

Specification	Unit	CW6263E	CW6280E	CW62100E
Max.Swing diameter over bed	mm	Φ630	Φ800	Φ1000
Max.Swing diameter over cross slide	mm	Φ350	Φ480	Φ710
Max.Swing diameter in gap	mm	Φ800	Φ1000	Φ1230
Length in gap	mm	350	350	350
Max. workpiece length	mm	1000/1500/2000/3000/4000/5000/6000		
Max.cutting length	mm	600/1100/1600/2600/3600/4600/5600		
Bed guideway width	mm	550		
Spindle				
Spindle nose		C11 *D11		
Spindle bore	mm	Φ100(C11) *Φ105(D11) Opt:Φ130 (C11/D11)		
Chuck size	mm	Φ315	Φ400	Φ400
Taper of spindle bore		Metric 120(1:20) Opt:Φ130-Metric 140(1:20)		
Max. Spindle torque	Nm	2400		
Spindle speed ranges	rpm	7.5-1000(18 Speeds)		
Spindle centre height	mm	315	400	515
Spindle motor power	kW	11kW (1460rpm/50HZ) Opt:15kW (1460rpm/50HZ)		
Tailstock				
Diameter of tailstock quill	mm	Φ100		
Travel of tailstock quill	mm	250		
Taper of tailstock quill		No.6 MT		
Feeds&Threads (metric screw *inch screw)				
Longitudinal feed(metric screw)	mm/r	64 Speeds 1/1 0.1~1.52 ; 16/1 1.6~24.3		
Longitudinal feed(inch screw)	in/r	64 Speeds *1/1 0.0019~0.0612 ; *16/1 0.0305~0.98		
Cross feed	mm/r	1/2 times of the longitudinal feed		
Metric threads(Metric screw)	mm	0.5~240 (52 Kinds)	1~240 (50 Kinds)	0.5~240 (52 Kinds)
Metric threads(Inch screw)	mm	1~256 (57 Kinds)	1~256 (57 Kinds)	1~256 (57 Kinds)
Modular threads	mm	0.5~120(53 Kinds) *0.5~128(57 Kinds)		
Inch threads	TPI	28~1(34 Kinds) *32~1/16(67 Kinds)	14~1(26 Kinds) *32~1/16(67 Kinds)	28~1(34 Kinds) *32~1/16(67 Kinds)
Diametral pitch threads	DP	28~1(24 Kinds) *32~1/8(57 Kinds)		
Tool post				
Max.Tool shank size	mm	30×30		
Travel of top slide	mm	200		
Swivel angle of top slide	°	±90°		
Machine dimensions(L×W×H)	mm	3180×1340×1830(1000) 3630×1340×1830(1500) 4230×1340×1830(2000) 5130×1340×1830(3000) 6040×1430×1830(4000) 7120×1430×1830(5000) 8240×1430×1830(6000)	3180×1380×1830(1000) 3630×1380×1830(1500) 4230×1380×1830(2000) 5130×1380×1830(3000) 6040×1470×1830(4000) 7120×1470×1830(5000) 8240×1470×1830(6000)	3180×1460×1830(1000) 3630×1460×1830(1500) 4230×1460×1830(2000) 5130×1460×1830(3000) 6040×1550×1830(4000) 7120×1550×1830(5000) 8240×1550×1830(6000)
Machine weight	kg	4050/4350/4650/5150/ 5950/6650/7450	4250/4550/4850/5350/ 6650/7300/7850	4500/4800/5100/5600/ 6950/7450

\*opt:inch screw