



Description

- Versatile system concepts and assembly layouts according to volatility-based capacity fluctuations
- Individualisation of the work area, such as lighting, table height, provision of information to the employee and the respective work situation
- Work tables, tools and variant materials are flexibly transported to employees by mobile robot
- Mobile robot can navigate freely through the room and avoid obstacles as well as be controlled by the employee via mobile device

Change in work

- Increasing human-technology interaction in the work context
- Requirements regarding the handling of high-tech mobile robots are increasing
- Individualization of the workstation in exchange of personal data

Added value & benefits

- Increased internal mobility with regard to production layout
- Material supply also ensured for highly varied productions
- Individualisation of workstations improves ergonomics, process efficiency and well-being at the workplace

Contact person



Bastian Pokorni

Head of department Networked
Production Systems
Fraunhofer IAO
Nobelstrasse 12, 70569 Stuttgart

Phone: +49 711 970-2071
bastian.pokorni@iao.fraunhofer.de