



## CZ6285/100/120(C)

### Features

- Sturdy slide and apron, especially designed to withstand high cutting forces
- Induction hardened and ground guideways
- Headstock on tapered roller bearings
- Central, practical controls for feeds and thread leads
- Diametric, inch, module, and metric threads
- Handwheel for tailstock adjustment
- Large spindle bore
- Central lubrication

Model		CZ6285	CZ62100	CZ62120
Capacities	Max. swing over bed	850mm	1000mm	1200mm
	Max. swing over cross slide	555mm	600mm	600mm
	Center distance	750, 1000, 1500, 2000, 3000, 4000,5000,6000,8000,10000,12000mm		
	Max. swing over gap	1050mm	1200mm	1400mm
	Valid length of gap	300mm		
	Bed width	490mm or 500mm		
Headstock	Spindle hole	105mm		
	Spindle nose	C-11 or D-11		
	Spindle taper	MT100		
	Spindle speeds (no.)	14-750 or 18-900 (18 steps)		
Gear box threads and feeds	Metric threads range	1-240 (54 kinds)		
	Inch threads range	28-1 inch (37kinds)		
	Module threads range	0.5-60 DP (45kinds)		
	Diametral threads range	30-1 TPI (27kinds)		
	Longitudinal feeds range	0.05-1.42mm/r (72kinds)		
	Cross feeds range	0.015-0.48mm/r (72kinds)		
	Rapid feed: long./cross	6/2m/min		
	Leadscrew size: diameter/pitch	T48mm/12mm		
carriage	Cross slide travel	400mm		
	Compound rest travel	230mm		
	Size of tool shank	32x32mm		
Tailstock	Spindle diameter	100mm or 120mm		
	Spindle taper	Morse 6		
	Spindle travel	205mm		

motor	Main drive motor	11KW	
	Coolant pump motor	0.09KW	
	Rapid feed motor	0.12KW or 0.18KW	
Net weight	Center distance	750mm	3700kgs
		1000mm	4000kgs
		1500mm	4500kgs
		2000mm	5000kgs
		3000mm	5500kgs
		4000mm	6000kgs
Overall dimension	Center distance	750mm	2792x1276x1390mm
		1000mm	3042x1276x1390mm
		1500mm	3542x1276x1390mm
		2000mm	3952x1276x1390mm
		3000mm	4952x1276x1390mm
		4000mm	5952x1276x1390mm

**Remark: the workpiece limit Load:3 TONS.  
spindle bore 105mm,bed width 550mm**