



## Alpha XM Series CNC Combination Lathes



ALPHA XM

The award winning Harrison Alpha 1550XM manual/CNC lathe is the first Alpha ever produced with the capability for high precision C-axis milling as well as metal turning.

Effectively 'two machines in one', the milling option builds on the features of the XS making it a highly versatile and cost-effective machine for a wide range of advanced machining applications.



## ALPHAXM Machine Specification

Distance between centre	2000mm; 3000mm
Saddle Stroke Z-Axis Max	2030mm; 3050mm
Swing over bed *	554mm
Swing in gap *	830mm
Width in gap (in front of spindle nose)	216mm
Swing over cross-slide	370mm
Spindle bore	104mm
Spindle nose	Camlock D1-11
Spindle speeds	Low Range: 1-224RPM, Medium Range: 1-672RPM, High Range: 1-2000RPM
Main motor	15kW
Tailstock quill travel	145mm
Tailstock quill diameter	95mm
Tailstock quill taper	No. 6 MT
Electrical supply required	15kVA
Floor to spindle centre	1195mm
Overall Length	2000: 4100mm 3000: 5100mm
	(Overall Length Does not Include Swarf Conveyor)
Overall Width	2000mm
Overall Height	1750mm
Overall Weight (nett)	2000: 3600Kg 3000: 4000Kg
<b>C Axis for 1550XM:</b>	
Motor max torque:	4Nm
Output max torque:	152Nm
Max output speed:	105RPM
Resolution	0.001°

- Capable of high precision C-axis milling as well as metal turning
- New state-of-the-art Fanuc controls with conversational programming software
- Fast, easy set-up – quickest of any lathe in the market
- High spindle speeds, rapid traverse rates combined with exceptional cutting performance

Illustrations and specifications are not binding in detail. The designs are subject to modification and improvement without notice.

\*Heavy duty single guard interlocked to the saddle

## Harrison

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