Gripping of pipe clamps

Pick & Place-Technology

QUALITY MADE IN GERMANY
Special machines for your production

Task:
A conveyor belt feeds the separated pipe clamps into the robot cell. Orientation, gripping position, prone and supine position are identified by a 2D camera while the conveyor belt is moving. The data are transmitted to the robot.

The robot picks up the components from the moving conveyor belt and places them – according to prone or supine position – on an indexing table where final assembly takes place.

Robot picks up pipe clamps from the moving conveyor belt.

Your benefits:

- **Cost savings**
  thanks to complete automation
- **Reduced error rate and quality assurance**
  by using robots
- **Optimisation of the cycle time**
  Cycle time:
  less than 1 sec./piece

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Technical details:

Our services	Robot Programming
Programming	Vision System
Cycle time	less than 1 sec./piece
Robot	1 IRB 360 Flex Picker (ABB)

We provide ready to use robot systems and automation solutions:

Processing:

- Deburring
- Milling
- Grinding
- Stroke filing
- Polishing

Assembly:

- Assembling
- Screwing
- Shrinking
- Pressing
- Glueing

Handling:

- Picking up
- Stacking
- Insertion
- Removal
- Placing

Everything from a single source:
Thanks to our integration into the **Pütz Group** and the resulting **synergy effects**, we are able to offer you not just robot systems and automation solutions, but also the appropriate test technology to test surfaces for dimensional accuracy.

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