

KUKA



Putting an end to dull theory:
The KUKA Education Bundle.

Bundled know-how for the skilled specialists of tomorrow. The exclusive offer for schools and universities.

The KUKA Education Bundle.

As a pioneer in robotics, KUKA has been developing outstanding automation solutions for decades and is currently the global leader in innovation. Robots are considered as a key to competitiveness in industry. They master challenging tasks, boost productivity, quality and efficiency, and reduce costs.

With the exclusive KUKA Education Bundle at your educational establishment, you can impart contemporary robotics expertise to your pupils and students.

Acquisition of skills on a genuine industrial robot, based on the latest control technology:

- Planning and control principles of industrial robots
- Programming and operation of modern industrial robots
- Planning and control of robotic work cells
- Programming with the KUKA.WorkVisual engineering workbench
- Awareness of robot safety and servicing issues

The KUKA Education Bundle contains all components required for teaching purposes:



1. An industrial robot: KR 6 R900 sixx AGILUS

The extremely compact and robust KR 6 R900 sixx is one of the newest, fastest and most reliable robots in its class. With six axes, a maximum payload of 6 kg and a reach of approx. 901 mm, it is ideal for providing an introduction to state-of-the-art robotics.

On request, the KUKA Education Bundle can also be offered with a different KUKA robot.



2. The robot controller & intelligent operator control unit

The KUKA Education Bundle also contains the KR C4 compact robot controller and the intelligent KUKA smartPAD operator control unit.

Groundbreaking KUKA technology and the intelligent system architecture of the KR C4 make control of the robot easy.

The intuitive KUKA smartPAD operator control unit, with its touch screen and graphics support, allows flexible interaction.



3. The simulation software for 10 workstations

With the simulation software KUKA SIM Pro 2.2., pupils and students produce 3D layouts of robotic systems.

In this way, the planning, configuration and testing of complete automation concepts can be simulated and investigated directly on the PC. This combination of planning tool and real robot enables realistic coverage of the training process, from cell planning and commissioning to production.

TINKERING AND PROGRAMMING [+]

KEEPING ABREAST OF
INDUSTRIAL DEVELOPMENTS [+]

[+] LEARNING ABOUT
THE FUTURE OF
AUTOMATION TODAY

[+] TRAINING AT
THE HIGHEST LEVEL



4. Training of the teaching personnel at the local KUKA training center

As a teacher, you will first visit KUKA College – the certified KUKA Roboter training center in your vicinity – in order to gain first-hand practical experience and the necessary technical knowledge for working with the robot.

The KUKA Education Bundle also includes participation in relevant training courses at the local KUKA College.



5. Detailed literature and tried-and-tested training documentation

Furthermore, the KUKA Education Bundle also includes training documentation for comprehensive teaching of the fundamentals of automation.

Benefit from high-quality presentations for teaching staff and instructors as well as digital copies of handouts that can be printed out for your pupils and students. The KUKA Education Bundle provides you with tried-and-tested teaching materials.



KUKA Education Bundle:

Preparing students for the markets of the future.

For the engineers and skilled specialists of tomorrow, in-depth knowledge of robotics and automation is essential. With the KUKA Education Bundle, you enable students to acquire highly valuable skills at an early stage. It is the ideal addition to theoretical tuition and allows practical robotics training, identical to real applications, in accordance with globally recognized industry standards.



www.contact.kuka-robotics.com



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