

KUKA



LBR iisy


The cobot for a new era



[_Cobots](#)

 **LBR iisy.**
The cobot for
a new era.



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Based on KUKA's next generation operating system, iiQKA.OS, the LBR iisy cobot experience is user-friendly, well-thought-out and straightforward for a wide range of industries with applications that require precise, fast and sensitive activities.

With its new, user-friendly software, the LBR iisy can be operated immediately by anyone, from automation experts to

cobot newcomers. This makes the robot equally at home in complex automation environments and in unstructured environments where it interacts with workers. And the best part: LBR iisy is ready for use in a matter of minutes, from unpacking to productive work.

LBR iisy can also work without safety fences, directly with human operators and can be handguided smoothly with

the commander input device on the end of the robot arm to help simplify setup and programming.

As the first robot running on iiQKA.OS, LBR iisy sets new standards for easy, straightforward and intuitive integration into production landscapes.

Flexible, intuitive to use, fast to implement and safe in direct contact with human colleagues – the LBR iisy is an all-around cobot for automated production. It combines the know-how, precision and reliability of industrial automation with the intuitive flexibility of a smart device.

In order for robots to be more usable in more applications than ever before, automating tasks should be one thing above all else: simple. This is the mantra of KUKA's new cobot running on iiQKA.OS and supported by the iiQKA Ecosystem.

Intuitive. Simple programming with smooth handguiding

Collaborative. Enables direct, fence-free collaboration with humans

Sensitive. Detects collisions and measures process forces

Flexible. Simple installation of components, fast re-use in new applications



Flexible. Flexible robot system due to easy operation and programming, as well as low weight and many pre-configured elements



Suitable for industry. Fully industrial cobot through the use of proven technologies




Fast time to production. Ready to use from unboxing within a matter of minutes – and just as quick to get ready for new applications



LBR iisy	LBR iisy 3 R760	LBR iisy 6 R1300	LBR iisy 8 R930	LBR iisy 11 R1300	LBR iisy 15 R930
Controller	KR C5 micro	KR C5 micro	KR C5 micro	KR C5 micro	KR C5 micro
Number of axes	6	6	6	6	6
Rated payload	3 kg	6 kg*	8 kg*	11 kg	15 kg
Reach	760 mm	1,300 mm	930 mm	1,300 mm	930 mm
Pose repeatability	±0.1 mm	±0.1 mm	±0.1 mm	±0.1 mm	±0.1 mm
Weight	22.8 kg	46.3 kg	43.2 kg	46.3 kg	43.2 kg
Variants	–	–	–	–	–
Installation position	Floor, ceiling, wall, angle	Floor, ceiling, wall, angle	Floor, ceiling, wall, angle	Floor, ceiling, wall, angle	Floor, ceiling, wall, angle
Software	iiQKA.OS	iiQKA.OS	iiQKA.OS	iiQKA.OS	iiQKA.OS

* estimate



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