

BED TYPE MILLING MACHINE

JY-VH480 & JY-VH480NC



JIUH-YEH PRECISION MACHINERY CO., LTD.



JY-VH480

床型立橫兩用銑床
BED-TYPE VERTICAL & HORIZONTAL
MILLING MACHINE



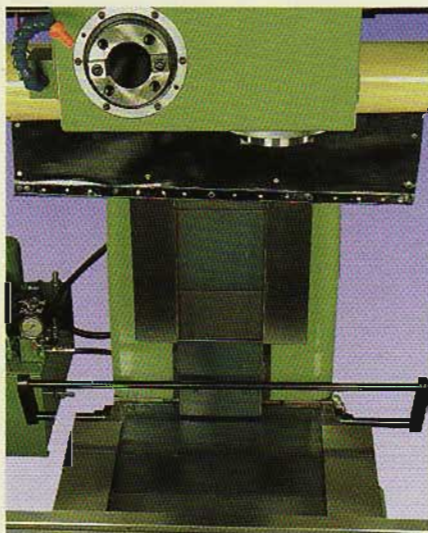


立橫雙向銑頭

可立、橫雙向一次銑切加工，若加上可迴轉工作臺，可一次五面同時加工；降低工時，提高生產力。

VERTICAL AND HORIZONTAL MILLING HEAD

It can work vertically and horizontally together. In case of optional rotary table, it can work five faces to lower work-hour and increase productivity.



Z 軸雙層防屑

Z 軸在機柱上有一伸縮護罩，在外層另有一捲縮式防熱、防油膠布，可保護 Y 軸及 Z 軸之滑動面。

Z AXIS ADOPTS DOUBLE PROTECTION

The Z axis telescopic cover is installed on column, and there is a roll of rubber cloth outside which is anti-heat to protect Y, Z axis slideway.



主軸潤滑冷卻

本機主軸箱齒輪及軸承之潤滑採外循環式，齒輪油經由冷卻風扇冷卻後，再由循環泵浦送至各齒輪及軸承潤滑以確保齒輪及軸承之壽命。

THE LUBRICATION AND COOLING OF SPINDLE

The lubricating system for spindle gear box and bearing of this machine adopts outside circulation. While the gear oil is cooled by the cooling fan, it will be flowed to gear and bearing through pump, to keep these spare parts' life.



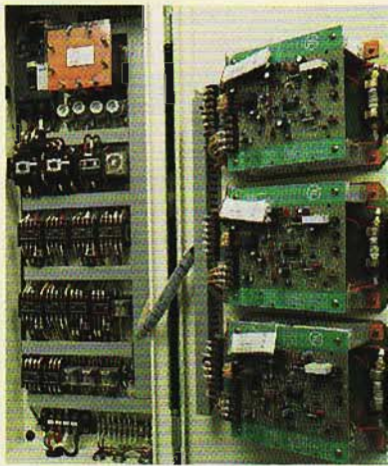
美觀實用的防屑護罩

X 軸及 Y 軸均採用美觀耐用的伸縮式保護罩，可防止滑動面被鐵屑刮傷，延長機械壽命。

PRACTICAL TELESCOPIC COVER

X, Y axis adopt nice looking and durable telescopic cover which can prevent scraping on the slideway by chips to endure the machine.

特性及附件 FEATURES & ACCESSORIES



整齊劃一的電器控制箱

內部配線，整齊美觀，均採標準電器零件。

WELL ORGANIZED ELECTRIC CABINET.

Standard electrical and electronic components are adopted. Electrical and electronic circuits are properly concealed.

特性：

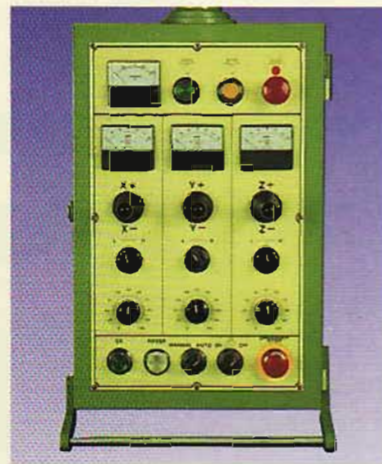
- * 配備集中式自動潤滑系統。
- * 配備冷卻系統。
- * 各行程極限裝有極限開關，安全性高。
- * 工作台為全支撐式設計，不懸垂，真直度精確耐用。
- * 工作台低，便於上下工作。
- * 所有結構採 FC30，並經過退火處理，無內應力。
- * 所有滑軌經過高週波表面硬化處理及精密的研磨，X.Y 軸滑軌接觸之滑動面皆貼有低磨阻係數的氟樹脂。
- * Y.Z 軸滑道採用空壓裝置緊固，可防重切削時工作台之位移，以確保工件加工精度。
- * 三軸可同時快速移動。

標準附件：

- 自動潤滑系統（壹套）
- 冷卻系統（壹套）
- 空壓鎖定系統（Y.Z 軸）
- 伸縮護罩（X.Y.Z 軸）
- 滑動面貼鐵弗龍
- 工具箱（壹只）
- 工具（共七種）
- 主軸拉桿螺絲（立橫各一支）
- 水平墊片（8 片）
- 水平調整螺絲（8 支）

特別附件

- ★ 光學尺（X.Y.Z 三軸）
- ★ 鋼珠導螺桿（X.Y 兩軸）
- ★ 自動鎖刀裝置（立、橫主軸）
- ★ 可迴轉工作台（15°、45°、90°）
- ★ 磁鐵
- ★ 主軸馬達剎車裝置
- ★ 石英工作燈



集中式操作面板

全部控制集中操作，免除操作上之疲憊，提高生產效率。

INTEGRAL CONTROL PANEL

Controls are integrated on a panel, enhancing simple and easy operation thus avoiding fatigue and increase working efficiency.

FEATURES:

- * Integrated automatic lubricating system
- * Cooling system
- * Each travel axis is equipped with limit switches to ensure safety.
- * Consolidated rigid cast-iron design treated annealing process providing high precision and reliable operation.
- * Low table height convenient for work piece handling.
- * Casted machine structure using FC 30 material which has been treated by annealing process to eliminate internal stress.
- * All slideways have been treated by high frequency surface treatment and precision ground. The X.Y axis slideways coated with low-friction property material TURCITE-B.
- * The Y.Z axis slideways are secured by compressed air, to avoid table movement while heavy cutting, ensuring workpiece accuracy.
- * Three axis could moved rapidly at the same time.

STANDARD ACCESSORIES:

- Automatic lubricating system
- Cooling system
- Air pressure lock system
- Telescopic cover
- The slideway are coated with TURCITE-B
- Tool box
- Tooling
- Spindle draw bar screw
- Leveling pad
- Leveling screw

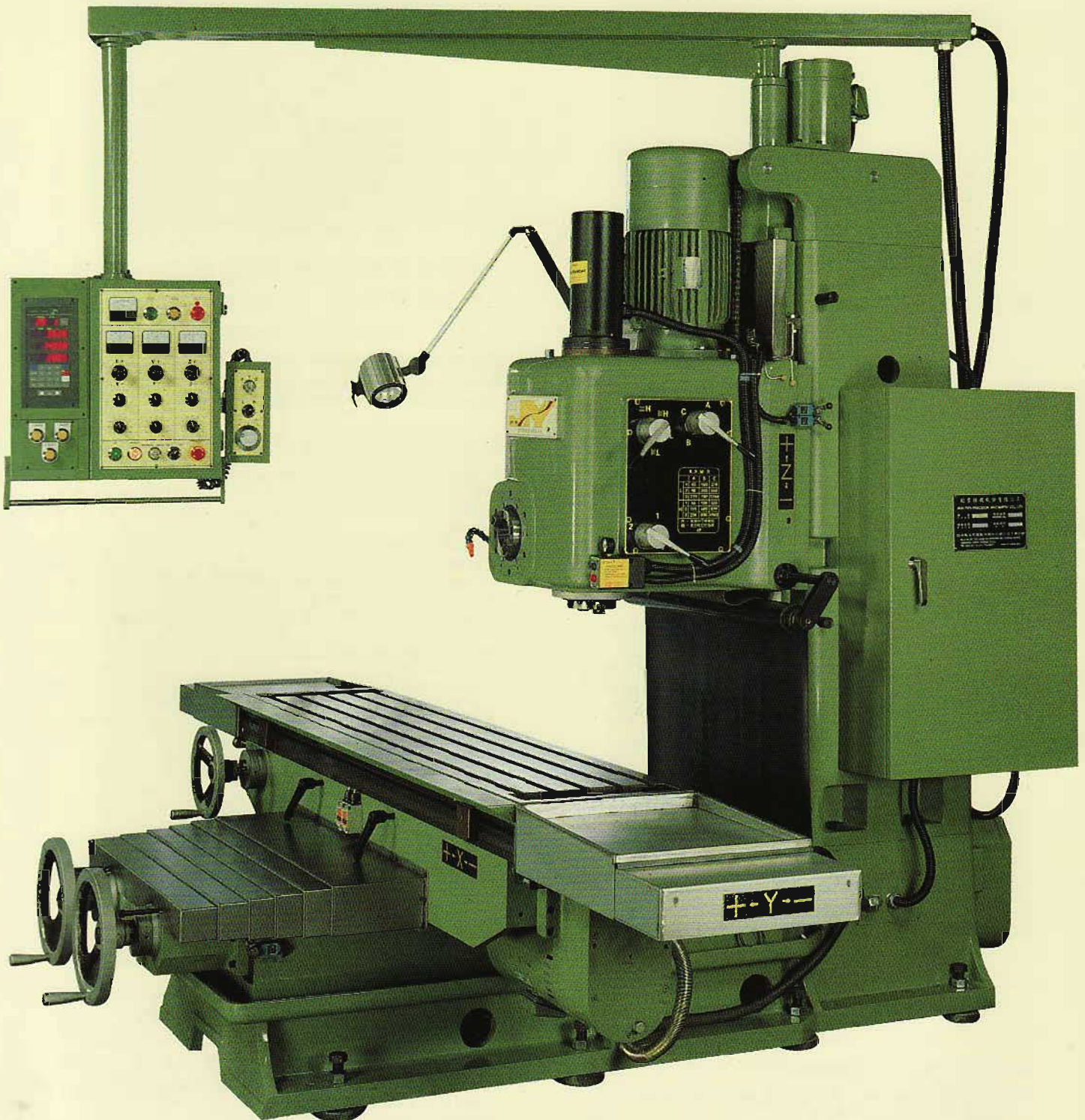
OPTIONAL ACCESSORIES:

- ★ Digital readout/linear scale(X.Y.Z)
- ★ Ball screw(X.Y)
- ★ Automatic tool locking equipment/Power draw bar (Vertical and horizontal spindle)
- ★ Rotary table(15°、45°、90°)
- ★ Magnet(400×800)
- ★ Spindle motor braking equipment
- ★ Halogen work light

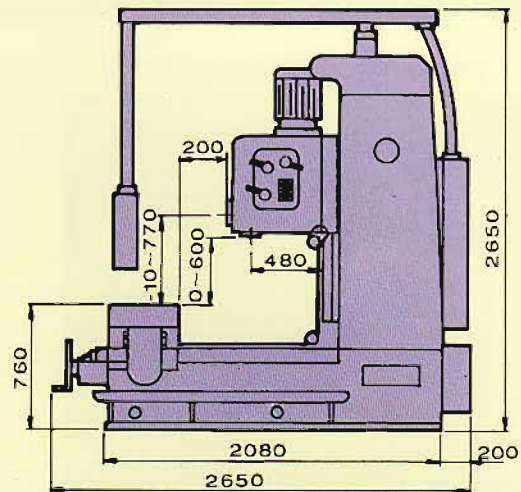
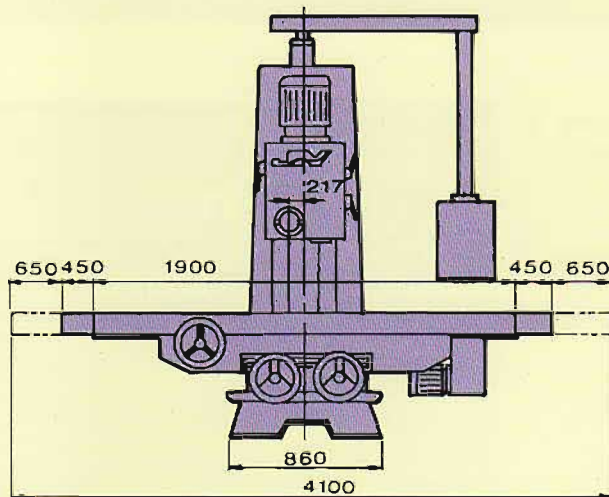
JY-VH480NC

床型立橫兩用簡易型NC銑床
BED TYPE VERTICAL & HORIZONTAL SIMPLE NC
MILLING MACHINE

* 本機種可改裝三菱 M64 或發那克控制器
The machine can be change to equip controller of MITSUBISHI M64 or FANUC



JY-VH480 外觀尺寸圖 OUTWARD DIMENSION



規格SPECIFICATION/型式MODEL			JY-VH480	JY-VH480NC
工作台 Table	工作台面尺寸 / Table size	mm	1900x420 (74x16 inches)	1900x420 (74x16 inches)
	左右行程 / X axis travel	mm	1300(51inches)	1300(51inches)
	前後左右 / Y axis travel	mm	850 (29 inches)	850 (29 inches)
	上下行程 / Z axis travel	mm	780 (30 inches)	780 (30 inches)
	T 型槽(尺寸×槽數×間距) / T-slot(size×trough number×gap)	mm	18 X 5 X 80	18 X 5 X 80
	左右及前後進給(無段) / X.Y feedrate (variable speed)	mm/min	30~2800	30~2000
	左右及前後快移速率 / X.Y rapid travel	mm/min	2800	5000
	上下進給(無段) / Z axis feedrate (variable speed)	mm/min	30~2800	20~2000
	上下快移速率 / Z axis rapid travel	mm/min	2800	5000
切削工件參考 工作範圍 Range of Cutting Reference	切削長度 / Cutting length	mm	1300	1300
	切削寬度 / Cutting width	mm	450	450
	切削高度 / Cutting height	mm	500	500
	承載重量 / Loading weight	kg	1500	1500
立主軸 Spindle (Vertical)	主軸轉速(60HZ) / Spindle speed (60HZ)(18 step)	R.P.M	45~1500(18段)	45~1500(18段)
	主軸端孔斜度 / Spindle nose	N.S.T	NT50	NT50
	軸端至工作台面距離 / Spindle center to table surface	mm	0~600	0~600
	軸心至機柱滑動面距離 / Spindle nose to table surface	mm	480	480
橫主軸 Spindle (Horizontal)	主軸轉速(60HZ)(18段) / Spindle speed (60HZ)(18 step)	R.P.M	45~1500(18段)	45~1500(18段)
	主軸端孔斜度 / Spindle nose	N.S.T	NT50	NT50
	軸心至工作台面距離 / Spindle center to table surface	mm	-10~770	-10~770
	軸端至工作台面距離 / Spindle nose to table surface	mm	260	260
馬力 Power	主軸馬達 / Spindle motor		10HP X 4P AC	10HP X 4P AC
	X 軸進給馬達 / X axis feedrate motor		2HP X 4P DC	2HP X 4P DC
	Y.Z軸進馬達 / Y.Z axis feedrate motor		2HP X 4P DC	2HP X 4P DC
尺寸、重量、材積 Packing Dimension	長×寬×高(裝箱後) / L×W×H(after packing)	mm	3050x2280x2560	3050x2280x2560
	淨重(裝箱前) / Net weight(before packing)	kg	5500	5500
	毛重(裝箱後) / Gross weight(after packing)	kg	6500	6500

* 基於研究改進之需要，本公司保留規格及尺寸修改之權力，恕不另外通知。

All specifications and designs are subject to change without prior notice.



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