

ROBOT GUIDE

An automated guiding solution for the tooling of the future

Alignment of a robot during a production run

Main advantages

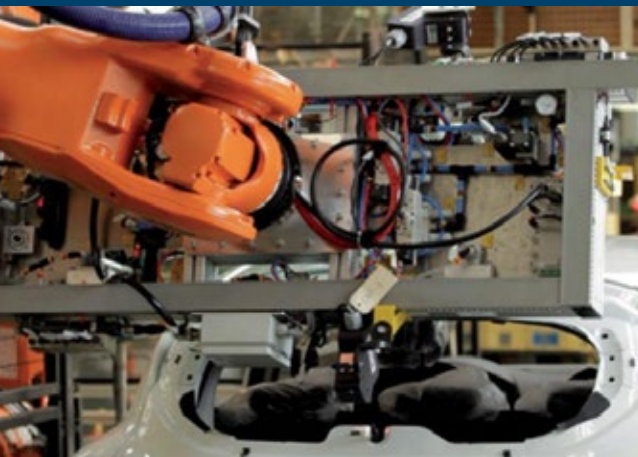
- Wide range of applications including alignment to a geometric baseline, gap and flush, etc.
- Non-contact solution
- Ability to combine 2D and 3D measurements
- Manufacturing traceability

Benefits

- Reduced automation costs
- Improved process flexibility
- Improved product quality

Applications

- Best Fit: 100 % automatic assembly by robot
- Special welding applications with verification of welding path
- Cutting operations (laser, etc.)
- Alignment before and after application of adhesive beads
- Orienting parts
- Positioning parts before deburring



We DEVELOP

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Features

- Interchangeable and designed to withstand an industrial environment
- Operating distance: The range of sensors may be positioned between 120 mm and 1300 mm from the measurement point
- Installation: fixed sensors or sensors mounted on one or more of the robot arms
- Air-conditioned cabinet, containing: industrial PC, image processing card and video interconnection cards, interface cards for connections to the robot and/or line controller and factory network
- SPC: SQL database designed to analyse a maximum number of criteria in minimum time. Variety of export formats available

