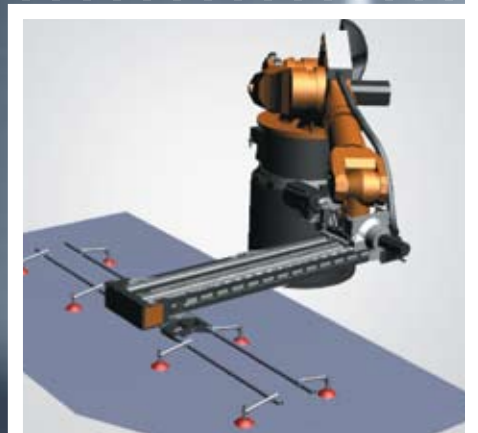
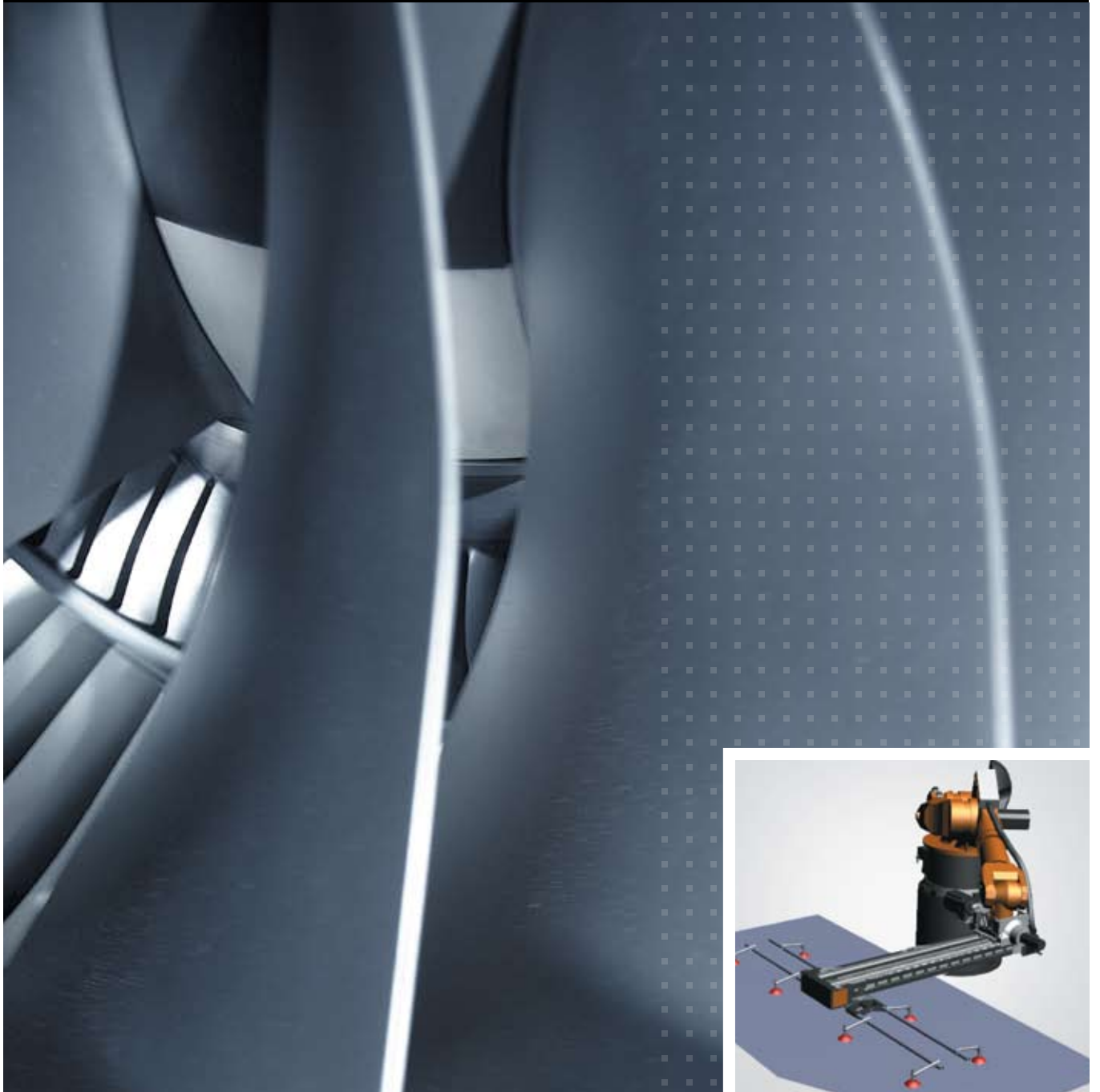


KUKA

KUKA Industrial Solutions

KUKA COBRA



■ KUKA COBRA

Plunges in with lightning speed and grips on tight – the KUKA COBRA. In this new complete system for press automation, the gripper is swiveled horizontally, resulting in greater freedom of motion and greater flexibility in the press.

The higher velocities are achieved by superimposing the axes of the robot and linear system while simultaneously reducing the mass of the loads moved. The KUKA COBRA offers a maximum output of up to 18 workpieces per minute. The flexible, linear workpiece transfer from press to press is carried out using freely programmable motion curves. The maximum combined weight of the gripper and workpiece that can be picked up is 100 kg. The transfer unit can be fitted with all commonly-used tooling with the aid of a standardized adapter plate.

To ensure high output performance, the KS PressTec system software and a workpiece handling function package are fully integrated.



SCOPE OF SUPPLY

- Robot incl. controller
- Linear axis with swivel axis on robot wrist axis 6
- Customer-specific tooling interface

FUNCTION PACKAGE OPTIONS

- Up to 4 vacuum ejectors with diagnostic function
- Up to 3 additional motions with monitoring
- Manual or automatic tooling coupling
- Tooling coding by means of pin or RFID
- Up to 4 integrated double-blank sensors
- All energy and fluids lines up to the gripper interface
- Preventive diagnostic functions

The specifications do not refer to a single robot system and are not part of a quotation; they merely serve to enable comparison between the different systems. Further up-to-date information about the individual robot systems can be obtained from your KUKA Press-Automation Team. No liability accepted for errors and omissions in these technical data. Specifications regarding the characteristics and usability of the products do not constitute a warranty of properties. They are intended to serve informative purposes only. Some items of equipment depicted in the illustrations are optional, and are not included in the standard scope of supply. Solely the respective contract of sale shall be binding in respect of the extent of our supplies.

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International

Benelux | Brazil | China | France | Germany | India | Mexico
Norway | Russia | Slovakia | South Korea | Sweden | UK | USA

TECNICAL DATA

KUKA COBRA 100

■ Max. payload	100 Kg
■ Number of axes	8
■ Installation position	floor / ceiling
■ Weight	2,850 kg
■ Installed motor power	50.8 kW
■ Connected load	19.5 kW
■ Transfer principle	linear
■ Min. distance between presses	5,200 mm
■ Max. distance between presses	8,500 mm
■ Reach (intersection point, axis 5)	2,772 mm
■ Max. workpiece velocity with 100 kg	6.5 m/s
■ Max. acceleration in Y	14 m/s ²
■ Travel length in Y	1800 mm
■ Gripper swivel range	+/- 15°

For more details contact us at pressautomation@kuka.de or call + 49 821 797-2495.

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