



○ KUKA KR 1000 TITAN

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POWER MEETS PERFECTION





1 ROBOT FLANGE

Payloads of 1.000 kg can be moved

2 MATERIAL

Ductile cast iron guarantees maximum stability

3 MOTORS

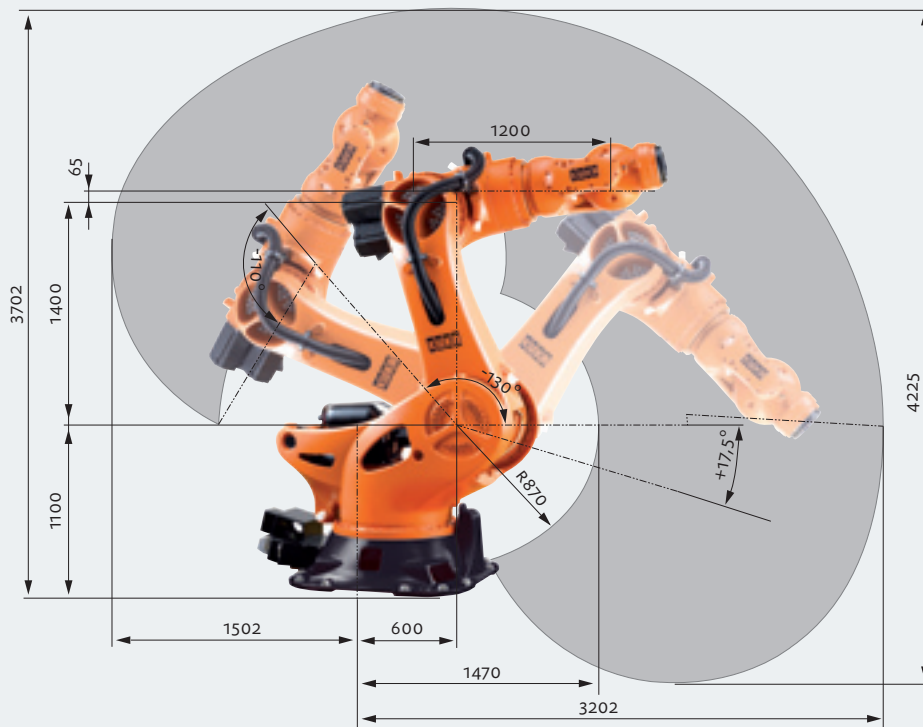
Twin drives in main axes 1,2 and 3 ensure maximum dynamics

4 KINEMATICS

The open 6-axis kinematic chain allows a large work envelope and maximum flexibility

5 REACH

A vertical reach of up to 5 m is possible



ROBOT WRIST



KUKA CONTROL PANEL (KCP)



DOUBLE SERVMOTOR

ROBOTICS PIONEER

When you opt for KUKA robots, you can be sure you're making the right choice. Whatever field of application you choose, KUKA has the optimal robot. Thanks to our core competencies in development and production and our expertise in controllers and software, KUKA gives you solutions today that will still be demonstrating their efficiency in the world of tomorrow.

MORE DYNAMIC THROUGH INNOVATION

CAD- and FEM-optimized assemblies, made predominantly from robust ductile cast iron, give the robot high torsional and flexural strength. The innovative drive concept with nine integrated motors allows dynamics and velocities that were hitherto considered unattainable for this payload category.

SERVICE-PROVEN CONTROLLER

With the Windows-based KUKA controller KR C2, you benefit from technology that has been service-proven thousands of times, and which will simplify the installation, commissioning and programming of your robot. The new drive concept of the KUKA KR 1000 with its nine integrated motors also uses the KR C2 for its control and power supply.

TOP PRECISION IN PRODUCTION

Innovative mechatronics and finely tuned control loops in the kinematic system achieve repeatabilities that are proof of KUKA quality.

FIRST-CLASS SERVICE

The KUKA team advises and supports you to develop the optimal solution. Our close-knit service network and extremely fast response

times guarantee maximum availability throughout the entire service life. Your employees are trained for success in KUKA College courses.

WHERE OTHERS CAN'T TAKE THE HEAT, THE KR 1000 FOUNDRY KEEPS ITS COOL

Heavy loads, complex work processes and high temperatures: the Foundry version of the KR 1000 TITAN is designed for use in foundries, steel works and rolling mills. It gives full service when handling the heaviest components, even when your production really heats up. The KUKA Foundry version withstands high temperatures in foundries and similar environments reliably and safely. This is guaranteed by abrasion- and heat-resistant paintwork, special seals, and the Foundry wrist with a protection rating of IP 67.

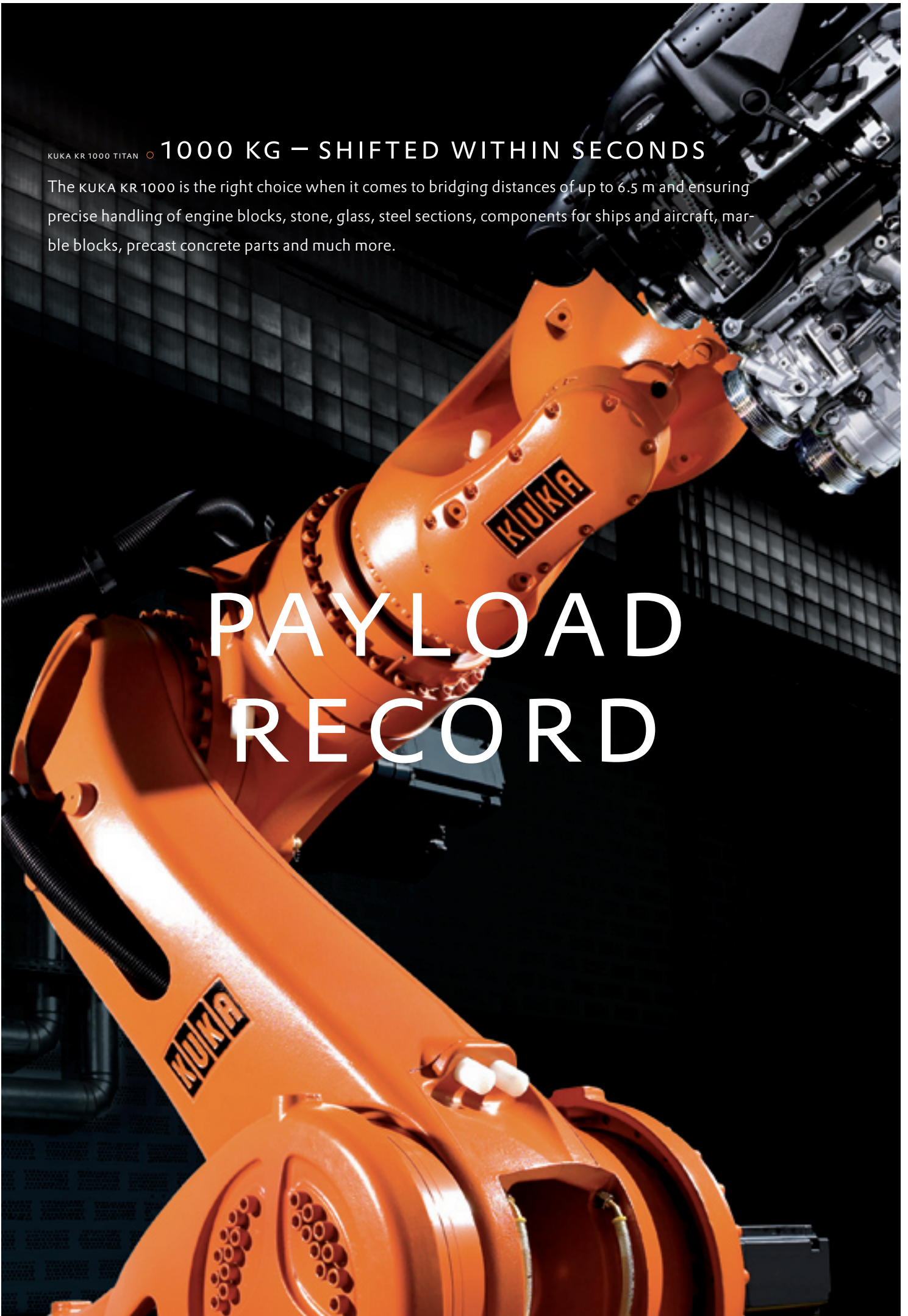
KR 1000 TITAN

Payload	1,000 kg
Number of axes	6
Mounting position	Floor
Repeatability (ISO 9283)	± 0.2 mm
Weight (excl. controller) approx.	4,700 kg

KUKA KR 1000 TITAN ○ 1000 KG — SHIFTED WITHIN SECONDS

The KUKA KR 1000 is the right choice when it comes to bridging distances of up to 6.5 m and ensuring precise handling of engine blocks, stone, glass, steel sections, components for ships and aircraft, marble blocks, precast concrete parts and much more.

PAYLOAD RECORD



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