

特性

- 立柱、底座、工作台、鞍座等主要機體採用米漢納鑄鐵。
- 立柱與底座為箱形結構，配合筋骨強化擁有最佳剛性，吸震性良好。
- 三軸為線軌，Y軸為三線軌 (VMC-1300 / 1500系列)。
- X, Y, Z 軸採用精密滾珠螺桿，與伺服馬達為直結驅動，無傳動背隙問題。
- Z軸採用剎車式伺服馬達，無配重設計，讓Z軸於3D加工時能達最佳的表面精度。

FEATURES

- The column, base table, and saddle are constructed for meehanite cast irons.
- Box type column and base construction combined with rib reinforced for maximum rigidity and outstanding vibration absorbing capability.
- 3-axis is linear ways, Three linear guide way for Y axis (VMC-1300 / 1500 series)
- High precision ball screws X, Y, Z-axis, which are directly driven by servo motor without transmission backlash problem.
- Z axis with brake servo motor & no counter weight which design provide to ensure the best surface accuracy in the 3D machining.

我們秉持著先進的技術理念，提升生產技術，創造高附加價值、高品質的精密機械，期能提供業界市場的需求。  
Our strong R & D capabilities apply leading technology to our machines. Conducting various innovative machines to the market worldwide is our pride.

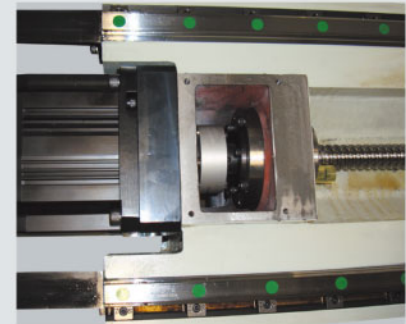
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CE ISO 9001



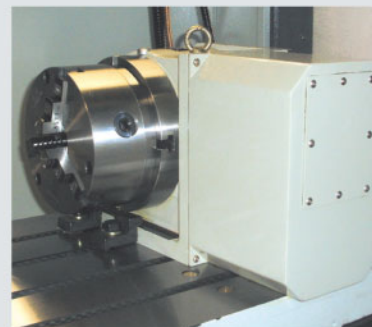
**精密高速主軸**  
精密高速主軸採用P4級斜角滾珠軸承，提供最佳的徑向及軸向止推能力，適用重切削作業  
**Precision high-speed spindle**  
The precision high-speed spindle is equipped P4 level angular contact anti-thrust bearings for heavy-duty cutting.



**直傳式滾珠螺桿**  
X, Y, Z 軸採用精密滾珠螺桿  
**Direct driving ballscrews**  
High precision ball screws  
X, Y, Z-axis



**第四，五軸旋轉工作台 (選配)**  
4, 5 Axis rotary and Tilting table (Opt.)



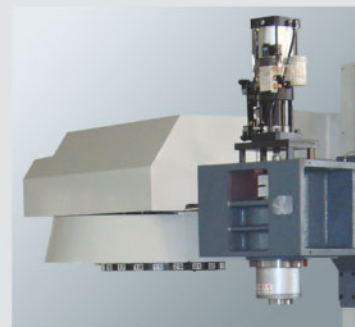
**第四軸旋轉工作台 (選配)**  
4 Axis rotary table (Opt.)



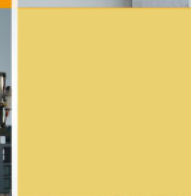
**直結式主軸 (選配)**  
主軸轉速：12000轉 / 15000轉  
**Direct drive spindle (Opt.)**  
Spindle speed:  
12000 rpm / 15000 rpm



**刀臂式刀庫20/24支刀 (選配)**  
Arm Type ATC  
20/24 Tools (Opt.)



**斗笠式刀庫20支刀 (選配)**  
Armless Type ATC  
20 Tools (Opt.)



**MILLING MACHINE**

**Vertical Machining Center**  
立式切削中心機



••• **VMC Series**

**EVEROX**

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AGENT

VMC-0115020Fashion Design 04-23328796

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**EVEROX INDUSTRIAL CO., LTD.**

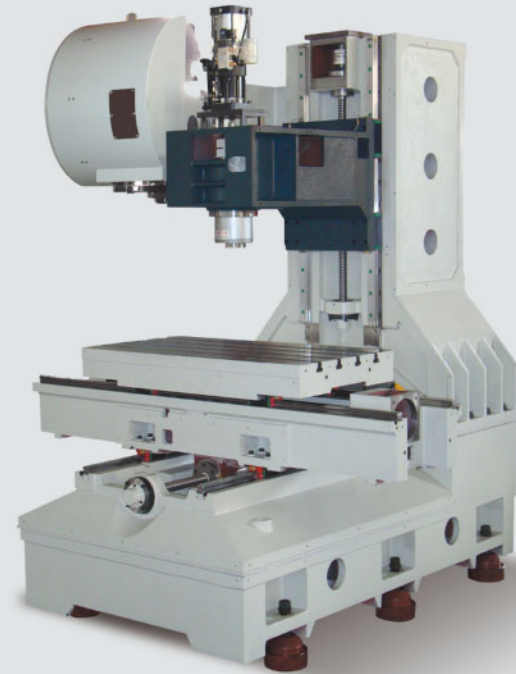


# STABLE, RIGID MACHINE STRUCTURE MAXIMUM STABILITY for HEAVY-DUTY MACHINING! 穩重·剛強的機械結構 展現重切削的穩定性!

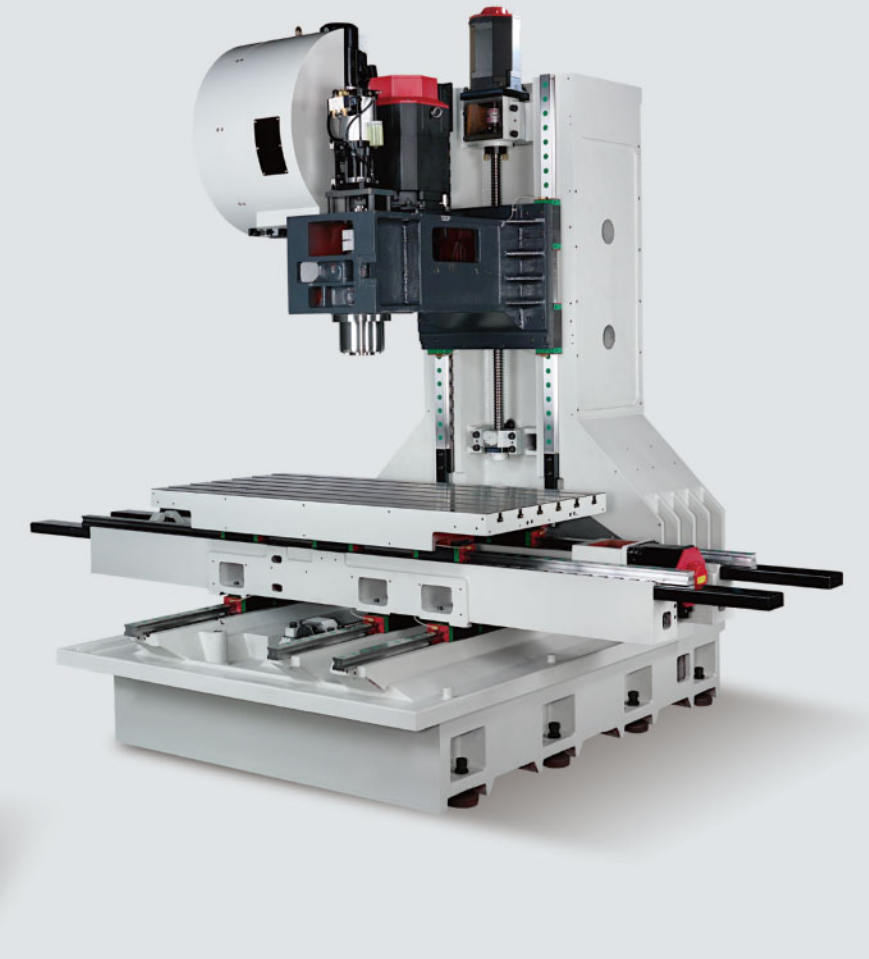
VMC Series



VMC-700 / 850 / 1000



VMC-1300 / 1500



規格表 SPECIFICATIONS

項目 ITEM	機型 MODEL	單位 UNIT	VMC-700	VMC-850	VMC-1000	VMC-1300	VMC-1300A	VMC-1500	VMC-1500A
行程 Travel	X 軸行程	X axis travel	700	850	1000	1300		1500	
	Y 軸行程	Y axis travel		500		700		700	
	Z 軸行程	Z axis travel		500 / 700 (Opt.)		600 / 800 (Opt.)		700	
	主軸鼻端至工作台面距離	Distance from spindle end to table		110~610 / 810 (Opt.)		110~710 / 910 (Opt.)		150~850	
工作台 Table	主軸中心至立柱距離 (線軌)	Distance from spindle center to column		580		780		780	
	工作台面積 (L x W)	Table size	800 x 500	950 x 500	1100 x 500	1450 x 700		1650 x 700	
	T 型槽 (# x W x P)	T - slot		4 x 18 x 100		6 x 18 x 110		6 x 18 x 110	
	工作台荷重	Max. table loading	400	450	600	1800		1800	
主軸 Spindle	主軸直徑	Spindle nose taper		BT-40		BT-40		BT-40	
	主軸轉速 (皮帶輪)	Spindle speed (Pulley)		65~8000 / 10000, 12000 / 15000 (Opt.)		8000/10000, 12000 (Opt.)		6000 / 8000 (Opt.)	
驅動馬達 Motors	主軸馬達	Spindle motor		5.5 / 7.5 / 7.5 / 11 (Opt.)		8000/10000, 12000 (Opt.)		6000 / 8000 (Opt.)	
	X, Y, Z 軸伺服馬達	X, Y, Z-axis servo motor		1 / 1 / 2 / 2 / 2 / 3 (Opt.)		2 / 2 / 3		4 / 4 / 4	
快速移動 Rapid Traverse	冷卻馬達	Coolant motor		3 BAR		3 BAR		3 BAR	
	線軌型式	Linear way type		滾珠 (Ball) / 滾柱型 (Roll) Opt.		滾柱型 (Roll) 45mm		滾柱型 (Roll) 45mm	
	X, Y, Z 軸滾珠螺桿	X, Y, Z-axis ball screw		Ø32 x P=12 x C3		Ø45 x P=12 x C3		Ø45 x P=12 x C3	
	X, Y, Z 軸快速進給	X, Y, Z-axis rapid traverse		30 / 30 / 24		30 / 30 / 18		30 / 30 / 18	
儲刀倉 ATC	三軸切削進給	3 axes cutting feed rate		1~10000		1~10000		1~10000	
	定位精度	Positioning accuracy		0.005		0.01		0.01	
	重複精度	Repeatability Pos. accuracy		±0.003		±0.003		±0.003	
	最大刀具重量	Max. tool weight		7		7		7	
機器尺寸 Machine Size	最大刀長	Max. tool length		250		250		250	
	最大刀徑 / 鄰刀空	Max. tool diameter / adjacent tool		Ø100 / Ø130		Ø100 / Ø150		Ø100 / Ø150	
	刀庫容量	Tool storage capacity		24		24		24	
	佔地面積	Floor space		2520		3260		3660	
控制器 Controller	機重	Machine weight		4200		4750		5000	
	機重	Machine weight		24		24		24	
電力消耗 Power requirement	機重	Machine weight		2750 x 2800 / 2700 (Opt.)		2750 x 3000 (Opt.)		3750 x 2800 / 3000 (Opt.)	
	機重	Machine weight		9300		9800		10000	
電力消耗 Power requirement	機重	Machine weight		15 / 20 / 25		25 / 30		25 / 30	
	機重	Machine weight		Fanuc / Mitsubishi / Siemens / Fagor / Syntec		Fanuc / Mitsubishi / Siemens / Fagor / Syntec		Fanuc / Mitsubishi / Siemens / Fagor / Syntec	

\*本公司保有變更設計之權利，如有更改或改進規格時不另行通知，但不影響前所售之機械品質。 \*All specification and designs are subjected to change without notice.

## 標準附件

- 電腦控制器
- 鬆拉刀裝置
- 自動潤滑系統
- 冷卻裝置 3 BAR
- 電器箱熱交換機
- 全罩鋁金
- 三軸伸縮鋁金
- 加工吹氣
- 工作燈
- 外掛式手輪
- RS232 介面
- 警示燈
- 剛性攻牙
- 工具箱
- 操作使用手冊

## 特別附件

- 主軸轉速 10000 / 12000 rpm (BT-40)
- 主軸轉速 8000 rpm (BT-50) (適用 VMC-1300A / 1500A)
- 直結主軸 (12000, 15000 rpm / BT40)
- 內藏式主軸 (20000 rpm / BT40)
- 主軸冷卻機
- 中心出水裝置
- 斗笠式刀庫 20 支刀 / 24 支刀
- 刀臂式刀庫 20/24 支刀
- 螺桿式排屑機
- 鏈式排屑機
- 油水分離裝置
- 第四軸 / 第四、五軸
- 變壓器
- CE / CSA 規範

## STANDARD ACCESSORIES

- CNC controller
- Tool release device
- Auto. lubricating system
- Cooling system 3 BAR
- Fully enclosed splash guard
- X, Y, Z axis telescopic steel cover
- Air blast
- Halogen work lighting
- MPG
- RS232 interface
- Alarm light
- Rigid tapping
- Tool box
- Instruction manual

## OPTIONAL ACCESSORIES

- Spindle speed 10000 / 12000 rpm (BT-40)
- Spindle speed 8000 rpm (BT-50) (For VMC-1300A / 1500A)
- Direct drive spindle (12000, 15000 rpm / BT40)
- Built-in spindle (20000 rpm / BT40)
- Spindle cooling system
- Coolant thru spindle
- Armless type ATC 20 tools
- Arm type ATC 20/24 tools
- Screw type chip conveyor
- Chain type chip conveyor
- Oil skimmer
- 4th axis / 4, 5th axis
- External transformer
- CE / CSA Approval specification