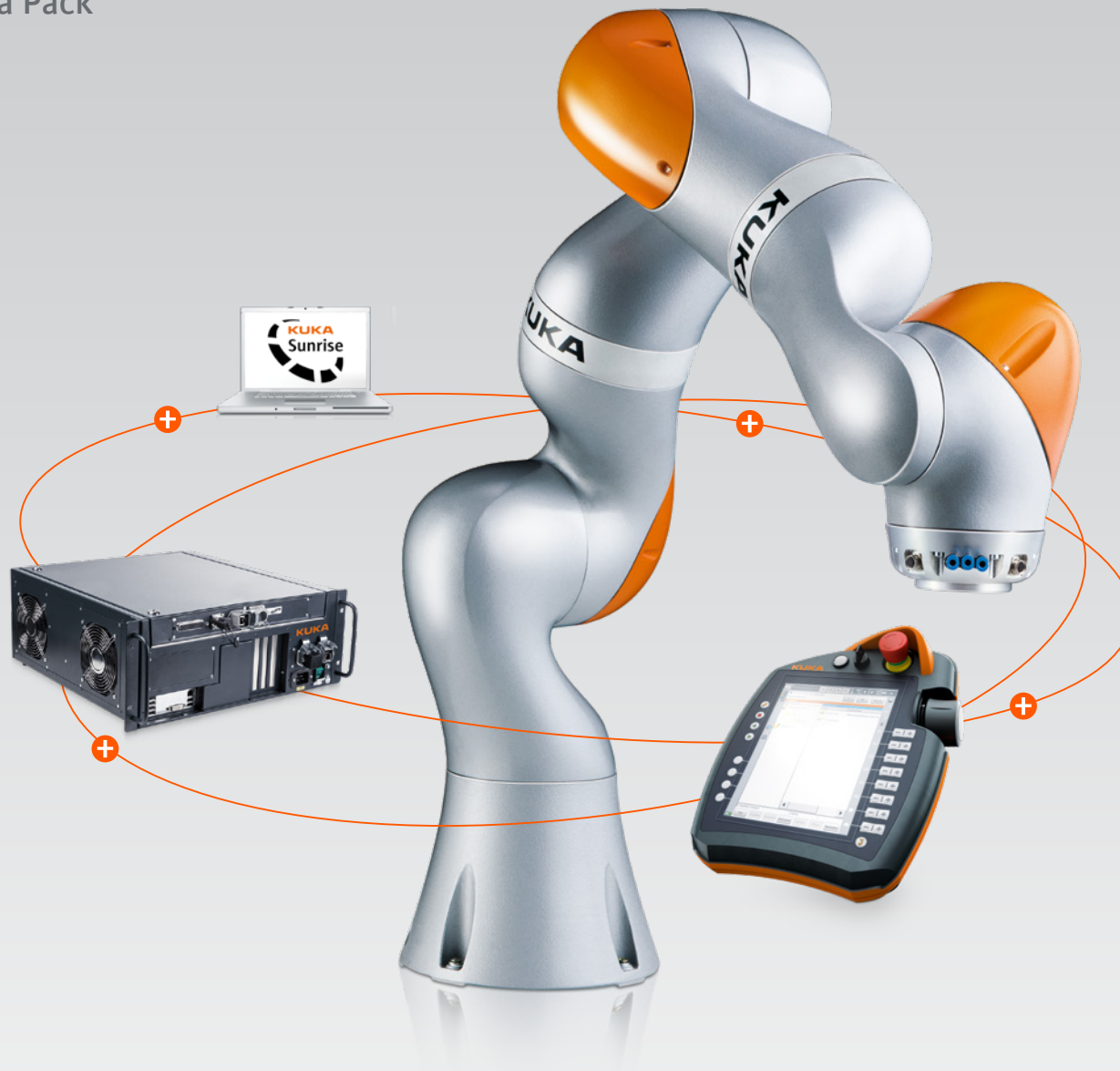


# KUKA



Ready Packs\_LBR iiwa Pack





## Welcome to our Priority Delivery Line

**Delivery in three weeks for a high-performance package made to measure – the KUKA Ready Packs make it happen.** Based on your requirement profile, choose a model from our service-proven robot families, a preconfigured controller, a control panel and software with the desired accessories – and get an unbeatable team.

As preconfigured package solutions, the KUKA Ready Packs combine selected, high-capability KUKA products with short delivery times\* and the best terms – all this in service-proven KUKA quality. For detailed information on the models of the KUKA Ready Packs, visit our website at [kuka.com/ready\\_packs](https://kuka.com/ready_packs)

LBR iiwa Packs are available with the following LBR iiwa models:

- LBR iiwa 14 R820 Media-Flange Electric
- LBR iiwa 14 R820 Media-Flange Touch Pneumatic



**LBR iiwa**  
The intelligent industrial assistant with 100% KUKA quality: As the first sensitive robot suitable for human-robot collaboration, the LBR iiwa is opening up new areas that were previously closed to automation.

**KUKA smartPAD**  
The simplest, most ergonomic operator control and context-specific screens: With the KUKA smartPAD, you intuitively and efficiently control your robot colleague.

**KUKA Sunrise Cabinet**  
Maximum performance, low space requirement: The KUKA Sunrise Cabinet is the control center of your LBR iiwa Pack; reliable, scalable and easy to integrate. Open to meet tomorrow's requirements.

**Function and technology packages**  
More intuitive and user-friendly than ever before: Select your software package with the LBR iiwa Pack and start your journey into a new dimension of automation.

\* Incoterms: Delivered at Terminal (DAT), Delivered at Place (DAP)



## Technical data

**LBR iiwa 14 R820**

|   |                    |
|---|--------------------|
| Rated payload                                     | 14 kg              |
| Number of axes                                    | 7                  |
| Mounting flange A7                                | DIN ISO 9409-1-A50 |
| Installation position                             | any                |
| Repeatability (ISO 9283)                          | ± 0.15 mm          |
| Axis-specific torque accuracy (of maximum torque) | ± 2 %              |
| Weight  | 29.5 kg            |
| Protection rating of the robot                    | IP54               |

**KUKA Sunrise Cabinet**

|  |                              |
|--|------------------------------|
| Processor                              | Quad-Core-Processor          |
| Hard drive                             | SSD                          |
| Interfaces                             | USB3, EtherNet, DVI-I        |
| Protection rating                      | IP20                         |
| Dimensions (D × W × H)                 | 500 mm × 483 mm × 190 mm     |
| Weight                                 | 23 kg                        |
| Rated supply voltage                   | AC 110 V – 230 V             |
| Permissible tolerance of rated voltage | ± 10 %                       |
| Mains frequency                        | 50 Hz ± 1 Hz or 60 Hz ± 1 Hz |
| Mains-side fusing                      | 2 × 16 A slow-blowing        |

Media Flange Selection Matrix

|  | Electric | Touch pneumatic |
|--|----------|-----------------|
| Interface for CAT5 and analogue signals (4-pin)  | ●        |                 |
| Interface for CAT5 and analogue signals (6-pin)  | ●        |                 |
| Interface for power supply (3 A, 24 V) no external source needed                                 |          | ●               |
| Interface for power supply (max. 4 A, max. 60 V) with external source                            |          |                 |
| Interface for power supply (max. 5 A, max. 60 V) with external source                            | ●        |                 |
| Interface for power supply (max. 8 A, max. 30 V) with external source                            |          |                 |
| Interface for power supply (max. 8 A, max. 60 V) with external source                            | ●        |                 |
| Pneumatic interface with 2 compressed air connections  |          | ●               |
| EtherCAT connection  |          | ●               |
| Configurable inputs and outputs for direct connection of sensors and other electrical components |          | ●               |
| Enabling switch, programmable application button, programmable visual indication (LED)           |          | ●               |
| Handle for manual guidance   |          | ●               |
| Intelligent pneumatic interface: 2 integrated bistable valves and an additional air connection   |          |                 |

\* Incoterms: Delivered at Terminal (DAT), Delivered at Place (DAP)