

DESCRIPTION:	TORNADO SL30 2-axis CNC Lathe	TORNADO SL30MC 3-axis CNC Lathe
CAPACITIES:		
Guideway type	Roller	Roller
Swing over bed	600mm	600mm
Swing over cross slide	400mm	400mm
Maximum cutting diameter	330mm	330mm
Max cutting length	600mm	540mm
Max cutting length - Long bed model	1000mm	940mm
Chuck diameter	200mm (250mm option)	200mm (250mm option)
Bar capacity	65mm	65mm
SPINDLE:		
Max spindle speed	4500rpm	4500rpm
Spindle motor	11.0/15.0kW	11.0/15.0kW
Spindle Nose	A2-6	A2-6
C Axis: Minimum programmable incr.		0.001deg
FEEDRATE:		
Rapid traverse X/Z	36m/min	36m/min
Cutting feed X/Z	10m/min	10m/min
TURRET:		
Type	VDI-40	VDI-40
Tool dimension	25mm	25mm
Boring bar	40mm	40mm
No. of stations	12	12
Live tooling power (turret)	-	5.5kW
Live Tool drive	-	DIN5480
Max speed of live tooling	-	4000rpm
TAILSTOCK: - Machine Option.		
Type	Programmable	Programmable
Quill travel	100mm	100mm
Tailstock travel	570mm / 970mm option	570mm / 970mm option
Quill taper	MT4	MT4

POSITIONING:

Positioning	0.01mm	0.01mm
Repeatability	+/-0.003mm	+/-0.003mm

MACHINE:

Power requirements	30Kva	30Kva
Machine size incl Swarf Conveyor	4277/4677 x 1745mm	4277/4677 x 1745mm
Machine weight	5600kg	5600kg

Standard Accessories:

- FANUC Oi-TF Plus control with 15" Touchscreen and Manual Guide i
- Swarf conveyor and cart
- Status light
- Auto lubrication
- Heat exchanger
- Transformer
- 200mm power chuck
- Parts catcher
- Renishaw manual tool setter
- 20 bar coolant
- Maintenance and Operation Manual