

Loading and unloading a lathe

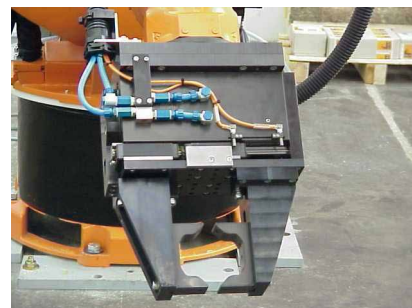


Task:

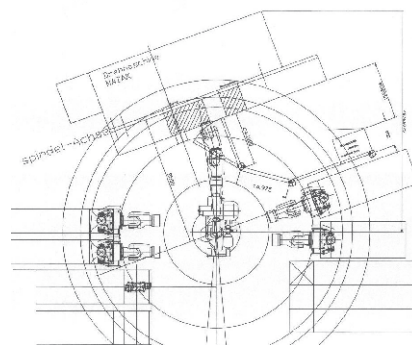
Loading and unloading a lathe.

Our solution:

A robot acts as the central movement element between the lathe and other assembly stations for handling pump housings. The robot has a standard pneumatic long stroke gripper with a stroke of approx. 200 mm for up to five different pump housings.



Pump housing gripper



Your benefits:

- + Loading and unloading of three assembly stations and one lathe with just one robot
- + Less work for factory workers
- + Short loading and unloading times
- + Operation of the feed and discharge belt by one robot in three-shift mode
- + Flexible work sequences

Loading and unloading a lathe

Technical details:

Robot	KUKA KR125
Gripper arm stroke	200 mm
Robot weight	incl. gripper arm 1,300 kg
Workpiece weight	approx. 20 kg
Machine loading	with approx. 0.5 mm play

**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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