



TruLaser Cell 8030

Technical data

TruLaser Cell 8030

AXIS TRAVEL RANGE

MAX. NUMBER OF AXES	12
X AXIS TRAVEL RANGE	3000 mm
Z AXIS TRAVEL RANGE	600 mm
B AXIS TRAVEL RANGE	$\pm 135^\circ$
C AXIS TRAVEL RANGE	$n \times 360^\circ$
AXIS TRAVEL RANGE OF DYNAMIC CUTTING OPTICS	± 10 mm

MAX. SIZE OF WORKPIECE

MAX. SIZE OF WORKPIECE IN X	2540 mm
MAX. SIZE OF WORKPIECE IN Y	-
MAX. SIZE OF WORKPIECE IN Z	370 mm

MAXIMUM AXIS SPEEDS

MAX AXIS SPEED, AXIALLY PARALLEL IN X	100 m/min
MAX AXIS SPEED, AXIALLY PARALLEL IN Y	100 m/min
MAX AXIS SPEED, AXIALLY PARALLEL IN Z	100 m/min
MAX. AXIS SPEED, SIMULTANEOUS	173 m/min
MAX AXIS SPEED OF B AXIS	90 RPM
MAX AXIS SPEED OF C AXIS	90 RPM

MAX. AXIS ACCELERATION

MAX. AXIS ACCELERATION, AXIALLY PARALLEL IN X	10 m/s ²
MAX. AXIS ACCELERATION, AXIALLY PARALLEL IN Y	10 m/s ²
MAX. AXIS ACCELERATION, AXIALLY PARALLEL IN Z	10 m/s ²
MAX. AXIS ACCELERATION, SIMULTANEOUS	17.3 m/s ²
MAX. AXIS ACCELERATION OF B AXIS	200 rad/s ²
MAX. AXIS ACCELERATION OF C AXIS	100 rad/s ²
MAX. AXIS ACCELERATION, DYNAMIC CUTTING OPTICS	40 m/s ²

POSITIONING ACCURACY

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

LASERS

MAX. LASER OUTPUT	2000 W - 4000 W
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