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Main	Dimensions	and Sr	oeciti	cations

•Center Height Over Bed	810mm		
•Swing Over Bed	1600mm		
•Swing Over Cross Slide	1200mm		
•Faceplate Diameter	1500mm		
•Maximum Distance Between Centers	10000mm		
•Overall Length of Bed	13900mm		
•Width and Height of Bed	$1400 \times 610 \text{mm}$		
•Center Size Taper Hole 1:10	100mm		
•Number and Range of Spindle Speeds (16 steps)	0.75~135rpm		
•Maximum Spindle Torque	3600kg-m		
•Maximum Weight Supported Between Centers (Without Steady Rest)	25000kg		
•Maximum Weight of Workpiece with Center of Gravity at 300mm	from Faceplate (Without		
Steady Rest)	6500kg		
•Number and Range of Feed Speeds 16 steps - Normal	$0.05 \sim 10 \text{mm/rev}$		
(Cross Feed is 1/2 of Longitudinal Feed) 16 steps – Roughing	$0.2\sim40$ mm/rev		
•Rapid Traverse Speed of Cross Slide	2500mm/min		
•Rapid Traverse Speed of Tailstock	2500mm/min		
•Tool Post Rotation Angle	360°		
•Upper Slide Travel	600mm		
•Thread Cutting Range (Metric Threads,	0.5~24mm		
Whitworth Threads,	1~48 TPI		
Module Threads)	1∼12 module		

Driving Mechanism	•Main Motor	AC	3P	37 KW
	•Rapid Traverse Motor for Cross Slide	AC	4P	2.2 KW
	•Rapid Traverse Motor for Tailstock	AC	4P	0.75 KW
	•Lubrication Motor for Headstock	AC	3P	0.75 KW
	•Lubrication Motor for Apron	AC	4P	0.4 KW

•Required Floor Space $2800 \times 15200 \mathrm{mm}$ •Net Weight $55{,}500 \mathrm{kg}$