

## Technical specification

## TG 560 CNC

Axis	Stroke	Resolution	Rapid traverse	Pos. Accuracy
X	560 mm	0.0001 mm	15 m/sec	1.2 $\mu\text{m}$
Y	300 mm	0.0001 mm	15 m/sec	1.2 $\mu\text{m}$
Z	300 mm	0.0001 mm	15 m/sec	1.2 $\mu\text{m}$
B	$\infty$	0.0001 $^{\circ}$	166 Rpm	$\pm 36$ "
C	$\pm 135$ $^{\circ}$	0.0001 $^{\circ}$	2160 $^{\circ}/\text{min}$	$\pm 36$ "

### Workhead, B-axis

Clamping interface	ISO-50
Indexing accuracy	$\pm 36$ "
Cylindrical grinding	166 Rpm
Maximum torque	150 Nm
Maximum tool diameter	300 mm

### Grinding spindle

Spindle speed	0-12000 Rpm
Spindle power up to	11.5 kW
Maximum grindwheel	200 mm

### Measuring probe (Renishaw LP2)

Touch trigger	Proven kinematic design
Unidirectional repeatability	1 $\mu\text{m}$ to 2 $\mu\text{m}$
Interference-resistant	

### CNC Control

Fanuc 0i MB or 30i MB