

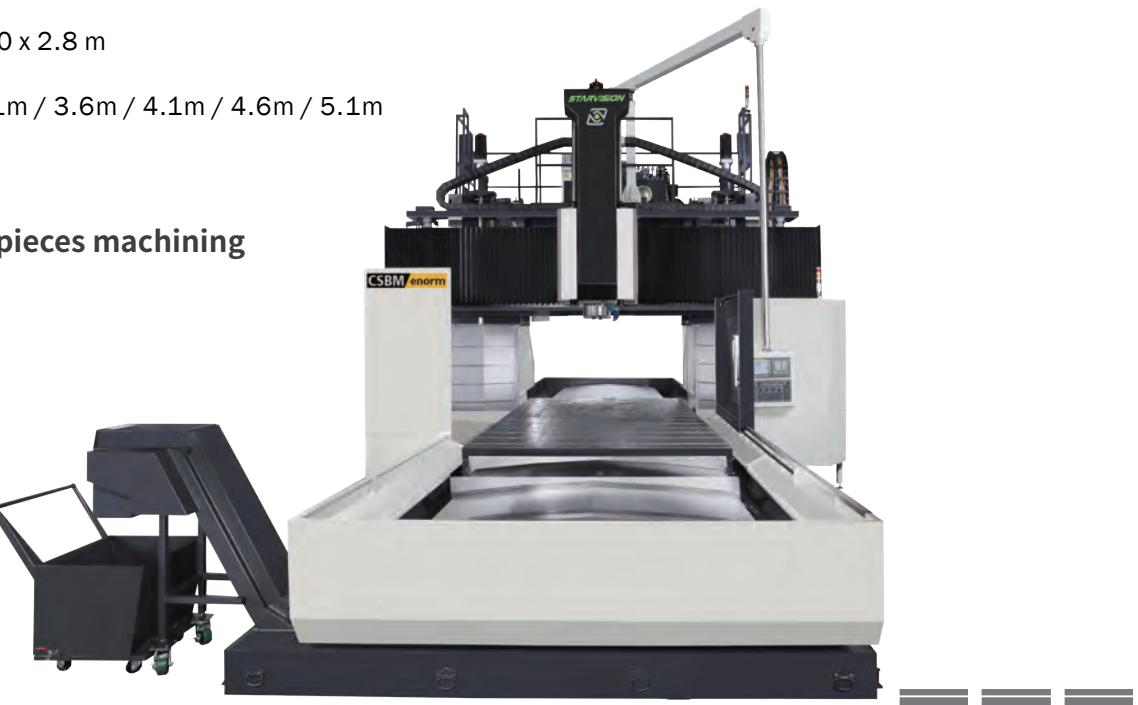
SBM-series



4 x 2 m - 10 x 2.8 m

2.6m / 3.1m / 3.6m / 4.1m / 4.6m / 5.1m

From over-height
to super-thin workpieces machining



AC MC MH

Model	Unit	CSBM -4228/ 33/38	CSBM -5228/ 33/38/43/48/53	CSBM -6028 CSBM -6233 38/43/48/53	CSBM -8233/ 38/43/48/53	CSBM -10233/ 38/43/48/53
Travel						
X axis	mm	4,200	5,200	6,000 / 6,200	8,200	10,200
Y axis	mm		2,800 / 3,300 / 3,800 / 4,300 / 4,800 / 5,300			
Z axis	mm			1,000 (1,200 / 1,500 - opt.)		
W axis	mm			1,000 (1,250 / 1,500 / 2,000 / 2,500 / 3,000 - opt.)		
Spindle nose to table	mm		150 - 1,150 (1,400 / 1,650 / 2,150 / 2,650 / 3,150 - opt.)			
Distance between sliders	mm		2,600 / 3,100 / 3,600 / 4,100 / 4,600 / 5,100			
Distance between columns	mm		2,550 / 3,050 / 3,550 / 4,050 / 4,550 / 5,050			
Table	mm					
Table dimensions (L)	mm	4,000	5,000	6,000	8,000	10,000
Table dimensions (W)	mm		2,000 / 2,400 / 2,800 (3,500 - opt.)			
T-slot (width x number x pitch)	-		28 x 11 x 180 / 28 x 13 x 180 / 28 x 13 x 200 (28 x 17 x 200 - opt.)			
Max. table load	tons	13 / 20	15 / 24	17 / 28	21 / 32	25 / 40
Spindle						
Spindle motor (cont./30 minute rated)	kW		22 / 26 (30 / 37 - opt.)			
Spindle speed	rpm		6,000 (8,000 - opt.) / 4,200 (5,500 - opt.)			
Spindle taper	-		BT-50 / ISO-50 / CAT-50			
Feed						
Rapid feed-rate (X/Y/Z/W)	m/min	10 / 10 / 12 / 2		8 / 10 / 12 / 2		
Cutting feed-rate	mm/min		7,000		6,000	
Accuracy						
Positioning accuracy	mm		±0.005 / 300; ±0.015 / Full travel			
	mm	P0.035 / P0.045		P0.045		
Repeatability	mm		±0.003			
Other	mm	P±0.028		P±0.03		
Tool storage capacity	pcs		32 (40/60/90 - opt.)			
Power consumption	kVA		65			
Compressed air	kg/cm²		6.5			

(1) The table can be customized according to customers' needs for Over-Length and Overweight workpieces.

(2) The footprint will be different according to the X axis travel.

CM-series



6 x 2 m - 36 x 5 m

3.4 m / 3.9 m / 4.4 m / 4.9 m / 5.4 m
/ 5.9 m / 6.4 m

Well regarded for over-length
and overweight workpieces machining



AC MC MH

Model	Unit	CM-XX37	CM-XX42	CM-XX47	CM-XX52	CM-XX57	CM-XX62	CM-XX67
Travel								
X axis	mm	4,200	5,200	6,000 / 6,200	8,200	10,200		
Y axis	mm		2,800 / 3,300 / 3,800 / 4,300 / 4,800 / 5,300					
Z axis	mm			1,000 (1,200 / 1,500 - opt.)				
W axis	mm			1,000 (1,250 / 1,500 / 2,000 / 2,500 / 3,000 - opt.)				
Spindle nose to table	mm		150 - 1,150 (1,400 / 1,650 / 2,150 / 2,650 / 3,150 - opt.)					
Distance between sliders	mm		2,600 / 3,100 / 3,600 / 4,100 / 4,600 / 5,100					
Distance between columns	mm		2,550 / 3,050 / 3,550 / 4,050 / 4,550 / 5,050					
Table	mm							
Table dimensions (L)	mm	4,000	5,000	6,000	8,000	10,000		
Table dimensions (W)	mm		2,000 / 2,400 / 2,800 (3,500 - opt.)					
T-slot (width x number x pitch)	-		28 x 11 x 180 / 28 x 13 x 180 / 28 x 13 x 200 (28 x 17 x 200 - opt.)					
Max. table load	tons	13 / 20	15 / 24	17 / 28	21 / 32	25 / 40		
Spindle								
Spindle motor (cont./30 minute rated)	kW		22 / 26 (30 / 37 - opt.)					
Spindle speed	rpm		6,000 (8,000 - opt.) / 4,200 (5,500 - opt.)					
Spindle taper	-		BT-50 / ISO-50 / CAT-50					
Feed								
Rapid feed-rate (X/Y/Z/W)	m/min	10 / 10 / 12 / 2		8 / 10 / 12 / 2				
Cutting feed-rate	mm/min		7,000		6,000			
Accuracy								
Positioning accuracy	mm		±0.005 / 300; ±0.015 / Full travel					
	mm	P0.035 / P0.045		P0.045				
Repeatability	mm		±0.003					
Other	mm	P±0.028		P±0.03				
Tool storage capacity	pcs		32 (40/60/90 - opt.)					
Power consumption	kVA		65					
Compressed air	kg/cm²		6.5					

(1) The table can be customized according to customers' needs for Over-Length and Overweight workpieces.

(2) The footprint will be different according to the X axis travel.

CNC Double Column Machining Center



Independently developed Milling Heads

AC	Automatic	Automatic head changing/tool changing / 5° indexing / 2.5° indexing
AC5	Automatic 90 Degree Milling Head	
AC300	Automatic Extension Milling Head	
AC2	Automatic 2-axis Milling Head	
MC	Semi-automatic	Manual head clamping/tool clamping Automatic 5° indexing / 2.5° indexing
MH	Manual	Manual head clamping/tool changing/indexing

Industrial Application

STARVISION MACHINERY CO., LTD

NO. 59, LN. 607, WUGUANG RD., WURI DIST., TAICHUNG, TAIWAN 414

TEL: +886-4-2338 3342

TAX: +886-4-2338 3390

info@starvision-tech.com

www.starvision-tech.com



(1) Each interval of X axis stroke -2,000mm

(2) Each interval of Y axis stroke -500mm

(3) High-speed spindle available

BCM-series



6 x 2 m - 36 x 5 m

3.2m / 3.7m / 4.2m / 4.7m /
5.2m / 5.7m / 6.2m

Boxway type W and Z axes
move simultaneously
and process with a 5-face milling head.

For extra heavy, long, over-height
and super-thin workpieces

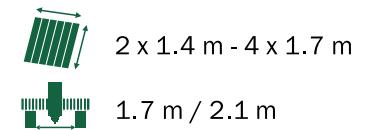


AC MC MH

Model	Unit	CBCM-XX38	CBCM-XX43	CBCM-XX48
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CNC Double Column Machining Center

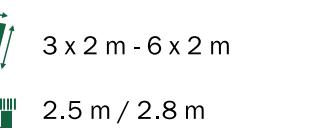
FS-series



- 2 x 1.4 m - 4 x 1.7 m
- 1.7 m / 2.1 m



C-series



3 x 2 m - 6 x 2 m
2.5 m / 2.8 m



DX-series



 $2 \times 1.4 \text{ m} - 4 \times 1.7 \text{ m}$

 $1.7 \text{ m} / 2.1 \text{ m}$



series



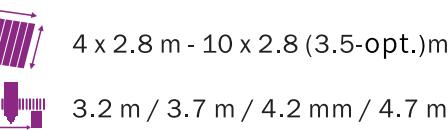
- 6 x 2 m

Linear way



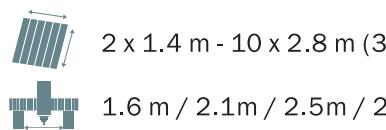
10 x 2.4 m

LS-series



 4 x 2.8 m - 10 x 2.8 (3.5-opt.)m
 3.2 m / 3.7 m / 4.2 mm / 4.7 m

V-series



 2 x 1.4 m - 10 x 2.8 m (3)
 1.6 m / 2.1m / 2.5m / 2

* The photos in the catalog include options needing additional charges. All specifications are subject to change without prior notice.