



TruLaser Cell 3000

Technical data



TruLaser Cell 3000

AXIS TRAVEL RANGE

X AXIS TRAVEL RANGE	800 mm
Y AXIS TRAVEL RANGE	600 mm
Z AXIS TRAVEL RANGE	400 mm
B AXIS TRAVEL RANGE	± 135 °

MAXIMUM AXIS SPEEDS

MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN X	50 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Y	50 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Z	50 m/min
MAXIMUM AXIS SPEED, SIMULTANEOUS	85 m/min
MAXIMUM AXIS SPEED OF B AXIS	120 1/min

MAXIMUM AXIS ACCELERATIONS

MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN X	10 m/s ²
MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN Y	10 m/s ²
MAXIMUM AXIS ACCELERATION, AXIALLY PARALLEL IN Z	10 m/s ²
MAXIMUM AXIS ACCELERATION, SIMULTANEOUS	17 m/s ²
MAXIMUM AXIS ACCELERATION OF B AXIS	130 rad/s ²

POSITIONING ACCURACY

POSITIONING ACCURACY OF LINEAR AXES (X, Y, Z)	0.015 mm
POSITIONING ACCURACY OF ROTARY AXES (B)	0.02 °

LASER

MAXIMUM LASER POWER	8000 W
AVAILABLE LASERS	TruDisk, TruFiber, TruDiode