

KR 1000 1300 titan PA-F

Workspace graphic



Technical data

Maximum reach	3202 mm
Maximum payload	
Rated payload	1300 kg
Rated supplementary load, rotating column / link arm / arm	0 kg / 0 kg / 50 kg
Pose repeatability (ISO 9283)	± 0.1 mm
Number of axes	4
Mounting position	Floor
Footprint	-
Weight	approx. 4690 kg

Axis data

Motion range	
A1	±150 °
A2	-130 ° / 17.5 °
A3	62 ° / 145 °
A4	-
A5	±118 °
A6	±350 °
Speed with rated payload	
A1	58 °/s
A2	50 °/s
A3	50 °/s
A4	-
A5	60 °/s
A6	72 °/s

Operating conditions

Ambient temperature during operation	5 °C to 55 °C (278 K to 328 K)
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Protection rating

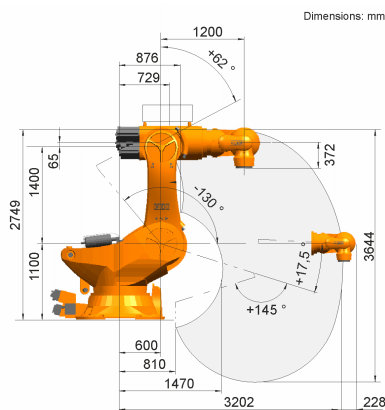
Protection rating (IEC 60529)	IP65
Protection rating, robot wrist (IEC 60529)	IP67

Controller

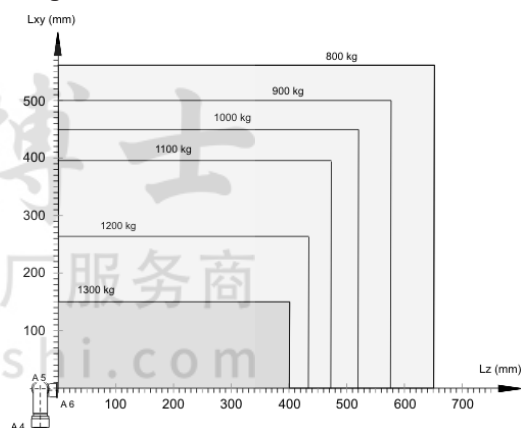
Controller KR C4

Teach pendant

Teach pendant	KUKA smartPAD
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Payload diagram



The KR 1000 1300 titan PA-F is designed for a rated payload of 1300 kg in order to optimize the dynamic performance of the robot. With reduced load center distances, higher loads up to the maximum payload may be used. The specific load case must be verified using KUKA.Load. For further consultation, please contact KUKA Support.

Mounting flange

