



TruLaser Cell 7040

Technical data

**TruLaser Cell 7040
CO₂****TruLaser Cell 7040
fiber****AXIS TRAVEL RANGE**

X AXIS TRAVEL RANGE	4000 mm	4000 mm
Y AXIS TRAVEL RANGE	1500 / 2000 mm	1500 / 2000 mm
Z AXIS TRAVEL RANGE	750 mm	750 mm
B AXIS TRAVEL RANGE	± 135 °	± 135 °
C AXIS TRAVEL RANGE	n x 360 °	n x 360 °
AXIS TRAVEL RANGE OF DYNAMIC CUTTING OPTICS	± 9 mm	± 9 mm

MAXIMUM AXIS SPEEDS

MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN X	100 m/min	100 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Y	100 m/min	100 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Z	100 m/min	100 m/min
MAXIMUM AXIS SPEED, SIMULTANEOUS	173 m/min	173 m/min
MAXIMUM AXIS SPEED OF B AXIS	90 1/min	90 1/min
MAXIMUM AXIS SPEED OF C AXIS	90 1/min	90 1/min

**MAXIMUM AXIS
ACCELERATIONS**

MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN X	9 m/s ²	9 m/s ²
MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN Y	10 m/s ²	10 m/s ²
MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN Z	10 m/s ²	10 m/s ²
MAXIMUM AXIS ACCELERATION OF B AXIS	200 rad/s ²	200 rad/s ²
MAXIMUM AXIS ACCELERATION OF C AXIS	100 rad/s ²	100 rad/s ²
MAXIMUM AXIS ACCELERATION, DYNAMIC CUTTING OPTICS	40 m/s ²	40 m/s ²

POSITIONING ACCURACY

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

LASER

MAXIMUM LASER POWER	3000 W - 6000 W	2000 W - 5000 W
AVAILABLE LASERS	TruFlow	TruDisk

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

1 — Other optics configurations are available on request.