



### C61125 C61160 C61180 C61200 (16T)

Capacities			C61125	C61160	C61200
Swing over bed	mm		1250	1600	2000
Swing over carriage	mm		900	1250	1650
Maximum length of workpiece	mm		3000 5000 6000 8000 10000		
Maximum turning length	mm		2800 4800 5800 7800 9800		
Width of guideway	mm		1100		
Spindle					
Spindle nose code	mm		A215		
Diameter of spindle thru hole	mm		100		
Taper hole of spindle			the metric system 140		
Number of forward turning speeds			21		
Number of reverse turning speeds			12		
Spindle speed	Forward	r/min	3.15315		
	Reverse	r/min	3.5291		
Feed motion					
Number of feeds per revolution longitudinal/transverse			56/56		
Feed per revolution	longitudinal	mm/r	0.112(0.004"0.473")		
	transverse	mm/r	0.056(0.002"0.236")		
	upper tool-post	mm/r	0.0253(0.001"0.118")		
Number and range of metric thread			44;1120mm		
Number and range of inch thread			31;281/4		
Number and range of module thread			45;0.560mm		
Number and range of diametrical pitch thread			38;1/256DP		
Tool post					
Distance between spindle center-line and tool resting plane	mm		53		
Size of tool shank	mm		50		
Tool post swing range	°		±90°		
Max.travel of top slide	mm		380		
Max.travel of cross slide	mm		740(29")	850(33")	850(33")

Tool post travel per turn of the dials of top or cross slide		mm		0.05(0.002")
rapid travel speed	longitudinal	mm/min		3740
	transverse	mm/min		1870
	top slide	mm/min		935
Tailstock				
Diameter of Tailstock quill		mm		200(6")
Travel of tailstock quill		mm		300(12")
Taper hole of tailstock quill				Morse6#
Lub and operating pump				
Type				CB-B10
Flux		L/mim		10
Working pressure		kg/cm		25
Speed		r/min		1450
Machine overall dimension				
Hight		mm	2120	2670 2870
Width		mm	2360	
Max.weight of workpiece				
Max.weight of workpiece		kg		16000/32000