

DESCRIPTION:	TORNADO SL25 2-axis CNC Lathe	TORNADO SL25MC 3-axis CNC Lathe
CAPACITIES:		
Guideway type	Roller	Roller
Swing over bed	530mm	530mm
Swing over cross slide	350mm	350mm
Maximum cutting diameter	350mm	350mm
Max cutting length	400mm	400mm
Chuck diameter	200mm / 8"	200mm / 8"
Draw tube bore	52mm	52mm
SPINDLE:		
Max spindle speed	5000rpm	5000rpm
Spindle motor	11.0kW	11.0kW
Spindle torque	202Nm	202Nm
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-30	VDI-30
Tool dimension	20mm	20mm
Boring bar	32mm	32mm
No. of stations	12	12
Live tooling power (turret)	-	3.7kW
Live Tool drive	-	DIN5480
Max speed of live tooling	-	5000rpm
TAILSTOCK: - Machine Option.		
Type	Manual	Manual
Quill travel	100mm	100mm
Tailstock travel	410mm	410mm
Quill taper	-	-

POSITIONING:

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

MACHINE:

Power requirements	25Kva	25Kva
Machine size incl Swarf Conveyor	3540 x 1500mm	3540 x 1500mm
Machine weight	4000kg	4000kg

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
- 20bar coolant
- Maintenance and Operation Manual