

Spec./Model	Unit	CBM-110 F1 Series	CBM-110 F2 Series	CBM-110 F3 Series
Spindle Boring Bar Dia.	mm	110 / BT-50 (ISO-50)		
Indexing Table Dimension	mm	1,800 x 2,000	2,000 x 2,500	
Table Min. Indexing Increment	Degree	0.001°		
Travel (X/Y/Z)	M	2 ~ 6 (Ball Screw) / 2 / 1 Over 6 (Rack & Pinion) / 2 / 1	2 ~ 6 (Ball Screw) / 2.5 / 1.5 Over 6 (Rack & Pinion) / 2.5 / 1.5	2 ~ 6 (Ball Screw) / 3 / 1.5 Over 6 (Rack & Pinion) / 3 / 1.5
Travel (W / Boring Bar)	mm	600		
Spindle Nose To Table Center	mm	635 ~ 1,725	700 ~ 2,000	800 ~ 2,300
Spindle Center To Table Surface	mm	-25 ~ 1,475	0 ~ 1,800	-35 ~ 1,965
Spindle Motor Output		18.5 / 22 Kw, 5 ~ 2,000 rpm	22 / 26 Kw, 5 ~ 2,000 rpm	
Spindle Torque Output	Nm	860 / Gearbox	1,025 / Gearbox	
Tool Magazine	mm	24 Tools (Opt. 32 / 40 / 60 Tools)		
Machine Construction		Floor Type Column Moving Boring Machine		
Accuracy	mm	Positioning : +/- 0.015 ; Repeatability : +/- 0.005		

Spec./Model	Unit	CBM-135 F Series	CBM-150 F Series
Spindle Boring Bar Dia.	mm	135 / BT-50 (ISO-50)	150 / BT-50 (ISO-50)
Indexing Table Dimension	mm	1,800 x 2,000 (Opt. 2,000 x 2,500)	
Table Min. Indexing Increment	Degree	0.001°	
Travel (X)	mm	2,000 ~ 6,000 (Ball Screw) , Over 6,000 (Rack & Pinion)	
Travel (Y)	mm	2,000 / 2,500 / 3,000 / 3,500	
Travel (Z)		1,000 (Opt. 1,500 / 2,000)	
Travel (W+V / Boring Bar + Quill)	mm	700 + 350	900 + 400
Spindle Nose To Table Center	mm	700 ~ 2,000	800 ~ 2,300
Spindle Center To Table Surface	mm	0 ~ 1,800	-35 ~ 1,965
Spindle Motor Output		30 / 37 Kw, 5 ~ 2,000 rpm	30 / 37 Kw, 5 ~ 1,600 rpm
Spindle Torque Output	Nm	2,150 / Gearbox	2,615 / Gearbox
Tool Magazine	Tools	40 Tools (Opt. 60 / 90 Tools)	
Machine Construction		Floor Type Column Moving Boring Machine	
Accuracy	mm	Positioning : +/- 0.015 ; Repeatability : +/- 0.005	