

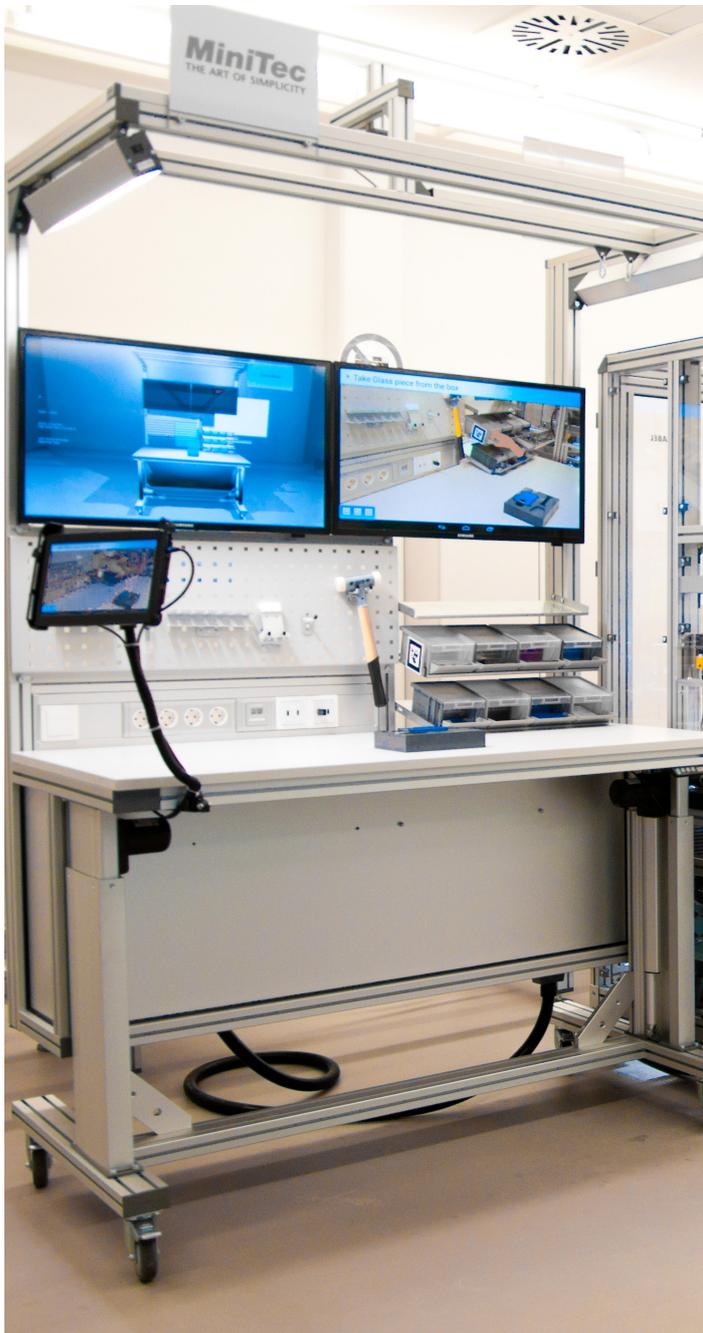


## MANUAL WORKSTATION SMART OPERATOR

Workplace System 4.0



**INDUSTRY 4.0 - FROM VISION TO REALITY**



The human-technology solution of the future from **MiniTec**.

**INDUSTRIEY 4.0 - FROM VISION TO REALITY**

A central aspect of the industry 4.0 vision is the „assisted Operator“ or „Smart Operator“. In order to optimally support people in future production scenarios, suitable human-technology solutions on this basis are required.

**KEY FEATURES**

- Mobile, context-sensitive user interfaces or Assistance systems
- User-centric system design and integration
- Active support concepts by means of recording and interpretation of context and workflow
- Innovative visualization and interaction techniques (e.g. Augmented Reality)
- Consistent provision of information in compliance of security aspects

**FEATURES OF THE „SMART“ WORKPLACE**

Real-time assistance and operator training in various complex manual assembly processes using Augmented Reality-based instructions for action (Overlay of the real-time camera image by 3D objects and animations or optionally through language instructions). The optional recording of the workflow by optical systems, which locate the operator's hands three-dimensionally in the workspace, enables direct interaction with the operator (e.g. feedback in case of unfavourable action sequences). Applications for Tablet-PC (Android) and PC (Windows) for stable use and flexible integration of further applications and functions.

