



TruLaser Station 5005

Technical data

TruLaser Station 5005

AXIS TRAVEL RANGE

MAXIMUM NUMBER OF AXES	5
X AXIS TRAVEL RANGE	300 mm
Y AXIS TRAVEL RANGE	300 mm
Z AXIS TRAVEL RANGE	500 mm
B AXIS TRAVEL RANGE	$\pm 120^\circ$
C AXIS TRAVEL RANGE	n x 360°

MAXIMUM AXIS SPEEDS

MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN X	6 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Y	6 m/min
MAXIMUM AXIS SPEED, AXIALLY PARALLEL IN Z	6 m/min
MAXIMUM AXIS SPEED, SIMULTANEOUS	10 m/min
MAXIMUM AXIS SPEED OF B AXIS	15 1/min

POSITIONING ACCURACY

POSITIONING ACCURACY OF LINEAR AXES (X, Y, Z)	0.1 mm
POSITIONING ACCURACY OF ROTARY AXES (B)	0.1 $^\circ$

REPEATABILITY

REPEATABILITY OF LINEAR AXES	0.03 mm
REPEATABILITY OF ROTARY AXES (B, C)	0.03 $^\circ$

LASER

MAXIMUM LASER POWER	1000 W
AVAILABLE LASERS	TruDiode, TruDisk, TruFiber, TruMicro (fiber-led), TruPulse