



TruLaser Weld 1000

Technical data

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AXIS DATA

TYPE	Industrial robot KUKA KR 10
NUMBER OF AXES	6
RANGE	1100 mm
POSITION REPEATABILITY	± 0.02 mm

LASER-SPECIFIC DATA

TYPE	Solid-state laser
MAXIMUM LASER POWER	3000 W
PROCESSING OPTICS	BEO D35

PNEUMATIC ROTARY AXES (OPTION)

OWN WEIGHT	43 kg
LOAD (VERTICAL)	250 kg
TORQUE (AT 6 BAR)	58.9 Nm
LOAD INERTIA	2.5 kg*m ²

DIMENSIONS, WEIGHTS

CABIN DIMENSIONS	3605 mm x 2454 mm x 2818 mm
WEIGHT	3850 kg

WORK AREA

WORK TABLE CARRYING CAPACITY	1000 kg
TYPICAL MAXIMUM PART SIZE (WITH OPEN TELESCOPIC CENTER SEPARATION)	2000 mm x 600 mm x 600 mm
TYPICAL MAXIMUM PART SIZE (WITH CLOSED EXTENDIBLE PARTITION WALL AND ROTARY AXIS PACKAGE)	600 mm x 600 mm x 600 mm
TYPICAL MAXIMUM PART SIZE (WITH CLOSED TELESCOPIC CENTER SEPARATION)	500 mm x 600 mm x 600 mm

Subject to changes. The details in our offer and order confirmation are definitive.