

DESCRIPTION:	TORNADO SL35 2-axis CNC Lathe	TORNADO SL35MC 3-axis CNC Lathe
CAPACITIES:		
Guideway type	Roller	Roller
Swing over bed	660mm	650mm
Swing over cross slide	450mm	450mm
Maximum cutting diameter	450mm	450mm
Max cutting length	600mm - SL35	540mm - SL35MC
Max cutting length - Long bed model	1000mm - SL35L	940mm - SL35LMC
Chuck diameter	250mm (300mm option)	250mm (300mm option)
Bar capacity	78mm	78mm
SPINDLE:		
Max spindle speed	3500rpm	3500rpm
Spindle motor	15.0/18.5kW	15.0/18.5kW
Spindle Nose	A2-8	A2-8
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:		
Type	Programmable	Programmable
Quill travel	100mm	100mm

NEW Colchester Tornado SL35 Series of Turning Centres

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	5800kg / 6700kg L	5800kg / 6700kg LMC

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
- 250mm power chuck
- Parts catcher
- Renishaw manual tool setter
- 20 bar coolant
- Maintenance and Operation Manual