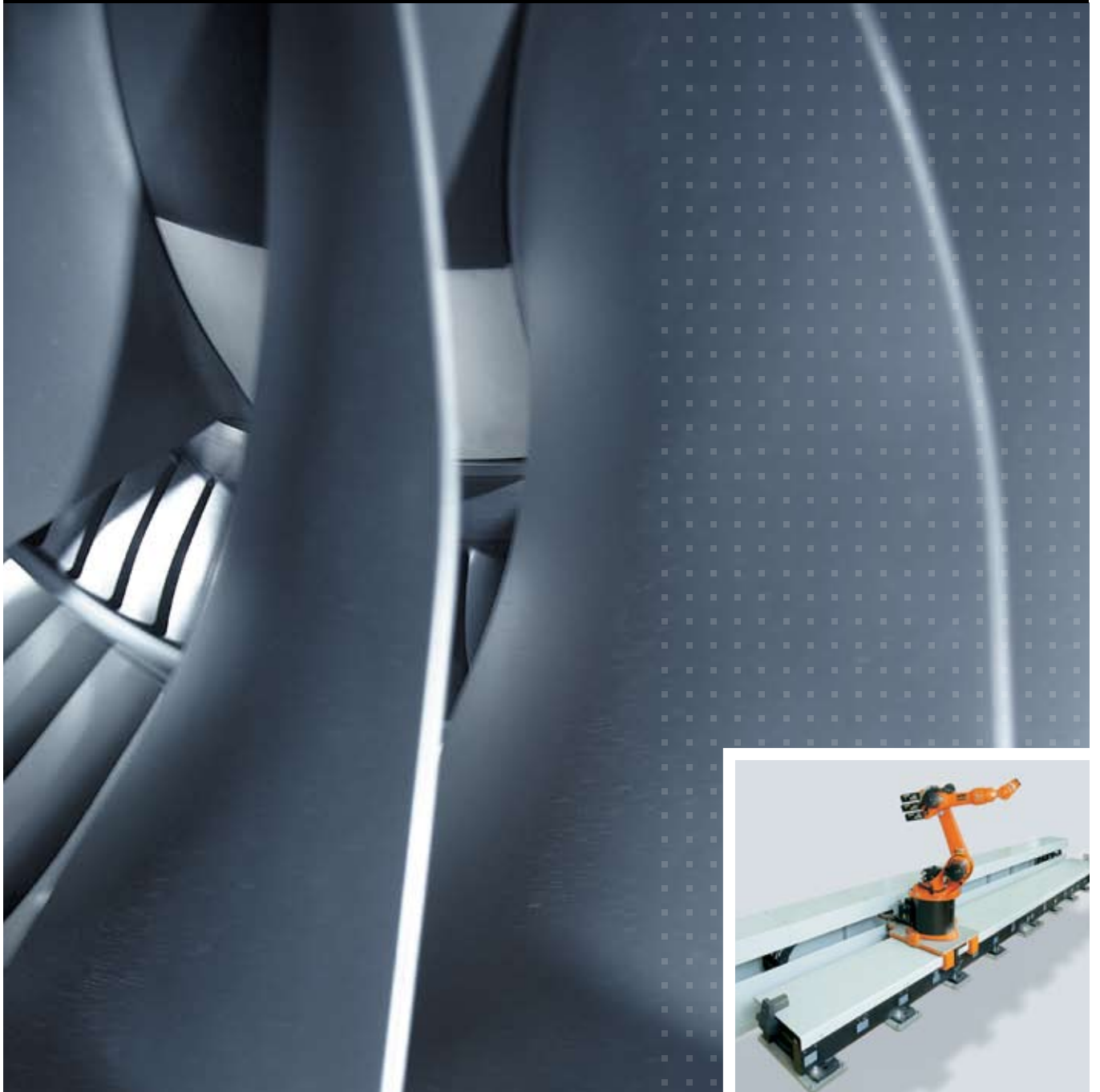


# KUKA

KUKA Industrial Solutions

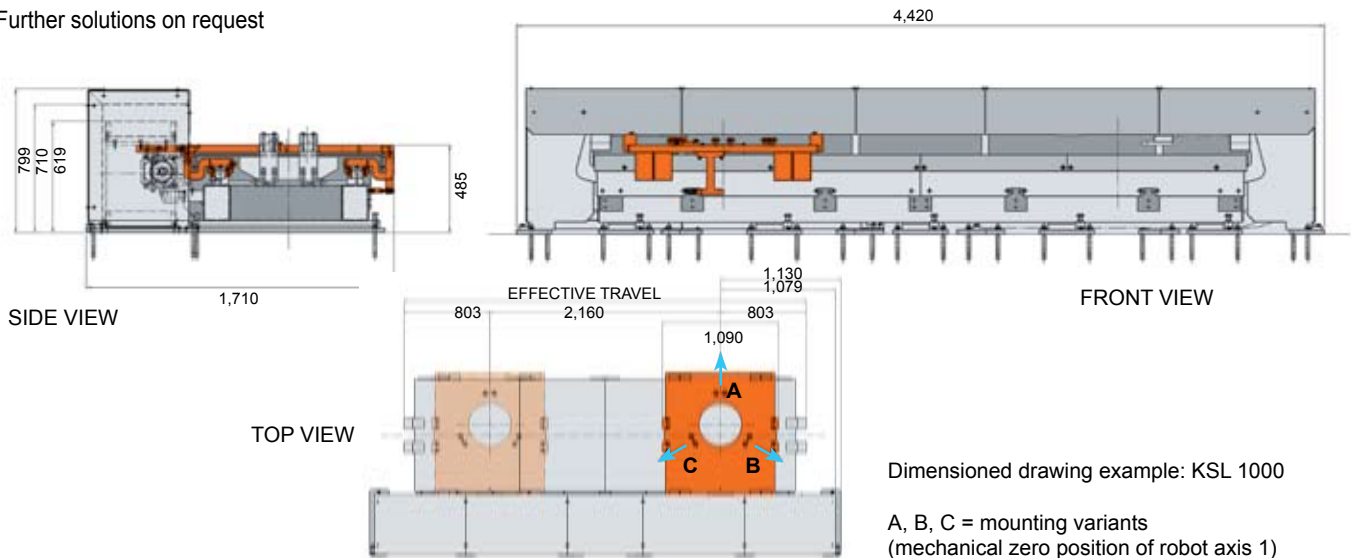
## KS LINEAR UNIT



## ■ KS LINEAR UNIT

TECHNICAL DATA	KSL 500	KSL 1000	KSL 1000-R	KSL 2000	KSL 2000-S
■ Linear axis designed for robot series:	KR 6 KR 16	KR 30-3 KR 60-3	KR 150-2, KR 240-2 KR 100 HA KR 200 comp	KR 150-2, KR 240-2 KR 120-2 P	KR 360-2 KR 500-2
■ Mounting position:	Floor / ceiling	Floor / ceiling	Floor	Floor	Floor
■ Static payload, carriage:	500 kg	1,000 kg	1,800 kg	2,000 kg	2,800 kg
■ Basic unit with carriage:	1,450 kg	1,850 kg	2,250 kg	3,400 kg (travel 2,700 mm)	3,400 kg (travel 2,700 mm)
■ Rated travel:	1,680-20,000 mm*	2,160-30,000 mm*	1,920-30,000 mm*	1,500-20,000 mm*	1,500-20,000 mm*
■ Max. traversing velocity:	2 m/s	1.5 m/s	1.5 m/s	1.9 m/s	1.9 m/s
■ Max. acceleration:	4 m/s <sup>2</sup>	4 m/s <sup>2</sup>	3.3 m/s <sup>2</sup>	1.3 m/s <sup>2</sup>	2.3 m/s <sup>2</sup>
■ Power transmission:	Helical-toothed rack	Helical-toothed rack	Helical-toothed rack	Helical-toothed rack	Helical-toothed rack
■ Repeatability:	+/- 0.1 mm	+/- 0.1 mm	+/- 0.1 mm	+/- 0.1 mm	+/- 0.1 mm
■ Booster frame:	Max. 500 mm	Max. 500 mm	0 mm	Max. 500 mm	-
■ Drive:	Powerful AC servomotors are controlled as an external robot axis. Individual drive concepts can easily be implemented.				
■ Options:	Additional carriage, range monitoring, booster frame, 2-component paint				

\* Further solutions on request



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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