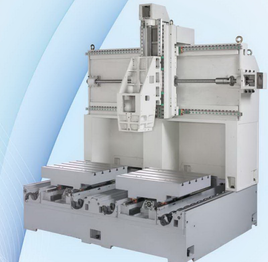
DUAL TABLE LEADS TO THE HIGHEST EFFICIENCY.



High Capacity Dual Table Machining Center/
(apply to Dual Head)

Model:CM-565D/765D/1065D

- Unidirectional table movement with no variation in precision.
- Extremely efficient chip removal.
- Reduction in table changing time.
- Fast tool and table changes.
- Unencumbered access for quick work pieces changes.
- High precision, high speed, easy maintenance.

Controllers Choices of Various CNC

- PC Based
- Fanuc
- Mitsubishi
- Siemens

Specification

MODEL	UNIT	CM-565D	CM-765D	CM-1065D
X axis travel	mm (in)	500 (19¾)	700 (27½)	1000 (39⅜)
Y1 axis travel	mm (in)	600 (23⅝)	600 (23⅝)	600 (23⅝)
Y2 axis travel	mm (in)	600 (23⅝)	600 (23⅝)	600 (23⅝)
Z axis travel	mm (in)	500 (19¾)	500 (19¾)	500 (19¾)
Distance between work table & spindle nose	mm (in)	150~650 (5¾ x25¾)	200~700 (7¾ x27½)	200~700 (7¾ x27½)
Table dimension	mm (in)	(700x600)x2 (27½ x23⅝)	(850x600)x2 (33½ x23⅝)	(1200x600)x2 (47¼ x23⅝)
T- slot	mm	18 x 12 x 18		
Taper of spindle nose		BT 40	BT 40	BT 40
Spindle speeds	r.p.m.	6000/8000	6000/8000	6000/8000
Max. tool diameter	mm (in)	70 (2¾)	70 (2¾)	70 (2¾)
Max. tool weight	kgs	6	6	6
Max. table load	kgs	800	800	800
Spindle motor	kw (hp)	7.5/11(10/15)		
Cutting feed rate	mm/min	1~10000		
X/Y/Z rapid feedrate	m/min	24,OP(36)	24,OP(36)	24,OP(36)
No. of tools (ATC)	pcs	24	24	24
Servo motor (X/Y/Z)	kw	2/2/3.5	2/2/3.5	2/2/3.5
Air source	kg/cm² (psi)	7 (100)		
Machine dimension	mm (in)	3400x2100x2800	3400x2100x2800	4000x2100x2800
Machine weight	½kgs	½ 13000	½ 15000	½ 17000
Controller		Mitsubishi/Fanuc/PC - based/Siemens		

※ All specifications and design are subject to change without prior notice.

Specification

MODEL	UNIT	CM-565	CM-1065	CM-565-3	CM-1065-2
X axis travel		500(19 ¾")	1000(39)	170x3(500)	500x2(1000)
Y axis travel	mm (in)	600 (23 ⅝")	600 (23 ⅝")	600	600
Z axis travel		500(19 ¾")	500 (19 ¾")	500	500
Distance between work table & spindle nose	mm (in)	150~650 (5¾" x 25 ⅝")			
Table dimension	mm	700x600	1200x600	700x600	1200x600
T- slot		18x12x18	30x12x18		
Taper of spindle nose		BT 40		BT30	BT40
Spindle speeds	r.p.m.	10000		10000	6000
Max. tool diameter		70 (2 ¾")		30	40
Max. tool weight	kgs	6		1	5
Max. table load	kgs	800	800	800	800
Spindle motor	kw (hp)	5.5/7.5(7.3/10)		5.5/7.5	7.5/11
Cutting feed rate		1~10000(1~393)			
X/Y/Z rapid feedrate	m/min	X:Y24,OP(36) Z15,OP(24)			
No. of tools(ATC)		16/24		127x3	127x2
X/Y/Z servo motor	kw	2/2/2	2/2/2	2/2/2	2/2/2
Air source	kg/cm² (psi)	7 (100)			
Machine dimension	mm (in)	2500x2100x2700	3150x2100x2700	2500x2200x3100	3150x2400x3100
Machine weight	½kgs	6700	8800	6800	9000
Controller		Mitsubishi/Fanuc/PC - based/Siemens			

Sure First CNC Since 1974

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Double Efficiency Leads to Victory

High Capacity Dual Table Machining Center
/ Model CM-565D/765D/1065D

The 4th Generation Closed Birdge Type High Speed Machining Center.

The Design Leader in Bridge-Type VMCs

CM Series

Patent No. : M270868

FM-701/93

CM Closed Bridge Type Machining Center **Series**

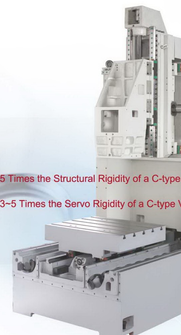
The Best Body with Affordable Price

Exclusive Base Width Design Unique in the World!

MODEL	BASE WIDTH
CM 565	1006mm
CM 1065	1660mm

3-ton Base of CM series,Twice the Table Loading Capacity of C-type

- The extra massive 3-ton base weight guarantees the maximum stability and rigidity for high speed precision machining. This combines with an extra strong box-type column structure for greatly increasing rigidity during cutting and twice the table loading capacity of conventional C-type VMCs.
- It provides full support to for the entire travel of the table assuring machining accuracy for extra long parts even longer than the X-axis travel.



- 5 Times the Structural Rigidity of a C-type VMC
- 3~5 Times the Servo Rigidity of a C-type VMC

High Capacity/Production Type VMC, Model CM-565 & CM-1065

- Completely closed the column provides the best rigidity.
- High density casting increases the stability and rigidity of the machine.
- Double layer protection on the Y axis,prevent chips & coolant entering the transmission system.
- Separated X and Y axes movement, combined with an external tool magazine allows easy clamping of workpieces.
- Minimal floor space occupied if compared with same specification.

Exclusive design on X-axis pan

Features greater rigidity and stability, eliminate rigidity displacement when combine with extra strong box type columns.

Spindle accuracy meets German and Swiss standards

Direct drive spindle with a wide speed range from 8,000 to 15,000 rpm, make the machine ideal for versatile machining applications. Spindle accuracy meets German and Swiss standards, providing the best extension for CTS application.

Exclusive Double Guards on Yaxis

The external guard is a steel telescopic type plus inner layer folding cover,thoroughly keeps coolant away from transmission system.

1.5 Spindle Support Ratio –A design Breakthrough

Specially design to fully eliminate overhang problems during cutting. This exclusive feature permits transmission efficiency of the spindle motor to a maximum and results in superior cutting rigidity.

Coolant Jet Around Spindle

The coolant jet around spindle is designed to prevent conventional coolant nozzle from interfering with jig and fixture.

High Capacity Dual / Three / Multi Head Vertical Machining Center

Model：CM-565-3 CM-1065-2

Advantages of Multi-Head Machining center

- 1.*Both of Z axes can be corrected by the tool measurement system automatically without well-experience technical staff.*
- 2.The tool of both Z axes can be changed at the same time.
- 3.The machine can match with Multi-Head. When increased one working head, the quantity of output will increase double. It will reduce the purchasing cost.
- 4.The efficiency of one Dual-Head machine is equal to two machining center, and only need one machine floor space. The plant can be used double.
- 5.With closed bridge type construction provides the best rigidity. High speed, high accuracy, high stability and high quality when machining.
- 6.Very powerful on BT-40 of Dual-Head is suitable for machining hard material. High efficiency on BT-30 of Three-Head is suitable for machining soft material. With BT-25 on Five-Head or Multi-Head will be high efficient doubling.
- 7.Dual table machine can short the the time of loading/unloading. Match these two machine , the system can increase the efficiency of 1.5 times or more.