



Red Dot and iF Design Awards: KUKA wins four Product Design Awards in 2022

The KUKA duo of the LBR iisy and smartPAD pro wowed the Red Dot and iF juries with their product design. A fourfold victory in the world of design.

Augsburg, October 2022 – The Red Dot Award and the iF Design Award are two of the world's leading design competitions and stand for expert assessment of design quality. KUKA's fourfold success is proof of the impressive quality and aesthetics as well as the successful combination of technology and creativity.

Perfect interaction: design meets intuitive operability

The LBR iisy cobot is a sensitive, precise and easy-to-operate robot that makes automation even more intuitive and takes human-robot collaboration to a whole new level. "It impresses with its low weight, compact design, small footprint, integrated sensors and, above all, its simple and fast commissioning – and this makes the cobot a flexible helper in production," says Dr. Kristina Wagner, Senior Vice President, Technology & Innovation Center at KUKA.

Robot control for beginners with iiQKA.OS

Thanks to the new iiQKA.OS operating system, the LBR iisy is up and running in just a few minutes. In combination with the particularly flexible KR C5 micro small robot controller and the new smartPAD pro as the teach pendant, they form an unbeatable team. And the best part: customers do not need extensive programming experience to use the cobots for their needs. Many tasks can already be carried out by means of simple manual guidance on the robot. "Customers don't even have to pick up the teach pendant for manual guidance; all the buttons are on the robot, thus making it easy to operate," explains Volker Schmirgel, Chief Product Owner at R&D Mechatronic Products.

Award-winning and safe design

KUKA

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The design of the LBR iiy family also makes for easier use. The streamlined arm design without edges allows humans and cobots to work safely next to one another as well as with one another. “Beyond this, the robots feature integrated torque sensors in all joints, which instantly detect the slightest contact and react to collisions,” says Melina Nasradini, Principal Product Owner at R&D Mechatronic Products.

Simple and intuitive robot control

Robot operation with the new KUKA smartPAD pro is easier and more intuitive than ever. “The teach pendant impresses through its ergonomic product design and robustness, which enable continuous fatigue-free operation in industrial environments,” explains Ser-giy Ostrovski, Project Manager and Principal Product Owner at R&D Mechatronic Products. The smartPAD pro can be used to operate all KUKA products that run on the new iiQKA.OS operating system.

KUKA

KUKA is a global automation corporation with sales of around 3.3 billion euro and roughly 14,000 employees. The company is headquartered in Augsburg, Germany. As one of the world’s leading suppliers of intelligent automation solutions, KUKA offers customers everything they need from a single source: from robots and cells to fully automated systems and their networking in markets such as automotive, electronics, metal & plastic, consumer goods, e-commerce/retail and healthcare. (As at December 31, 2021)