

Loading and unloading a lathe

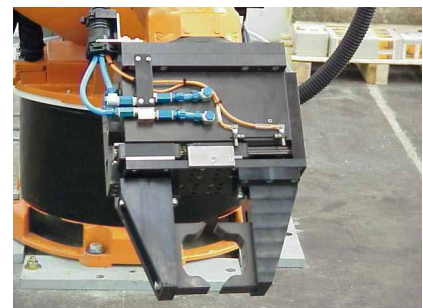


Task:

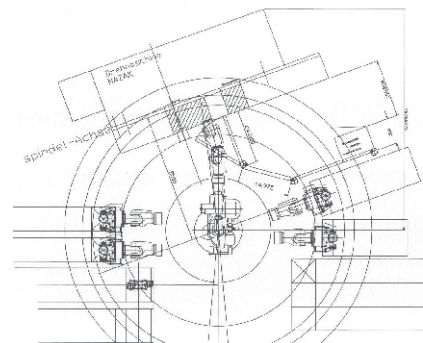
Loading and unloading a lathe.

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

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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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