

TURNING | MILLING | GRINDING | DRILLING | THREAD ROLLING | SAWING | FABRICATION

MACHINE TOOL SOLUTIONS:

Colchester

TURNING

CNC Turning Centres CNC/Manual Combination & Manual Centre Lathes

TORNADO: 30 years of CNC Turning

Slant bed CNC lathes with FANUC CNC control. Available in 2 & 3 axis models.





TORNADO

COLCHESTER TORNADO 2 & 3 axis (L - longbed models)

	SL25	SL30	SL35	SL40
Bar capacity	52mm	65mm	78mm	103mm
Power chuck dia	8"	8"(10" option)	10" (12" option)	15" (18" option
Max turning dia	350mm	400mm	450mm	550mm
Max turning length	400mm	1000mm (L)	1000mm (L)	1500mm (L)



VDI turret

Swarf conveyor

Parts catcher



Renishaw tool setting probe



CNC/Manual Combination Lathes

2 and 3 axes, high performance flat-bed CNC/Manual combination centre lathes

FANUC 0i-TF Plus CNC control system with 15" screen & Manual Guide i



Toolroom accuracy to DIN 8605

from



to

Swing over bed 350mm 760mm 650mm 6000mm Distance between centres Spindle bore 42mm 230mm **NEW for 2024**

COLCHESTER & HARRISON Manual Lathes Supplying manual centre lathes for over 100 years. Swing over bed from 330 to 1275mm diameter.

Manual Lathes: you know the models...

STUDENT 2500 MASTER VS3250 TRIUMPH VS2500 MASCOT VS2000 MASTIFF VS1800 MAGNUM VS, LS & HD









HARRISON ALPHA XS & XC





between centres



Colchester & Harrison conventional lathes - for high precision, manual turning: Making them ideal for applications where tight tolerances are crucial, including toolroom applications along with being built to withstand rugged, heavy-duty workshop turning in maintenance shops.

COLCHESTER STUDENT CNC

with FANUC 0i-TF Plus CNC control system with 10.4" display + manual guide i

Fitted with the latest Fanuc CNC controls provides the user with ultimate flexibility in programming, including ISO, conversational Manual Guide i, or via CAD/CAM.























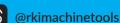














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MACHINE TOOL SOLUTIONS:



VERTICAL MACHINING **CNC MILLING** MANUAL MILLING

STORM: LINEAR or BOXWAY

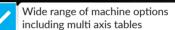
An extensive VMC range from the compact EH Toolroom model to the large capacity VL2090 STORM VHG with hi-torque gearbox on 1100mm+ x axis models with BT50 taper



	COLCHESTER STORM VMCs			
	EH-610 Toolroom	VL Linear Series	VH & VHG Boxway Series	
XYZ Travels - from:	610 x 350 x 460mm	550 x 410 x 460mm	510 x 410 x 460mm	
XYZ Travels - to:	-	2000 x 900 x 850mm	2000 x 900 x 800mm	
Table capacity - upto:	350kg	2000kg	2500kg	









Manual & CNC Turret & Bed Milling Machines R8 & ISO.40 spindle tapers. Industry standard CNC control options.

The NEW Colchester CV400 CNC Milling machine is equipped with the latest Fanuc Oi-MF plus control with Manual guide i, that provides the user with exceptional flexibility in programming. Fully compatible with CAD/CAM systems.

FANUC 0i-TF Plus CNC control system with 10" screen & Manual Guide i

Precision ballscrews on X,Y, Z axes

CV400 includes: Interlocked table guard & Manual pulse generator





High Precision:

The Colchester SP Turret series provides a higher degree of accuracy with a spindle runout of 0.003mm

Toolroom or Heavy Duty: Colchester SP Turret series available with dovetail or square ways

Bed type with large capacity: Increased XYZ travels, spindle power and torque, and designed for heavier milling capabilites







































