



# 登宇銑床

## DENG-YEU MILLING MACHINE

重切削. 高效率. 高精度. 多功能

以智慧結合新型技術顛覆傳統, 再次展現工藝新領域

Heavy cutting, high efficiency, high precision and multi-functional  
To withdraw the tradition to present a new category of  
the handicraft by means of state-of-the-art technology with intelligence



**DY-2500SVH** 床型立橫兩用銑床  
DOUBLE-PURPOSE OF VERTICAL & HORIZONTAL MILLING  
MACHINE WITH BED MODEL

# DENG-YEU MILLING MACHINE



**DY-2500HY**

油壓銑床

HYDRAULIC MILLING MACHINE WITH BED MODEL



**DY-2500V**

立式銑床 VERTICAL MILLING MACHINE



**DY-2500VH**

立橫銑床 VERTICAL





單軸控制器



強力副銑頭



**DY-2500H**  
臥式銑床

MILLING MACHINE WITH BED MODEL



**DY-2500U**

強力銑床 FORCEFUL MILLING MACHINE

& HORIZONTAL MILLING MACHINE

**本機械特點:**

1. 所有鑄件採用米漢納鑄鐵經退火應力消除;滑道X、Y、Z軸熱處理研磨;X、Y軸滑道全面貼覆耐磨片,滑行輕巧耐磨耗。X、Y軸採用C5級,預壓式螺帽精密滾珠螺桿,押送平順背隙小定位佳,X、Y、Z軸各滑道及螺桿採定時自動給油,確保各部精準。
2. 工作台面採固定式,鞍座寬度與工作台面接觸面特長,加工穩定性高。
3. 床身面加寬,增強剛性與韌度。
4. 2500系列以上X、Y軸採伺服自動進給,上下快速昇降減少工時。Z軸為減速為達快速昇降。
5. 立銑頭採用強力結構砲塔頭,主軸內部研磨齒輪為強制給油,20段變速(亦可選配變頻無段變速),軸心可自動搪孔縮短工作時間加強企業競爭力。

**Features:**

1. All casting is finished through annealing stress with M casting iron ; the slides for X, Y, Z axle are handled by heating and grinding; the sliding for X, Y axle is light and clever without abrasion because of pasting anti-abrasion pieces. We use C5 level for X, Y axle, pre-pressed nut of precise bead-rolling rod, which is to press smoothly and position well due to small gap. Using the timing oil-filling on X, Y, Z axle and nut in order to ensure the precision for each section.
2. A fixed working table, a contact plane between the width of the saddle and the working table is so long that allows a high stability of processing.
3. A wider table plane is able to emphasize a rigidity and tenacity.
4. Using server auto-feeding on X, Y axle for over 2500 series and reducing working hours by rapid up and down motions. In order to reach a rapid up and down motion, Z axle is a function of reducing speed.
5. Using a cannon head with strong structure of vertical milling head. The inside grinding gear is to fill oil by enforcement, 20-stage transmission. (it's optional to select frequency non-stage transmission.) To shorten the working time and upgrade the enterprise competition because the core of the axle is able to have a boring automatically.

規 格 MODEL	2500 SVH	2500 VH	2500 H / V	2500 U	2500 HY
<b>工作檯</b> TABLE					
工作檯面積 Working surface of table	1500x352mm	1500x352mm	1500x352mm	1500x352mm	1500x352mm
左右行程 Longitudinal travel	1050mm	1050mm	1050mm	1050mm	600-1200mm
前後行程 Cross travel	350mm	350mm	350mm	350mm	350mm
上下行程 Vertical travel	390mm	390mm	390mm	350mm	390mm
T型槽尺寸 T-slots (size x number x distance)	18mx3x70mm	18mx3x70mm	18mx3x70mm	18mx3x70mm	18mx3x70mm
前後左右進給速率 Range of longitudinal feeds (mm/min)	20-1200mm	20-1200mm	20-1200mm	20-1200mm	手動
前後左右快移速率 Rapid longitudinal traverse (mm/min)	2300mm	2300mm	2300mm	2300mm	2300mm
上下快移速率 Rapid vertical traverse	500mm	500mm	500mm	500mm	500mm
<b>橫主軸</b> HORIZONTAL MILL SPINDLE					
主軸轉速6段 (12段) Range of spindle speeds (6set teps)	65-740(65-1480)	65-740(65-1480)	H:65-740(65-1480)		65-740(65-1480)
主軸端孔斜度 Taper of spindle nose	NST 40#	NST 40#	NST 40#		NST 40#
軸心至工作檯之距離 Distance of spindle center to table top	100-490mm	100-490mm	100-490mm		100-490mm
軸心至伸臂端之距離 Distance of spindle center to overarm bottom (6set teps)SVH	190mm	124mm	H:124m		124mm
<b>立主軸</b> VERTICAL SPINDLE					
主軸轉速 Range of spindle speeds (20set teps)	20段(20set teps)37-3000 無段(Non-set tep)0-3600	20段(20set teps)37-3000 無段(Non-set tep)0-3600	2500 V 20段(20set teps)37-3000 無段(Non-set tep)0-3600	6段(6set teps)57-606 12段(12set teps)57-1227	
主軸通心軸上下行程 Spindle travel	140m/m	140m/m	140m/m	固定	
主軸端孔斜度 Taper of spindle nose	NST40#	NST40#	NST40#	NST40#(50#)	
立銑頭之旋轉角度左右各 Swivelling angle of vertical milling head (R&L) each side	90°	90°	90°		
主軸端至工作檯面之距離 Distance of spindle end to table top	高(MAX) 615 低(MIN) 220	高(MAX) 550 低(MIN) 160	V:高(MAX)550,低(MIN)160 H:高(MAX)490,低(MIN)100	高(MAX) 400 低(MIN) 0	
伸臂旋轉角度 Swivelling overarm	360°				
伸臂前後移動距離 Traverse of over arm	450mm	450mm	450mm		
主軸進給3段 Feed of spindle (3 steps)	0.035, 0.07, 0.14	0.035, 0.07, 0.14	0.035, 0.07, 0.14		
軸心至機柱擺動之距離 Distance of spindle center to column surface	110mm-700mm	110mm-700mm	110mm-700mm		
<b>電動機</b> MOTORS					
立主軸 Vertical spindle	3HP 4/8P (5HP變頻馬達) (Frequency Motor)	3HP 4/8P (5HP變頻馬達) (Frequency Motor)	3HP 4/8P (5HP變頻馬達) (Frequency Motor)	5HP 7-1/2HP	
橫主軸 Horizontal spindle	5HP4P (5HP 4/8P)	5HP4P (5HP 4/8P)	5HP4P (5HP 4/8P)		5HP4P (5HP 4/8P)
工作檯前後左右 Table longitudinal feed	DC伺服馬達(Server Motor)	DC伺服馬達(Server Motor)	DC伺服馬達(Server Motor)	DC伺服馬達(Server Motor)	油壓進刀
立柱上下 Column up-down	1HP減速馬達(Reducing Motor)	1HP減速馬達(Reducing Motor)	1HP減速馬達(Reducing Motor)	1HP減速馬達(Reducing Motor)	1HP減速馬達(Reducing Motor)
冷卻泵浦 Coolant pump	1/8 HP	1/8 HP	1/8 HP		1/8 HP
淨重 Net weight	2200-2500Kg	2450Kg	2200-2300Kg	2200Kg	2200Kg
包裝尺寸 Packing Measurement (Seaworthy wooden case)	1660x1790x1810mm	1660x1790x1810mm	1660x1790x1960mm	1660x1690x1960mm	1650x1670x1960mm

※ 機械規格及設計如有變更, 恕不另行通知

※ There will be some changes for the specification and the design from time to time without any prior notice.

標準附件: 1. 冷卻泵浦裝置1式

2. 工具 1 式
3. 工具箱 1 個
4. 銑刀軸 1 式 (橫式配件)
5. 銑刀套筒 1 式 (橫式配件)

**NORMAL ACCESSORIES:**

1. One unit of Cooling Pump Device.
2. One unit of Tool.
3. One tool kit.
4. One Milling Knife Axle (horizontal accessory).
5. One Milling Knife Package (horizontal accessory).



**登宇機械科技工業有限公司**  
**DENG-YEU MACHINERY TECHNOLOGY CO., LTD.**

http://www.dengyeu.com E-mail:service@dengyeu.com

公 司: 台中市東區振興路364號  
通訊處: 台中市南屯區南屯路文山南巷9-1號  
No. 9-1 Wen Shan Nan Lane, Nan Gwen Road,  
Nan Gwen District Taichung Taiwan R.O.C.  
Tel:04-2381-1347 Fax:+886-4-2381-6095