




Industrial robot practical seminars Complex automation made easy

Engineering Passion

Krauss Maffei

Your guideline to success Programming and process optimization

IR articu- lated-arm robots	KM IR1 Basic Operation and programming	KM IR2 Advance Extended pro- gramming	KM IR3 Commissioning KUKA robots	Participants who successfully com- plete this course will be eligible to attend further courses at the KUKA College.
	3 days	4 days	5 days	
	Our articulated-arm robot seminars are certified by KUKA Roboter GmbH and are fully recognized.			Test Certificate KraussMaffei

Your advantages:

- Greater system availability and productivity
- Shorter changeover times and commissioning
- Shorter cycle times
- Higher output of parts
- Shorter times for program creation

With well trained staff, you are assured of high production and machine reliability. KraussMaffei offers an extensive program for the training of your staff, both in our training centers and individually on location in your company. Practical relevance, individuality, flexibility – the training opportunities from KraussMaffei are perfectly tailored to your needs.

Practical seminar KM IR1

- Setup and operation of a KUKA robot system
- Moving robots, reading and interpreting messages from the robot control system
- Operation with VisuX
- Programming with ProgTechX
- Using robot programs
- Handling program files, creating program modules
- Creating and changing programmed movements, generating new movement commands

Practical seminar KM IR2

- Operation with VisuX
- Commissioning activities at the robot, principle of adjustment
- Using logic functions in the robot program, introduction to logic programming
- Variables and agreements

- Successful programming in KRL structure and configuration of robot programs
- Use of program sequence controls, programming requests or branchings
- Programming waiting functions
- Programming with ProgTechX

Practical seminar KM IR3

- Proper and safe commissioning of a Kuka industrial robot
- Safe and efficient changing of hardware on the robot
- Integration of a Kuka robot in a manufacturing cell
- Reliable use of WorkVisual
- Parallel processes (OptionX)



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Convenient operation with VisuX with operating functions and process data on only seven function screens.



Industrial robot training with the mobile and compact training cell

With our mobile and compact training cell, all necessary industrial robot training sessions can be conveniently held at your company. Prevent a possible loss of production, save travel and accommodation costs – we'll come to you.

Our training cell is equipped with a full-fledged industrial robot from KUKA, which offers all the functionalities of an industrial robot in real use. Moreover, the cell includes a model of an injection molding machine that represents the entire interface of a real injection molding machine.

The cell also has other peripherals, such as a gripper, a conveyor belt and more. With this cell you can program and simulate all of the standard sequences of an actual production process under real-world conditions.

The compact dimensions of the training cell (only 80 cm wide and 140 cm long) enable it to be set up in almost any conference room.

Power is supplied via a 16A Schuko socket. The compressed air for gripper functions is generated by a quiet, integrated compressor.

Your advantages:

- Training at your company
 - Avoidance of possible loss of production
 - Save travel and accommodation costs
 - Training cell with a full-fledged industrial robot from KUKA
 - Simulation of the injection molding process based on a model including all interfaces
 - Compact training cell dimensions (only 80 cm wide and 140 cm long)
 - Power supply (Schuko)
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Industrial robot practical seminars

Complex automation made easy

Production today would hardly be conceivable without versatile and intelligent automation solutions in combination with an industrial robot. To optimize parameters like cycle time, productivity or wear and tear, the handling of the robot needs to be adapted.

We train you and your employees so you can take full advantage of your automation. Your success is our goal – and that is where our tailored seminars come in.

Practical seminar KM IR1 Basic

Operation and programming of articulated-arm robots

Practical seminar KM IR2 Advance

Extended programming of articulated-arm robots

Practical seminar KM IR3

Commissioning KUKA robots

Industrial robot training

with the mobile and compact training cell

