

CMH Series

Horizontal Machining
Center

Flexible & Versatile

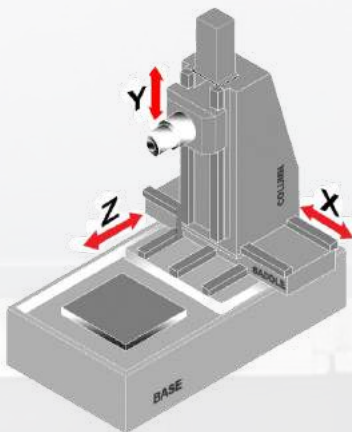
About CMH Series

Column Moving Horizontal (CMH) is Rigid and flexible Horizontal Machining Center. This machine is equipped with Index table, APC and compact ATC. It is designed and manufactured to suit production applications. In CMH machines, thermal compensation and coolant through spindle as optional which increases the productivity and performance of the machine.

- **Fast & Flexible**
- **Ease of Maintenance**
- **Rigid Structure**
- **High Cutting Capability**

Standard Features

- Spindle Speed 6000 rpm(BT-40)
- Spindle Speed 4000 rpm(BT-50)
- Higher Spindle Power
- Compact ATC
- Spindle Taper BT-40/BT-50
- Fanuc 0iMF+ CNC Controller



Axis Configuration

Optional Features

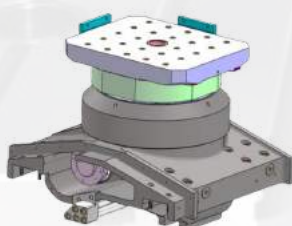
- Index table & Pallet Changer
- Upto 60 Tools ATC
- Spindle Taper HSK A63/HSK A100
- Higher Spindle speed
- Through Coolant System
- Chip Conveyors



ATC



High Speed Spindle
(BT-40 & BT-50)



Index Table



Chip Conveyors

Machine Specifications

*All Specifications are subject to change without prior notice.

Specifications	Unit	CMH-400/CMH-400XL		CMH-500/CMH-500 XL	
Strokes X, Y & Z axes	mm	600 x 500 x 500		800X600X600	800X550X550
Table size / Pallet size	mmxmm	400 x 500 (2)		500 x 630 (2)	
Max. load on Pallet	kgf	400		500	
Pallet Change Time	sec	10	10	12	12
Spindle speed Std.	rpm	60 - 6000		60 - 6000	
Spindle power Std.	kW	11 / 7.5		18.5/15	15/11
Tool shank type(Std/Opt)		BT-40	BT-40/HSK A63	BT-40	BT-40/HSK A63
ATC Capacity	Nos.	20/30/40/60		40	40/60
Rapid traverse - X/Y/Z	m/min	40/40/40	50/50/50	32/32/32	50/50/50
CNC Controller		Fanuc 0iMF+		Fanuc 0iMF+	
Machine weight – Net	kg	6750/8000	8000	8500	8500
Machine WxDxH Std.	m	2.5x5x2.9	2.5x5x2.9	3.4x5.5x3	3.4x5.5x3
With Rotary Joint	m	3.1x5x2.9	3.1x5x2.9		

Specifications	Unit	CMH-500-50	CMH-500 XL-50
Strokes X, Y & Z axes	mm	800 x 600 x 600	800 x 550 x 550
Table size / Pallet size	mmxmm	500 x 630 (2)	500 x 630 (2)
Max. load on Pallet	kgf	500	500
Pallet Change Time	sec	12	12
Spindle speed Std.	rpm	40 - 4000	40 - 4000
Spindle power Std.	kW	18.5 / 15	15 / 11
Tool shank type - (Std./Opt)		BT-50	BT-50
ATC Capacity	Nos.	20/30	20/30
Rapid traverse - X/Y/Z	m/min	32/32/32	50/50/50
CNC Controller		Fanuc 0iMF+	Fanuc 0iMF+
Machine weight – Net	kg	11000	11000
Machine WxDxH	m	3.5x5.5x3	3.5x5.5x3

End to End Solutions

From the planning stage to Production

- Process Identification
- Fixture Development & Interface
- Automation Solutions
- Complete Prove-out

Applications

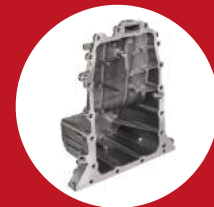
- Automotive
- Aerospace
- Engineering Components
- Defence



Crank Shaft



Cylinder Head



Engine Part



Pump Housing



Cylinder Block

Contact Us



Leading Manufacturers of Machining Centers

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