



TruLaser Cell 5030 Hotforming Edition

Technical data



TruLaser Cell 5030 Hotforming Edition

AXIS TRAVEL RANGE

MAXIMUM NUMBER OF AXES	5
X AXIS TRAVEL RANGE	3300 mm
Y AXIS TRAVEL RANGE	1500 mm
Z AXIS TRAVEL RANGE	600 mm
B AXIS TRAVEL RANGE	$\pm 135^\circ$
C AXIS TRAVEL RANGE	$n \times 360^\circ$

MAXIMUM WORKPIECE SIZE

MAXIMUM WORKPIECE SIZE IN X	2840 mm
MAXIMUM WORKPIECE SIZE IN Y	1040 mm
MAXIMUM WORKPIECE SIZE IN Z	370 mm

MAXIMUM AXIS SPEEDS

MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN X	60 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Y	60 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Z	60 m/min
MAXIMUM AXIS SPEED, SIMULTANEOUS	104 m/min
MAXIMUM AXIS SPEED OF B AXIS	60 1/min
MAXIMUM AXIS SPEED OF C AXIS	60 1/min

MAXIMUM AXIS ACCELERATIONS

MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN X	6.5 m/s^2
MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN Y	6.5 m/s^2
MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN Z	6.5 m/s^2
MAXIMUM AXIS ACCELERATION, SIMULTANEOUS	12.1 m/s^2
MAXIMUM AXIS ACCELERATION OF B AXIS	200 rad/s^2
MAXIMUM AXIS ACCELERATION OF C AXIS	100 rad/s^2

POSITIONING ACCURACY

POSITIONING ACCURACY OF LINEAR AXES (X, Y, Z)	0.08 mm
POSITIONING ACCURACY OF ROTARY AXES (B)	0.015°

LASER

MAXIMUM LASER POWER	3000 W - 4000 W
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ROTATIONAL CHANGER AUTOMATION

MAXIMUM LOADING PER SIDE	300 kg
WORK STATIONS	2
TYPICAL TOTAL NON-PRODUCTIVE TIME	4.8 s
TYPICAL ROTATION TIME	2.5 s
DIAMETER OF ROTARY PLATE	4000 mm
WORKING HEIGHT	700 mm

Subject to changes. The information in our offer and our order confirmation is definitive.