

DESCRIPTION:	TORNADO SL40 2-axis CNC Lathe	TORNADO SL40MC 3-axis CNC Lathe
CAPACITIES:		
Guideway type	Roller	Roller
Swing over bed	750mm	750mm
Swing over cross slide	550mm	550mm
Maximum cutting diameter	550mm	550mm
Max cutting length	950mm on SL40	830mm on SL40MC
Max cutting length - Long bed model	1500mm on SL40L	1380mm on SL40LMC
Chuck diameter	380mm (457mm option)	380mm (457mm option)
Bar capacity	103mm	103mm
SPINDLE:		
Max spindle speed	3500rpm	3500rpm
Spindle motor	30/37kW with gearbox	30/37kW with gearbox
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	BMT65	BMT65
Tool dimension	25mm	25mm
Boring bar	40mm	40mm
No. of stations	12	12
Live tooling power (turret)	-	5.5/7.0kW
Max speed of live tooling	-	4000rpm
TAILSTOCK:		
Type	Programmable	Programmable
Quill travel	100mm	100mm

NEW Colchester Tornado SL40 Series of Turning Centres

Tailstock travel	975mm 1550mm on SL40L	900mm 1450mm on SL40LMC
Quill taper	MT5	MT5
POSITIONING:		
Positioning	0.01mm	0.01mm
Repeatability	+/-0.003mm	+/-0.003mm
MACHINE:		
Power requirements	35Kva	35Kva
Machine size incl Swarf Conveyor	5320 x 2230mm	5320 x 2230mm
Machine weight	6700kg / 7700kg LMC	6700kg / 7700kg LMC

Standard Accessories:

- FANUC Oi-TF control with 10.4" Touchscreen and Manual Guide i
- Swarf conveyor and cart
- Status light
- Auto lubrication
- Heat exchanger
- Transformer
- 380mm power chuck
- Parts catcher
- Renishaw manual tool setter
- 20 bar coolant
- Maintenance and Operation Manual