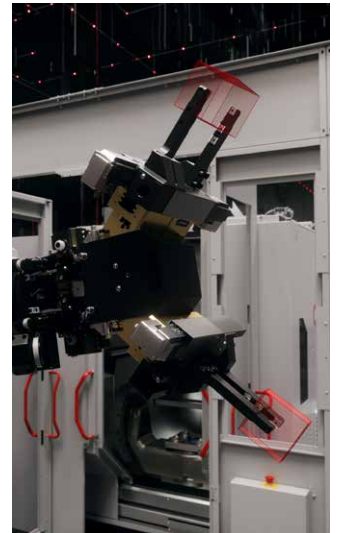
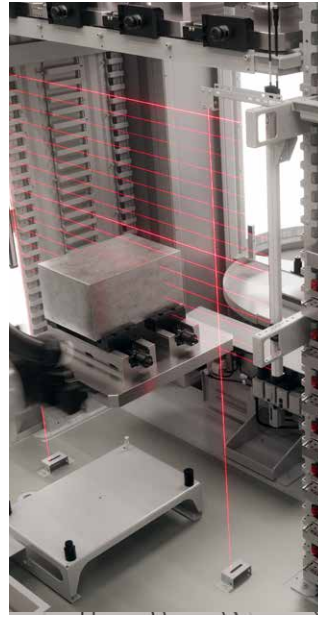
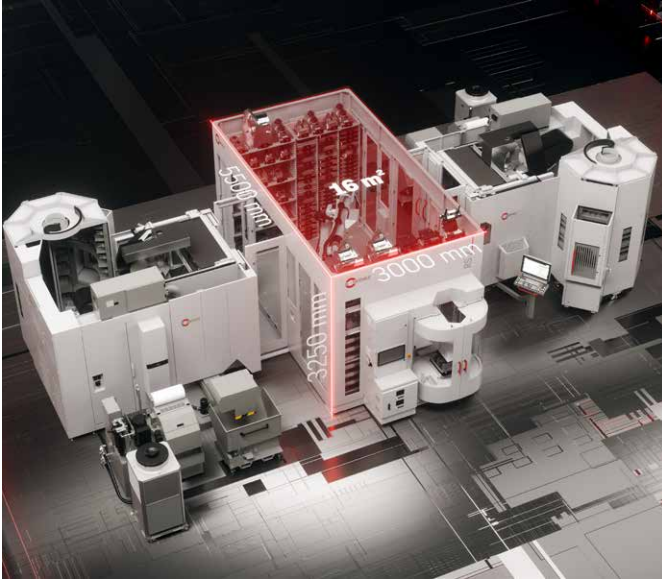


Robot System **RS 2 GEN2**
www.hermle.de



ROBOT SYSTEM RS 2 GEN2

With the RS 2 GEN2 robot system - the elite class of automation - HERMLE is taking automation to a whole new level. The system is platform based and can be customised through various modular configurations. This also makes it possible to adapt the system to one, two or even three identical or different HERMLE machining centres. The safety enclosure is extensively glazed to provide a clear view of the interior and, with up to three double access doors, ensures optimum operator protection, especially during manual work on the machine. Various setup station variants enable the convenient loading of workpieces into the system. Six rack modules ensure extensive and convenient workpiece storage. The system is designed for the storage of pallets, workpiece carriers or dies and, of course, storage pockets for an array of grippers. Positioned in the centre of the system, the six-arm robot is designed to efficiently load all working areas of the machines, while handling transport weights of up to 210 kg. Like all HERMLE machines, the system is transported in one piece without disassembly, ensuring fast and smooth installation and commissioning.

Advantages

- COMPACT, HIGHLY MODULAR ROBOT SYSTEM
- CAN BE ADAPTED TO SIX DIFFERENT HERMLE MACHINE MODELS
C 250 | C 400 | C 650 | C 22 | C 32 | C 42
- CUTTING-EDGE DESIGN AND CAN BE COMBINED WITH UP
TO THREE HERMLE MACHINES
- SPACE-OPTIMISED DESIGN OF JUST 13 M2 OR 16 M2
- AUTOMATIC GRIPPER AND CLAMPING JAW CHANGE



DETAILS

Main components

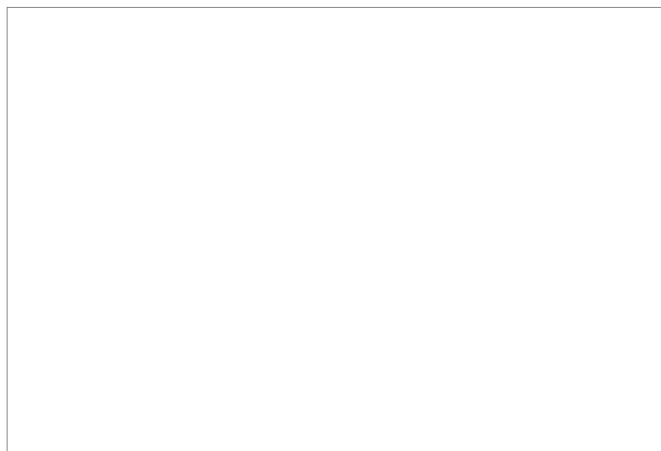
- BASE PLATFORM IN FOUR EXPANSION STAGES WITH FULLY GLAZED SAFETY ENCLOSURE
- SIX-AXIS ROBOT WITH A LOAD CAPACITY OF 210 KG
- TWO SETUP STATION SYSTEMS WITH WORKPIECE HEIGHT MEASUREMENT AND WIDTH CONTROL
- SIX INDIVIDUAL RACK MODULES WITH AN INTELLIGENT STORAGE STRATEGY
- UP TO THREE TRANSFER STATIONS FOR WORKPIECE HANDLING
- DOUBLE HYBRID GRIPPERS AND ELECTRIC GRIPPERS
- VARIOUS CLAMPING, PALLET AND DIE SYSTEMS
- CONTROL SOFTWARE FOR PERFECT OPERATION AND MACHINING STRATEGY





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Subject to technical modifications. 04/25/PS 2 GEN2/1000/EN/ON



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