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CNC

+ CNC 金屬加工設備

METALWORKING EQUIPMENT



Reliable Brand, Reliable Machine

公司介紹
COMPANY

The Leader is the result of year's experience of technical research and service, which can be used to achieve any complicated shape and configuration quickly and precision accomplish work pieces.

For achieve competitive advantages of higher productivity and lower working cost. It will be replaced by precision and higher stability machinery, for the curtain walls and aluminum window sectors frequently seen now, massive use of longer aluminum / iron material is an essential element for the appearance of modern buildings.

Facing such trend, Leader will continue developing innovative products to meet your various demands for the product.

立得精密科技-CNC中心加工機，累積多年客服的經驗，將任何細長型工件，精準且迅速的完成工件。為符合高產能與低成本的競爭優勢，取而代之的是精準且穩定性高的機械。最常見的鋁帷幕加工，太陽能框架加工，機械手臂等細長金屬長料。立得將不斷的研發各種新技術，來服務你對產品的不同需求。





TP-Series

Facing such trend, Leader will continue developing innovative products to meet your various demands for the product.

特點

Feature

- ① X軸加工長度規格分為3000/4500/6500/mm三種規格，另可客製
- ② 使用精密高速主軸，穩定性高，壽命長，可長時間加工
- ③ 使用動柱形式，以最小之機械體達到最大加工範圍
- ④ 三軸採精密級滾珠線軌，提升加工時的精準度與穩定性
- ⑤ 操作箱為可活動設計，方便零件校正與快速操作
- ⑥ 三軸皆以雷射校正，絕對保證機械精度在必需公差內

- ① X-axis working length is available in three specifications of 3500 / 4500 / 6500mm and custom-made orders are also acceptable.
- ② Use precision high-speed Spindles to provide higher stability, longer life and longer working time.
- ③ Movable column type is used to achieve the maximum working range with the smallest mechanical measurement.
- ④ Precision ball linear rail is mounted on three axes to enhance the accuracy and stability during working.
- ⑤ Precision-grade gear unit/gears are used for X-axis presetting, which can be replaced with Ball Stud to enhance the precision level of the work piece.
- ⑥ Clamp-arm Cutter Magazine is used for changing the cutter above the working area to improve the working speed and increase the parts production.
- ⑦ The Operation Box is designed in a movable manner to achieve easier parts calibration and speedier operation.
- ⑧ Three axes are calibrated by laser to guarantee that the mechanical accuracy shall be within the required tolerance at all times.

A carving / tapping drilling center.

Rigid tapping up to M10, Machining material : aluminum, iron and wood materials.

綜合雕刻/攻牙鑽孔，鋼性攻牙至M12加工材質：鋁、鐵





Specifications

Machine Specification 機械規格		TPB4-35	TPB4-45	TPB4-65	RTB4-25	RTB4-65
Trip 行程	X軸行程 X	3500mm	4500mm	6500mm	2500mm	6500mm
	Y軸行程 Y	350mm			510mm	
	Z軸行程 Z	300mm			510mm	
Speed 速度	快速進給 X/Y/Z Speed infeed X/Y/Z	36/12/12M/min			32/12/12M/min	
	切削進給 X/Y/Z Leather infeed X/Y/Z	8/8/8M/min			8/8/8M/min	
Positioning Accuracy 定位精度	X軸 X Axis	齒排RACK X: ±0.04mm			螺桿Ball Screw X: ±0.01mm	齒排RACK X: ±0.01mm
	Y/Z軸 Y/Z Axis Ball Screw	Y/Z: ±0.01mm			Y/Z: ±0.01mm	
	重複定位精度 Repeatability accuracy	±0.01			±0.01	
Server Motor 伺服馬達	X軸伺服 X Server	3.5KW			4.5KW	
	Y軸伺服 Y Server	2KW			4.5KW	
	Z軸伺服 Z Server	2KW with Brake 附煞車			4.5KW with Brake 附煞車	
Main Axis 主軸	主軸馬力 Main Axis Power	5.5KW/7.5KW			7.5KW/11KW	
	主軸轉速 Main Axis R.P.M	8000 rpm			8000 rpm	
	主軸錐度 Main Taper	BT40			BT40	
Working Table 工作台	主軸鼻端至工作台距離 Axis from top working table range	150~450 mm			150~660 mm	
	工作台尺寸 Working Table	400x3500mm	400x4500mm	400x6500mm	500x3500mm	500x6500mm
ATC Knife ATC刀庫	刀具數量 Knife Handler	12			24	
	換刀方式 Exchange	夾臂式刀庫 Tapping Center Tool Changer			圓盤式刀庫 Rotary Type Tool Changer	
	最大刀徑/長度 Max length	75/180mm			75/200mm	
	最大刀具重量 Max Weight	6kg			6kg	
Coolant 切削冷卻	冷卻方式 Coolant	油霧冷卻 Oil Mist			噴水 Spray Water	
	冷卻油箱容量 coolant type	4 L			100 L	
Controller 控制器	控制器軸數 controller axis	3軸 3 Axis			3軸 3 Axis	
	傳輸方式 Transmission Type	網路傳輸 / CF 卡 / RS232 Internet Card / RS232			網路傳輸 / CF 卡 / RS232 Internet Card / RS232	
Normal 一般	排屑方式 Type of Dust	輸送帶 Chip Belt Conveyor			螺旋機 Chip & Screw Conveyor	
	集屑方式 Collect Dust Type	鏈板式輸送機 Scraper Type Clip Conveyor			鏈板式輸送機 Scraper Type Clip Conveyor	
	空壓量 Air Pressure measure	6 kg/cm ²			6 kg/cm ²	
	基本電力 Base electric	25KVA			30KVA	
	機械護罩 Safe Cover	升降門前工作區 Working area in front of the hoister door			升降門前工作區 Working area in front of the hoister door	

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Specifications

Machine Specification 機械規格		TPB3-35	TPB3-45	TPB3-65
Trip 行程	X軸行程 X	3500mm	4500mm	6500mm
	Y軸行程 Y	350mm		
	Z軸行程 Z	300mm		
Speed 速度	快速進給 X/Y/Z Speed infeed X/Y/Z	36/12/12M/min		
	切削進給 X/Y/Z Leather infeed X/Y/Z	8/8/8M/min		
Positioning Accuracy 定位精度	X軸 X Axis Ball Screw	X: ± 0.04 mm		
	Y/Z軸 Y/Z Axis Ball Screw	Y/Z: ± 0.01 mm		
	重複定位精度 Repeatability accuracy	± 0.01		
Server Motor 伺服馬達	X軸伺服 X Server	2KW		
	Y軸伺服 Y Server	2KW		
	Z軸伺服 Z Server	1.5KW with Brake 附煞車		
Main Axis 主軸	主軸馬力 Main Axis Power	3.7KW/5.5KW		
	主軸轉速 Main Axis R.P.M	8000 rpm		
	主軸錐度 Main Taper	BT30		
Working Table 工作台	主軸鼻端至工作台距離 Axis from top working table range	150~450 mm		
	工作台尺寸 Working Table	400x3500mm	400x4500mm	400x6500mm
ATC Knife ATC刀庫	刀具數量 Knife Handler	12		
	換刀方式 Exchange	夾臂式刀庫 Tapping Center Tool Changer		
	最大刀徑/長度 Max length	50/150mm		
	最大刀具重量 Max Weight	6kg		
Coolant 切削冷卻	冷卻方式 Coolant	油霧冷卻 Oil Mist		
	冷卻油箱容量 coolant type	4 L		
Controller 控制器	控制器軸數 controller axis	3軸 3 Axis		
	傳輸方式 Transmission Type	網路傳輸 / CF 卡 / RS232 Internet Card / RS232		
	儲存方式 Serve Type	64米		
Normal 一般	排屑方式 Type of Dust	輸送帶 Chip Belt Conveyor		
	集屑方式 Collect Dust Type	鏈板式輸送機 Scraper Type Clip Conveyor		
	空壓量 Air Pressure measure	6 kg/cm ²		
	基本電力 Base electric	15KVA		

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DC
SERIES

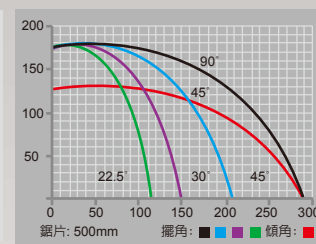
Double Mitre Saw Machine

雙頭複角裁切機

SC
SERIES

Mitre Saw Machine

單頭複角裁切機



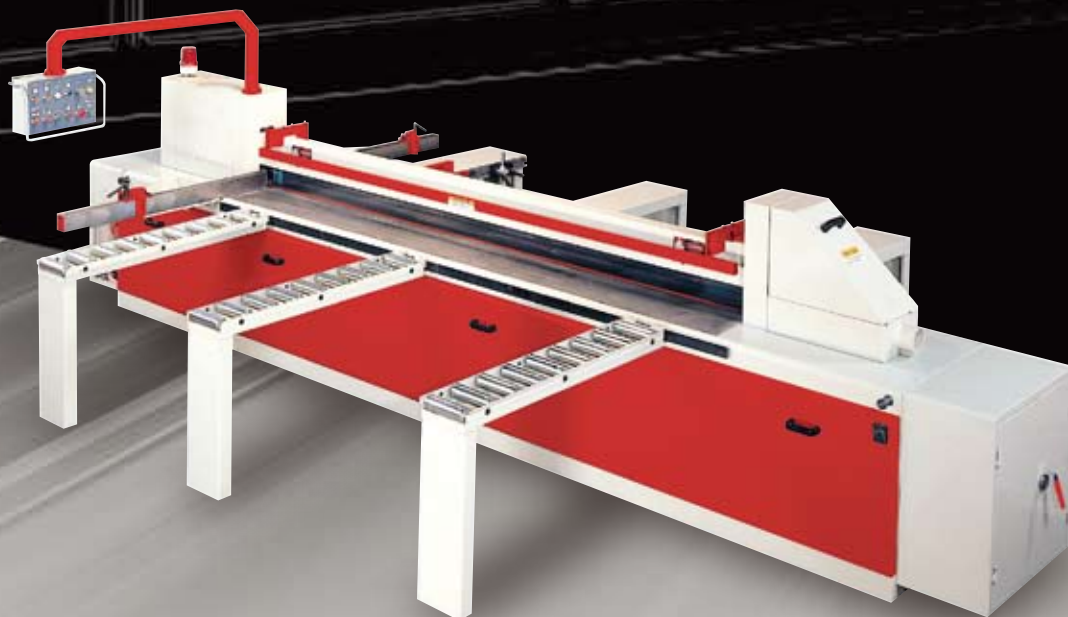
Specifications

Machine Specification 機械規格

	雙頭複角裁切機	DOUBLE MITRE SAW MACHINE	單頭複角裁切機	MITRE SAW MACHINE
Machine Specification 機械規格	DC20-45	DC20-65	SC20	
Cut Length 裁切長度	Max. 4500mm	Max. 6500mm	-	
	Min. 600mm	Min. 600mm	-	
Saw Range 鋸片擺角範圍	22.5°~90°~145°			
Saw Range 鋸片傾角範圍	90°~45°			
Transmission 傳動方式	Servo Motor 伺服馬達			
Servo Specification 伺服規格	Move / Pivot Angle / Slant Angle 移動 / 擺角 / 傾角 : 1 / 1 / 1(KW)			
Saw Size 鋸片規格	500mm (20")			
Saw RPM 鋸片轉速	1950rpm			
Saw Power 鋸片馬達	5HP			
Cutting Fluid 切削液	Azomization Coolant 油霧冷卻			
Control Type 操作方式	Touch Screen 人機觸控介面			

TPS SERIES PANEL SAW

手動裁版機



SPECIFICATIONS規格表

TPS-8	TPS-10	TPS-12
2600mm	3200mm	3800mm
	80mm	
	Ø355mm	
	Ø1"	
	4800R.P.M	
	Ø160mm	
	Ø1"	
	6500R.P.M	

型式	MODEN	TPS-8	TPS-10	TPS-12
馬達	主鋸片驅動馬達	13HP		
	鋸座驅動馬達	3HP		
鋸座	前進行程速度	12-16-21-26 M/min		
	後退速度	24-32-42-52 M/min		
其它	淨重	2200kgs	2400kgs	2600kgs
	毛重	2600kgs	2900kgs	3200kgs
	機械尺寸(長X寬X高)	206"x132"x72"	230"x132"x72"	253"x132"x72"
	裝箱尺寸(長X寬X高)	216"x40"x43"	232"x40"x63"	260"x40"x63"

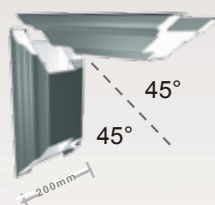
工作，尺寸規格若有變更，恕不另行通知。
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Vertical Double Miter Saw For Aluminum

垂直式鋁用雙鋸切角機

For high workpieces a miter saw features over pivot type.
Maximum height of cutting is 200mm.
For sawblades during cutting.
Workpiece clamping design ensures extremely firm clamping.
Workpiece clamping of aluminum.
Work on two precision Shafts, assuring consistent cutting.
The wear is easy to adjust.
Suitable for saving time of cutting.

1. 特別設計給高度高的加工物鋸切，超越樞軸型切角機。
2. 鋸片垂直直線式向上、下移動，鋸切高度達200mm。
3. 鋸切時鋸片自動噴霧冷卻。
4. 垂直及水平式壓料，任何鋁料均可穩固。
5. 鋸片垂直地移動在兩支精密軸心，預確保一致鋸切。
6. 因鋸片磨損而須的補償校正，可簡易地調整。
7. 可調整鋸片高度，以節省鋸切時間。



VDS-100
SERIES

Double Miter Saw For Aluminum

45°鋁用雙鋸切角機



特點:

- 1. 風推油式進鋸。鋸切速度穩定。
- 2. 垂直及水平式壓料，任何鋁料均可穩固。
- 3. 壓料壓力為可調式，鋁條不易變形。
- 4. 鋁片自動噴霧式冷卻，切面無毛邊，鋸片更耐用。
- 5. 雙鋸鋸切快速，節省時間，提升工作效率。
- 6. 足踏式開關，可自動壓料與鋸切。
- 7. 任何較長與短料均可鋸切。

FEATURES:

- 1. Cutting feed is driven by an air/hydraulic combination power for smooth feed speed. for any type of aluminum workpiece.
- 3. Workpiece clamping pressure is adjustable to eliminate aluminum deformation problem.
- 4. Automatic oil mist cooling for sawblades burr-free surface of cut, while extending
- 5. Double sawblades construction provides fast cutting, time saving and greatly upgrades efficiency.
- 6. Foot switch control for automatic workpiece clamping and cutting.
- 7. Designed for cutting long and short workpieces.

CS-18M
SERIES

CUT OFF SAW MACHINE

高速鋁料裁切機

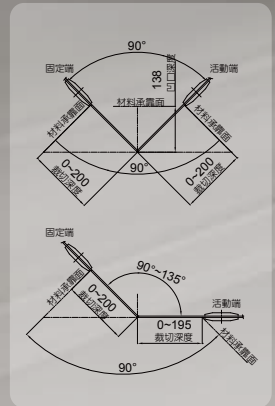


SPECIFICATIONS規格表		
型式	MODEN	CS-18M
鋸切能力 (寬x厚)	Cutting capacity (thickness x width)	2"x12", 3"x11, 4"x10"
鋸切速度	Cycle speed	25 strokes/min
驅動方式	Cycle operation	Pneumatic空壓/Hydraulic油壓
鋸片直徑 (選購)	Saw blade size (optionl)	18"
主軸直徑	Saw arbor diameter	1"
鋸片轉速	Saw blade speed	3600RPM/3200RPM
集塵罩出口徑	Dust exhaust diameter	Ø4"
馬達	Motor	7 1/2HP (10 HP optional)
工作台面尺寸	Table size	660x700mm
淨重	Net weight	350 kgs
毛重	Gross weight	410 kgs
裝箱尺寸 (長x寬x高)	Packing dimensions (LxWxH)	940x 850x1350mm

VDS-20
SERIESVertical Double Miter Saw For Aluminum
端口切角機

SPECIFICATIONS規格表

MODEN	VDS-20
鋸切能力(深度) Cutting Capacity	200mm
鋸切高度 Cutting High	400mm
鋸切直徑 Cutting Diameter	500mm / 25"
主軸直徑 Saw Arbor Diameter	25.4mm / 1"
鋸片轉速 Saw R.P.M	2850RPM
鋸片馬達 Saw Motor	5HP
驅動方式 Cycle operation	空壓&油壓
工作台長度 Working Table Length	1000mm
淨重 Net weight	
毛重 Cross Weight	
裝箱尺寸 Packing dimensions(L x W x H)	



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AD35-700
SERIESRank Drill Machine
排鑽

SPECIFICATIONS規格表

MODEN	AD35-700
排鑽鑽頭移動範圍 Moving Range	200x250mm
鑽頭最小距離 Min Range	25mm
鑽頭夾持規格 Drill Range Standards	ER16 (1~10mm)
排鑽最高轉速 R.P.M	1500rpm
驅動方式 Cycle operation	油壓 Hydraulic
油壓壓力 Hydraulic pressure	20~25kg/cm ²
最大行程 Max Trip	200mm
主軸最高轉速 Max Main R.P.M	15000rpm
料件高度 Working High	350mm

MODEN	AD35-700
選購 Option	最大長度 max length 6500(X)
油缸直徑 Cylinder Diameter	Ø110mm
主軸頭數量 Option Main Axis Q'ty	5 (選購) Option
主軸頭距離 Main Axis Range	7000mm(客製) Customer-made
排屑方式 Type of Dust	輸送帶 Conveyor
儲屑方式 Save Type	儲屑桶 Save Dust Tank
淨重 Net weight	
毛重 Cross Weight	
裝箱尺寸 Packing dimensions(L x W x H)	

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一分一毫都是完美呈獻

Every Cut is the Perfect.



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