

KUKA

KUKA Automotive Solutions

KS FRAMER



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PERFECT PRECISION – THE KUKA FRAMING STATION

With the framing station, KUKA has developed a product which fully satisfies the requirements with regard to precision and geometry, and which can be easily adapted to different tasks due to its modular design.

The central component is a geometry box, in which the underbody and the clamping frames holding the side panels and roof elements are precisely located. Depending on the specific configuration, 4 to 8 robots are employed to join the body parts in the framing station. The robot mounting bases are mechani-

cally isolated from the geometry box to prevent the transmission of vibrations.

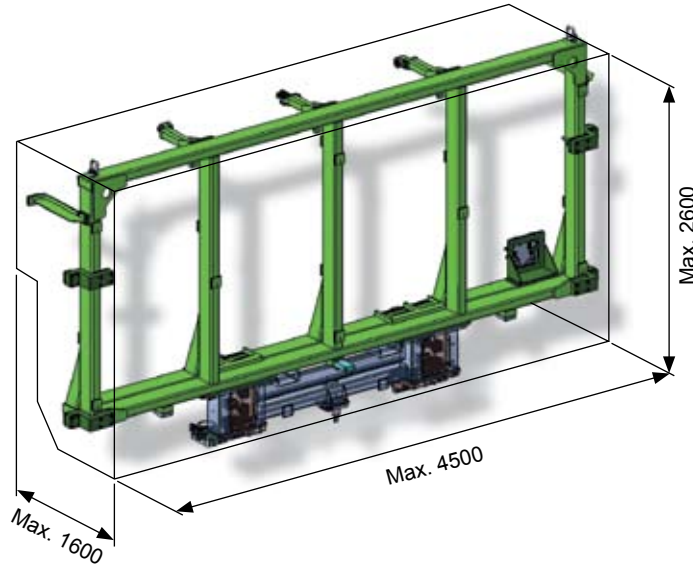
An important feature of the KUKA framing station are the mobile clamping frames, which can be positioned on a linear unit. This means that different clamping frames for various vehicle models can be used in the framing station.

The clamping frames for 3-6 vehicle models are stored in clamping frame magazines with a horizontal axis.

All drives are mounted in a stationary position.

| TECHNICAL DATA | |
|---|--|
| ■ Weight of clamping frame: | Max. 2500 kg |
| ■ Size of clamping frame: | H: max. 2600, W: max. 1600, L: max. 4500 |
| ■ Space requirement with a total of 6 models: | 12 x 22 m |
| ■ Time for clamping frame change: | Max. 23 s |
| ■ Motor of X and Y axes: | SEW asynchronous servomotor |

MAXIMUM SIZE OF THE CLAMPING FRAME



Specifications regarding the quality and usability of the products do not constitute a warranty of properties. They are intended to serve informative purposes only. Solely the respective contract of sale shall be binding in respect of the extent of our supplies and services.

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