

500 Series Precision Center Lathes



The 500 series lathes proves that quality, safety, versatility and straightforward operation can be optimally combined. Regardless of whether one-off or small batch production is required in a handcraft or industrial environment or whether tools, jigs or fixtures are to be manufactured; the 500 series proves itself as the ideal choice for countless applications. It has an inherent versatility that can be expanded through an extensive range of accessories.



		512	513
Working Range	Turning Length / Center Distance	25"	31"
		650mm	800mm
	Height of Center	6.3"	7.0"
	Swing Over Bed	12.6"	14.17"
	Swing Over Cross Slide	320mm	360mm
Main Spindle	Spindle nose - DIN 55029	D1-4	
	Spindle Diameter in Front Bearing	2.76"	3.54"
		70mm	90mm
	Spindle Bore	1.69"	2.20"
		43mm	56mm
	Inside Taper of Spindle	MT5	
	Drive Power at 100% duty cycle	10hp	14hp
		8kW	10.5kW
Speed Range	25 - 5000 rpm	30 - 4000 rpm	
Number of Speeds	Stepless Digital Gear Box		
Feed Rate	Longitudinal (Z-axis)	0.0004 - .236ipr	
		0.01 - 6mm/rev	
	Transverse (X-Axis)	0.0001 - 0.079ipr	
		0.003 - 2mm/rev	
Thread Cutting	Metric Threads	All Metric Threads 0.1 - 20mm	
	Inch Threads	All Inch Threads 2 - 80tpi	
	Modular Threads	All Modular Pitches 0.1 - 9mm	
	Diametral Threads	All Diametral Pitches 2 3/4 - 200DPI	
Tailstock	Quill Diameter	1.57"	1.96"
		40mm	50mm
	Quill Travel	3.34"	5.11"
		85mm	130mm
Inside Taper of Quill	MT3		
Weight	Shipping Weight	2017lbs.	2381lbs.
		915kg	1080kg
Dimensions	Length x Width x Height	62 X 73 X 61"	72 X 35 X 61"
		1.6 X .9 X 7.5M	1.8 X .88 X 1.5M