



Centre Lathe



Magnum

Colchester heavy duty centre lathes are renowned for quality and reliability. Built to withstand rugged, heavy duty use, our lathes give years of outstanding service with the absolute minimum of maintenance. At the same time, all Colchester manual lathes are capable of fast, heavy metal removal and fine precision finishing.

With swing capacities of 660mm and 810mm respectively, the Magnum and Magnum LS machines bring these long established characteristics to the heavy turning arena, in the form of cost effective, value for money machines with power, strength and productive features to meet almost any requirement in the demanding engineering environment of today.



Machine Specifications	Magnum	Magnum LS
Distance Between Centres	1500mm (60")	1500mm (60")
	2000mm (80")	2000mm (80")
	3000mm (120")	3000mm (120")
	4000mm (160")	4000mm (160")
Swing Over Bed	660mm (26")	810mm (32")
Spindle Bore	104mm (4.125") / 155mm (6")	104mm (4.125") / 155mm (6") / 230mm (9")
Maximum Spindle Speed	1800 / 1000rpm	1800 / 1000 / 600rpm
Spindle Nose	D1-11 / A2-11	D1-11 / A2-11 / A2-15
Spindle Taper	No.6 MT	No.6 MT
Main Motor Power	20kW (30h.p.)	20kW (30h.p.)
Headstock Number. of Ranges	3	3
Headstock Type	Variable Speed	Variable Speed
Width Across Bedways	480mm (19")	480mm (19")
Quill diameter	105mm (4.125")	105mm (4.125")
Quill travel	300mm (12")	300mm (12")
Quill taper	No.6 MT	No.6 MT



- Induction hardened & ground bed
- Heavy duty constant power spindle drive motor
- Precision hardened & ground gears in headstock
- Precision spindle running on Gamet ultra high precision taper roller bearings
- 2 Axis CSS DRO available



Certificate No. FM12345

Colchester

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