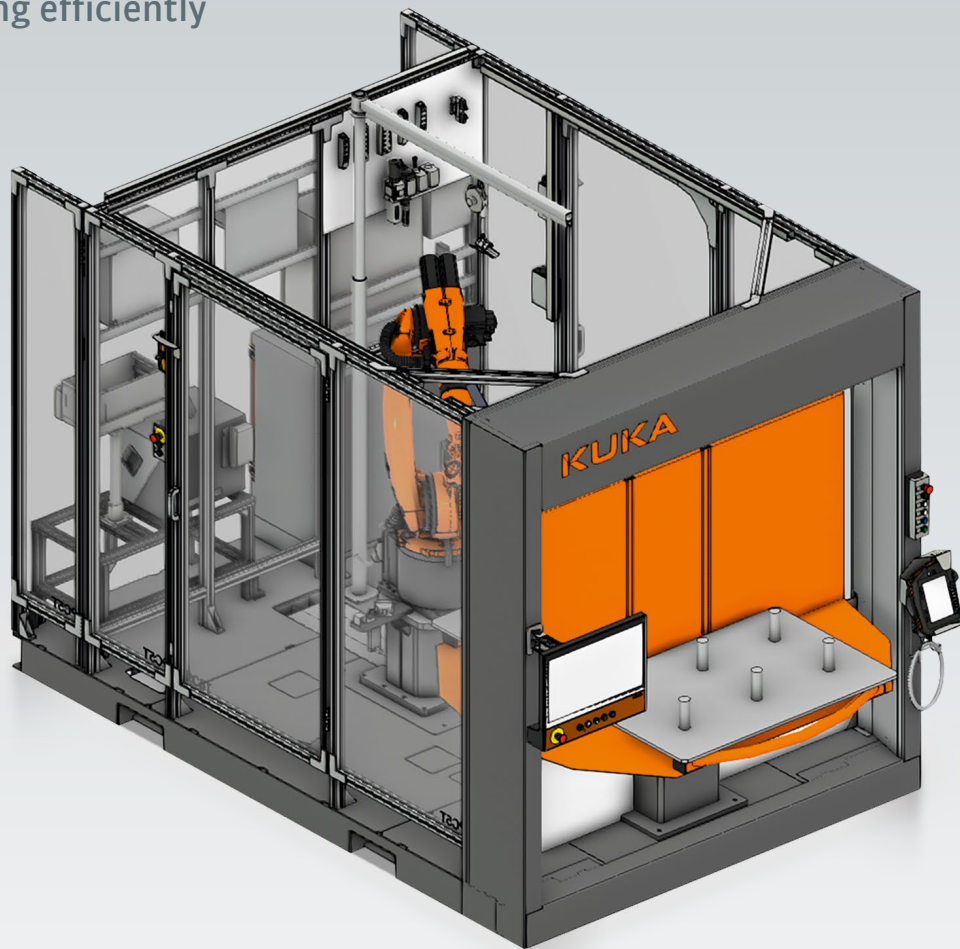




cell4_production manufacturing cells
_screwsetting efficiently
automated



KUKA cell4_screwsetting compact _the compact cell for flexible, fully-automated screwsetting

KUKA manufacturing cells for screwsetting are quickly available and can be custom-configured very easily with a range of versatile, modular standard packages and options. Centering, inserting, tightening, checking, documenting. KUKA cell4_screwsetting compact masters the entire process chain of industrial screwsetting in next to no time. For utmost manufacturing efficiency, compact solution in confined spaces.

Highlights cell4_screwsetting compact

- Compact, portable cell on a base frame
- Broad application spectrum with many preconfigured variants
- Optimized for maximum output
- Assured quality with integrated monitoring of process parameters
- Access to KUKA Xpert – the digital knowledge database for all KUKA products

KUKA | Xpert

- Ready for IIoT and remote services



KUKA cloud applications

KUKA cell4_screwsetting compact

_process-reliable industrial screwsetting for flexible material combinations

With cell4_screwsetting compact, KUKA delivers everything from a single source: perfectly coordinated components, defined interfaces and tried-and-tested processes. Preconfigured for immediate commissioning in your individual production environment. The fully-automated assembly cell provides an extremely fast and cost-effective solution for the non-positive screw fastening of components.

Optimally integrated with comprehensive support from our experts throughout – from planning through to servicing.

Service

- Increased productivity and minimized downtime
 - 24/7 hotline
 - Global spare parts and service support
 - Remote Service
 - Service agreements and maintenance
 - Role-specific training courses
- Services for maintaining optimal performance throughout the entire life cycle of the machine

Planning

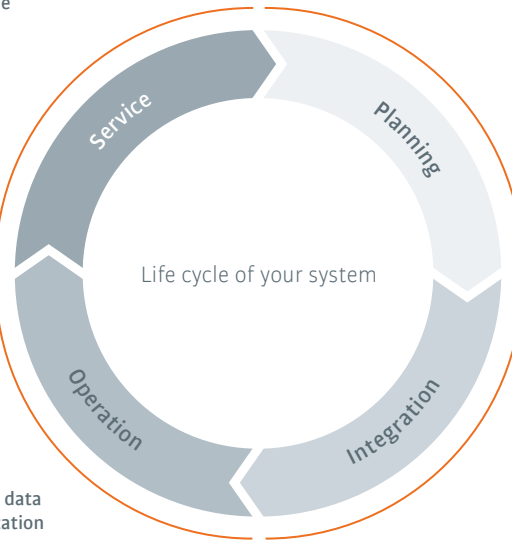
- KUKA supports you in the planning phase
- Fast feasibility studies with KUKA.Sim
- Flexible financing models
- Short delivery times
- Modular structure enables adaptation to your production requirements

Operation

- High system availability thanks to the use of service-proven components
- Future-oriented KUKA.Web HMI for clear visualization and operator control
- Web access to operating data with freely configurable dashboards
- Quality assurance by means of flexible process data monitoring and component-specific documentation

Integration and commissioning

- Short installation times at the customer's site
- Simple integration of fixtures and other system components
- Simple programming with KUKA technology packages and ready2_pilot
- Offline programming with KUKA.Sim



cell4_screwsetting compact single KR



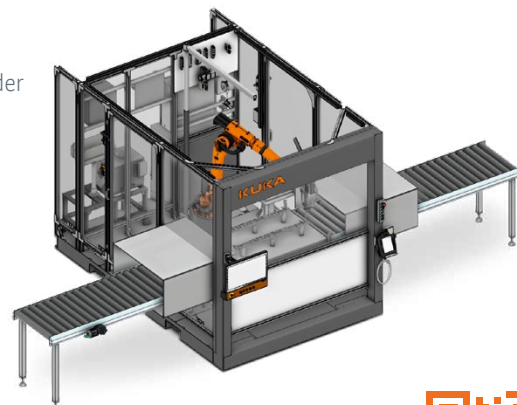
cell4_screwsetting compact KP1M single KR

Standard configuration

Length	3,330 mm	3,860 mm
Width	2,200 mm	2,200 mm
Height	2,560 mm	2,560 mm
Robot	KR CYBERTECH (KR 20 R1810)	KR CYBERTECH (KR 20 R1810)
Positioner	–	KP1-V2T250M
Screwdriving unit	Electric screwdriver 12 Nm	Electric screwdriver 12 Nm
Loading area	Prepared for conveyor belt	–

Various option packages can be selected, depending on the specific requirements on the screw-fastening application:

- Predefined screw-fastening equipment packages, including screw feeder
 - STÖGER screwdriving unit, type SER 2501, Screw type M5x20 ISR Torx (ISO 14583)
- Camera for monitoring/correction of the screw position on the component
 - mounted on the robot
 - stationary mounting in the cell
- Advanced KUKA application software packages:
 - KUKA.ProcessScreen (for monitoring and documentation of process parameters)
- Operator control and visualization with KUKA Advanced HMI
- Customer-specific designs on request



www.kuka.com/contacts

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