

Mobile Loading Cell

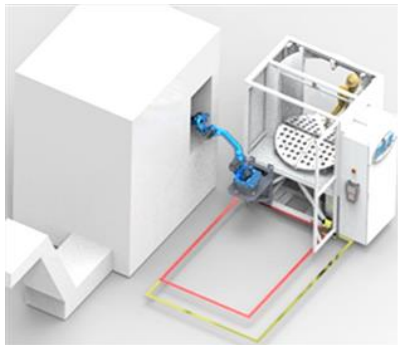
Increases your flexibility and productivity



Worker and robot work simultaneously at the cell



Example: Loading of a 5-axis milling machine



Floor scanner makes **ideal accessibility** possible

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Modern factory automation from a single source

- + From **concept design** to **design, assembly** and **putting into operation**
- + Range of Services from **Standard automation** through to **customized solutions**

Portfolio Overview

- + **Flexible Manufacturing Systems (FMS)** incl. Master control
- + **Pallet automation**
- + **Mobile loading cell**
- + **Staple cells**
- + **Tool automation**
- + **Workpiece/ tool handling**
- + **3D- Vision systems (Bin Picking)**
- + **Manufacturing isolated applications**
- + **Robot technology** incl. Gripper technology

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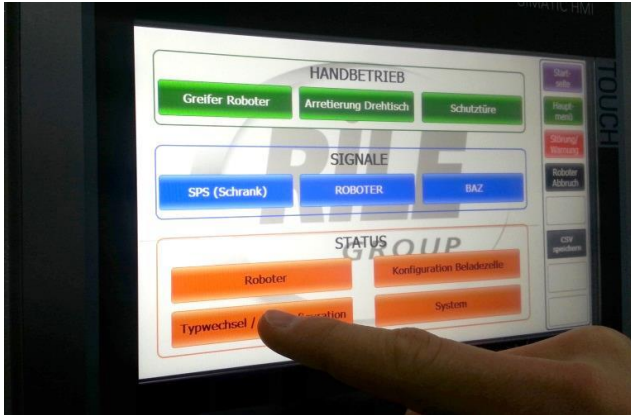
Mobile Loading Cell



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THE CONTROLLER everything at a glance



HIGHLIGHTS

- + **User-friendly** visualization
- + System operation **without robot control**
- + **Standardized**, menu-driven programming
- + **Quick & easy** programming of new components
- + **No special robot knowledge** necessary
- + **Main time-parallel programming** of new components



Mobile Loading Cell

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HIGHLIGHTS

- + **Short changeover times** thanks to flexible attachments
- + **Direct or indirect workpiece handling by vise handling** possible
- + **Flexible & easy retrofitting** of new components
- + **Main time-parallel** loading / unloading and setup possible
- + **Vises can continue to be used** for **manual loading** of the machine
- + **Effective & short term response** to new orders
- + **Integration of downstream processes** such as marking, measuring, washing, etc.
- + **Small installation surface** required
- + **No protective fence** mandatory
- + **Universally applicable** to various CNC-machines
- + **Mobile & compact**, can be transported quickly and easily using a pallet truck
- + **Everything from a single source**, from the interface to putting into operation



Direct and indirect work piece handling possible



Direct work piece handling



Indirect work piece handling by vises