated in a mobile platform
- **Sensor system**  
B/W-Camera  
Color-Camera  
6-Axis Forcefeedback (wrist joint)  
Option TOF-Camera (Time Of Flight)
- **Operation**  
Intuitive GUI  
No programmer necessary for operation & setup
- **Safety**  
Laserscanners Category 4  
EU-Standards
- **Environment**  
Low maintenance  
Long life

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