



SPECIFICATION

Model	CBM-110F	CBM-135P	CBM-135QF	CBM-150QF	CBM-160R
Travel					
X axis (Column cross wide) mm (inch)	4,000 / 5,000 / 6,000 / 7,000 / 8,000 / 9,000 (157 / 197 / 236 / 276 / 315 / 354)				
Y axis (Spindle head vertical) mm (inch)	2,000 / 2,500 / 3,000 / 3,500 (79 / 98 / 118 / 138)				
Z axis (Boring spindle extension) mm (inch)	N/A	700 (28)	700 (28)	900 (35)	1,100 (43)
W axis (Quill extension) mm (inch)	600 (24)	N/A	350 (14)	400 (16)	900 (35)
Z axis + W axis mm (inch)	N/A	N/A	1,050	1,300	2,000 (78)
Spindle					
Main motor (KW)	22/18	45/37	37/30	45/37	55/45
Max. spindle speed (rpm)	5 ~ 2500	5 ~ 2500	3 ~ 1500	3 ~ 1500	1 ~ 3000
Spindle taper	7/24 Taper No.50		7/24 Taper No.50		7/24 Taper No.50
Diameter of the boring spindle mm (inch)	110 (4)	135 (5)	135 (5)	150 (6)	160 (7)
Milling spindle diameter mm (inch)	N/A	215 (8)	215 (8)	250 (10)	N/A
Quill diameter mm (inch)	N/A	N/A	340 (13)	370 (15)	N/A
Feed Rate					
Rapids on X/Y axis mm(inch)/min	6000 (236)	6000 (236)	6000 (236)	6000 (236)	6000 (236)
Rapids on Z/W axis mm(inch)/min	4000 (157)	4000 (157)	4000 (157)	4000 (157)	4000 (157)
Automatic tool changer (Opt.)					
Tool storage capacity (pcs)	40/60/90	40/60/90	40/60/90	40/60/90	40/60/90
Machine size					
Floor space mm (inch)	13000x8400 (512x330)	13000x8400 (512x330)	13000x8400 (512x330)	10620x9650 (418x379)	10,600x9,680 (418x379)
Height mm (inch)	6650 (262)	6650 (262)	6650 (262)	7250 (285)	8000 (314)
Machine net weight kgs (lbs)	27650 (60957)	31500 (69445)	33500 (79854)	36300 (79860)	45200 (99440)

() optional specification

Specifications are subject to change without notice

