



The Ultimate Turning Machines



M300

13"x25/40" Geared-head Lathes

A quality asset with outstanding features and performance

The only fully geared headstock centre lathe in the range, the M300 has features for easy control of its comprehensive capabilities. It has the power to deal with heavy metal removal, at the same time offering precision for fine tolerance turning.

Features

The M300 is a full-function machine capable of the entire range of turning operations, and through the available range of accessories its scope and versatility can be increased even further. Quality, reliability and response make it one of the most outstanding lathes of its kind especially in industry, the toolroom, training and secondary and tertiary education and it fully complies with all current CE safety legislation.

- Easy to understand headstock mounted speed, threading and feed charts
- Smooth power transmission through a twin vee belt drive and induction hardened and ground headstock gearing
- Large saddle and slide bearing areas for precision and long life
- Deep section top slide with dovetail guides and gib strip adjustment
- The combination box section cast iron bed and rigid steel base provides an incredibly strong structure
- A huge selection of accessories are available

Specifications

		M300
Centers	Height	167mm (6-3/16")
	Admit Between	635/1000mm (25/40")
Swing	Over Bed	330mm (13")
	Over Cross Slide	210mm (8-1/8")
	In Gap Diameter	480mm (19")
Spindle	Length	117mm (4-5/8")
	Bore	40mm (1-9/16")
	Nose	D1-4 Camlock
	Morse Taper in Nose	3 MT
Speeds	Number	12
	Range	40 to 2500rpm
Motor		2.2kW
Leadscrew	Diameter	28mm (1-1/8")
	Thread	6mm pitch or 4 TPI
Threads	Metric Pitches	45 from 0.2 to 14mm
	Imperial Pitches	52 from 2 to 56 TPI
	Module Pitches	18 from 0.3 to 3.5 MOD
	Diametral Pitches	18 from 8 to 56 DP
Feeds	Metric	21 from 0.3 to 2mm/rev
	Imperial	21 from .001 to .080in/rev
Cross Slide	Width	140mm (5-1/2")

	Travel	190mm (7-1/2")
Top Slide	Width	82mm (3-1/4")
	Travel	92mm (7-1/2")
Tailstock	Quill Diameter	42mm (1-5/8")
	Travel	110mm (4-5/16")
	Morse Taper	3 MT
Weight		710/790kg (1562/1738lbs)
Dimensions	L x W x H	1.68x.97x1.4m (66x38x55") 2.13x1.02x1.45m (84x40x57")