

TOP 10 Reasons to choose KUKA

1 Number One. Not only is KUKA Robotics the number one robot manufacturer in Europe, they are the robot of choice for many North American industry leaders, such as Tesla (auto), Boeing (aero), Disney (entertainment), and the only industrial robot in the operating room!

2 Two Times the freedom. KUKA's open architecture gives users as much freedom as they want. Delve into the Windows 7 OS to access and modify software or dive deeper into the real-time controller using KUKA's unique Robot Sensor Interface (RSI).

3 Three Machine Languages. In addition to its own robot language KRL, and 25 spoken languages, the KR C4 also understands the language of the CNC machining world (G-code) and the language of PLCs, enabling you to control it with your SIEMENS® or Rockwell® controller without additional hardware.

4 40 hours of KORE curriculum. KUKA is the only industrial robot manufacturer to offer a complete curriculum. The 12-module KORE (KUKA Official Robot Education) curriculum includes lectures, labs and exams. Students also receive a Manufacturer Certified Training Certificate on completion.

5 Five controller sizes operate over 300 robot models using the same software and interface. When students learn on the smallest KUKA AGILUS robot, they are able to program every KUKA Robot including the largest KR titan 1000 kg. This is a great advantage for students once graduated.

6 Six Axes. All 6 axes can be automatically mastered to factory specs in less than 10 minutes using KUKA's unique Electronic Mastering Device (EMD). In addition, KUKA's USB allows direct saving and loading on the KUKA smartPAD. Both devices reduce down time and classroom interruptions.

7 Seven Firsts. KUKA Robotics has gained a reputation for innovation by developing many firsts in robotics, including: the first 6-axis electro-mechanical robot (1973), PC based controller, safe-robot technology, Robocoaster, collaborative robot, 1000 kg payload robot, and omnidirectional platforms.

8 Eight jog keys on the KUKA smartPAD allow students direct control of up to 8 axes at once. Even better, the robot can be controlled intuitively using the unique haptic 6D mouse in 6 degrees of freedom. This gives students the ability to choose their preferred jogging method to optimize comfort level.

9 95% reduced energy consumption in standby mode with the new energy management system. The improved cooling concept, combined with a temperature-controlled fan, further reduces the power dissipation of the controller, while making operation considerably quieter.

10 Ten-seat lifetime server license of KUKA.SimPro & KUKA.OfficeLite are included with the Education Bundle. This offline programming software allows users to create virtual 3D simulations and generate programs that can be sent directly to the robot.

