Specification	Colchester MultiTurn 2000
Height of centres	195mm
Distance between centre	1250mm
Swing over bed	400mm
Swing in gap	585mm
Gap width from faceplate	165mm
Swing over cross slide	245mm
Spindle bore	55mm
Spindle nose	Camlock D1-6
Spindle centre height from floor	1086mm
Taper in nose bush	No. 4 MT
Spindle speed ranges	(1 to 297 rpm) (1 to 861 rpm) (1 to 2700 rpm)
Speed Motor S3-40%	7.5kW
Constant power range	69 – 2700 (5.5kW)
X-Axis working stroke	245mm
X-Axis Thrust (@ stall torque)	4.07kN
X-Axis Programmed rapid traverse rate (G00)	8m/min
X-Axis Manual mode traverse rate (jog)	3m/min
X-Axis CNC rapid traverse rate (jog)	2m/min
X-Axis maximum programmed feedrate	7750mm/min
Z-Axis working stroke	1163mm
Z-Axis Thrust (@ stall torque)	12.29kN
Z-Axis Programmed rapid traverse rate (G00)	10m/min
Z-Axis Manual mode traverse rate (jog)	6m/min
Z-Axis CNC rapid traverse rate (jog)	2m/min
Z-Axis maximum programmed feedrate	7750mm/min
Types of thread	Metric / Imperial / Diametral / Module
Width over bed ways	318mm
Width of cross slide	180mm
Cross slide travel	250mm
Tailstock quill diameter	73mm

Tailstock quill travel	140mm
Tailstock quill taper	No. 5 MT
Standard electrics	400V AC + 10%/-15% 50/60Hz
Electrical supply required	12kVA

Colchester MultiTurn 200 CNC Lathes UK

Standard Equipment

Siemens 828D Control with ShopTurn and Manual Machine Plus

250mm (10") dia. 3-Jaw geared scroll, super precision (Class 1), self centring chuck with :- direct camlock mounting and one set each of hardened

Dickson Quick Change Toolpost with 4 std. & 1 Vee & 1 No.3 MT Holders & wrenches

Manually operated tailstock

Electrically interlocked chuck guard

Fully enclosed interlocked guarding

Independent sliding operators console

300100 - Machine Lighting

29010L - Standard Electric Coolant Pump, Tank, Hose & fittings

11010B – Set of machine mounting pads

11011A - Machine Toolbox Comprising :-

Centre Bush, No 3 MT Centre, No 4 MT Centre, 22mm x 24mm Spanner, Set of Metric Wrenches, Grease Gun

Automatic Slideway & Ballscrew Lubrication

Swarf tray (Roll-out)

Operation & Spare Parts Manual. Accuracy chart

Hands on Tutorial & Quick reference Guide booklets

Standard Control Features include:-

Tool nose radius compensation	- ISO / ShopTurn
512 / 1024 Tools / Cutting Edges	- ISO / ShopTurn
Program Guide	- ISO / ShopTurn
CNC User Memory 8GB	- ISO / ShopTurn

Additional Mem / CF Card - USB	- ISO / ShopTurn
3D Simulation	- ISO / ShopTurn
DXF Reader	- ISO / ShopTurn
ShopTurn Step Programming	- ISO / ShopTurn
Real Time Simulation	- ISO / ShopTurn
Residual Material Check	- ISO / ShopTurn
Technology Cycles	- ISO / ShopTurn
Energy Monitoring	- ISO / ShopTurn
Onboard Help	- ISO / ShopTurn
Sinumerik Programming language	- ISO / ShopTurn
Ethernet Link	- ISO / ShopTurn
Background editing	- ISO / ShopTurn
Machine alarm diagnostics	- ISO / ShopTurn
Constant Surface Speed	- ISO / ShopTurn
Coms - RS232 - CF Card - USB	- ISO / ShopTurn

Colchester MultiTurn 2000 CNC Lathes in Kent, UK