



# TruLaser Station 5005

Technical data

## TruLaser Station 5005

### AXIS TRAVEL RANGE

MAX. 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 $360^\circ$

### MAXIMUM AXIS SPEEDS

MAX AXIS SPEED, AXIALLY PARALLEL IN X	6 m/min
MAX AXIS SPEED, AXIALLY PARALLEL IN Y	6 m/min
MAX AXIS SPEED, AXIALLY PARALLEL IN Z	6 m/min
MAX. AXIS SPEED, SIMULTANEOUS	10 m/min
MAX AXIS SPEED OF B AXIS	15 RPM

### POSITIONING ACCURACY

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

### REPEAT ACCURACY

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

### LASERS

MAX. LASER OUTPUT	1000 W
AVAILABLE LASERS	TruDiode, TruDisk, TruFiber, TruMicro (fiber-led), TruPulse