

# KUKA

KUKA Industrial Solutions

## KUKA TRANSPRESSOR™



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The KUKA TRANSPRESSOR™ is a complete system based on high-performance components. Characteristic of the KUKA TRANSPRESSOR™ is the carbon fiber arm with the offset axis 6 of the robot. This axis arrangement enables the TRANSPRESSOR™ to perform quick, stable and linear transfer of workpieces, as axis 6 is directly above the workpiece and thus centrally positioned at the center of gravity of the load. The complete package includes adapted electrical and pneumatic interfaces, adaptation of the KS PressTec system software and a fully integrated function package for component handling. The function package is available in 4 versions with vacuum ejectors, and optionally with gripper coding and auxiliary valves. All energy and fluids lines are pre-installed up to the customer-specific gripper interface.

### SCOPE OF SUPPLY

- Robot including controller
- Optimized controller interface for connection to press lines
- KS PressTec system software
- Function package in various versions for component handling
- 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 2 integrated double-blank sensors

TECHNICAL DATA	TRANSPRESSOR 60™	TRANSPRESSOR 75™	TRANSPRESSOR 100™	TRANSPRESSOR 100A™
■ Max. payload on offset axis 6	60 kg	75 kg	100 kg	100 kg
■ Number of axes	6	6	6	6
■ Installation position	Floor / Ceiling	Floor / Ceiling	Floor	Floor
■ Weight	1,550 kg	1,550 kg	2,500 kg	2,500 kg
■ Installed motor power	21.6 kW	21.2 kW	41.0 kW	41.0 kW
■ Connected load	13.5 kW	13.5 kW	13.5 kW	19.5 kW
■ Transfer principle	linear	linear	linear	linear
■ Min. distance between presses	5,500 mm	5,200 mm	5,800 mm	5,800 mm
■ Max. distance between presses	8,500 mm	7,900 mm	8,500 mm	8,500 mm
■ Reach (intersection point, axis 5)	3,500 mm	3,500 mm	3,500 mm	3,500 mm

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 PressAutomation 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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# KUKA

### International

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