

Leader in Advanced Robotics and Automation Innovation



KUKA Robotics Robot Range

KUKA

KUKA has been in operation since 1898.
Over 14,400 employees in more than 35
subsidiaries worldwide at KUKA Robotics

KUKA offers a comprehensive range of industrial robots

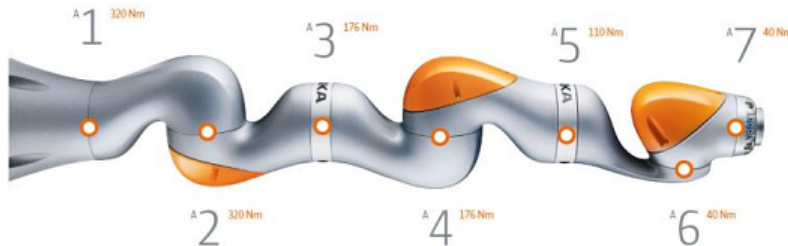
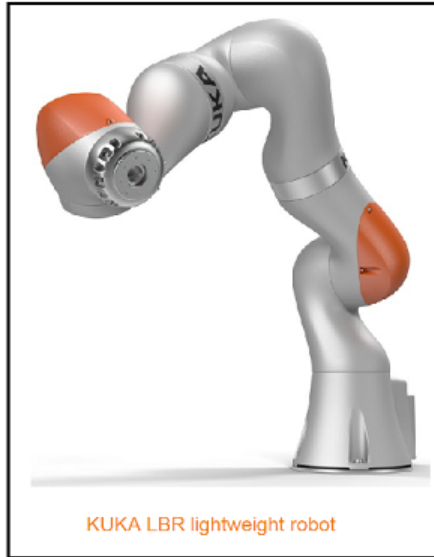
- Six-axis robots in virtually all sizes with different payload capacities
- HRC-capable **lightweight robots** for **direct human-robot collaboration**
- **Heat- and dirt-resistant robots** for **extreme ambient conditions**
- **Press-to-press robots** with **enormous reaches** for loading and unloading large parts
- **Palletizing robots** for **handling tasks of all kinds**
- **Welding robots** designed for accuracy and **utmost agility**
- **Shelf-mounted robots** in all variants



KUKA. Positioners

KUKA 1, 2 and 3 axis positioners

- Large portfolio of positioners available as standard product
- Support for payloads from 250 kg – 6000 kg
- Standard KUKA motor and gear sets for accuracy and longevity
- KUKA electronic mastering for accurate and quick mastering
- Long maintenance intervals
- KUKA Standard sized controller supports up to three external axes



LBR iiwa by KUKA



Overview

The LBR iiwa (intelligent industrial work assistant) is a lightweight, high-performance robotics arm. The iiwa is sensitive and can quickly detect contact, allowing it to handle delicate components and negate crushing and shearing hazards. This all allows the iiwa to safely work alongside humans in highly-sensitive tasks.

Technical Specifications

System Parameter	LBR iiwa7 R800	LBR iiwa 14 R280
Category	Small Robots (3-10 kg)	Small Robots (3-10 kg)
Payload	7 kg	14 kg
Total Load	7 kg	14 kg
Maximum Reach	800 mm	820 mm
Number of Controlled Axes	7	7
Position Repeatability	±0.1 mm	±0.15 mm
Weight	22 kg	30 kg
Mounting Positions	Ceiling/Floor/Wall	Ceiling/Floor/Wall
Ambient Temperature	5 °C to + 45 °C	5 °C to + 45 °C
Controller	KUKA Sunrise Cabinet	KUKA Sunrise Cabinet
Protection Class	IP 54	IP 54

Mobile robots
KUKA Robotics



KMR iiwa
KUKA Robotics



KMP 1500
KUKA Robotics



KUKA Omnidirectional



KUKA omniMove
KUKA Robotics

