

頂級鋸床製作工藝
A Specialized Manufacturer of Sawing Machine



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ISO 9001 CE

高優質
High Quality

高剛性
High Rigidity

高效率
High Efficiency

Superb Carbide Band Saw 高速鋸

S5



標準配備

- 高效能變頻控制鋸帶速度
- 伺服馬達控制自動送料進刀機構
- 雷射對照感應急降系統
- 前後虎鉗對照式光電感應材料長度
- 前後虎鉗線性驛碼器偵測材料寬度
- 鋸帶鋸切歪斜偵測機構
- 油壓鋸帶張力機構
- 鋸帶斷裂停機裝置
- CNC控制操作
- 材質鋸切資料庫300筆
- 油壓式鑄鋼夾緊裝置
- 滾輪式送料床面
- 高壓鋸帶清洗裝置
- 鋸帶鋸切震動制震機構
- 高效率螺旋與履帶式雙除屑機
- 油壓式調整防震滾輪
- 鋼刷旋轉變頻控制

- 全機滾柱式線軌滑塊
- 前後可移動式送料床台
- 可旋轉操控箱體搭配10.4" 人機介面
- 全罩式CE防護外罩
- 高效能螺旋傘型減速機
- 2M送料架
- 工具箱

機械選配

- 電動料架
- 夾鉗減壓閥

電控選配

- 工單掃碼輸入功能
- 切削數據匯出功能
- 切削數據遠端讀取功能
- 數據庫連線功能
- 產線自動化連線功能

Specifications

型號 Model		S4 高效鑄鋼數控帶鋸床 S4 Superb Carbide Band Saw	S5 高效鑄鋼數控帶鋸床 S5 Superb Carbide Band Saw	S8 高效鑄鋼數控帶鋸床 S8 Superb Carbide Band Saw
鋸切能力 Cutting Capacity	●	460 mm	560mm	860 mm
	■ ■	460 x 460 mm	560 x 560 mm	860 x 860 mm
鋸帶 Saw Blade	速度 Speed	10 - 150 M/min.	10 - 150 M/min.	8 - 120 M/min.
	尺寸 Size	7300 x 54 x 1.6 mm	7800 x 67 x 1.6 mm	9895 x 67 x 1.6 mm
	張力 Tension	液壓控制 Hydraulic	液壓控制 Hydraulic	液壓控制 Hydraulic
馬達 Motors	鋸帶 Saw Blade	15 HP (11 kw)	20 HP (15 kw)	25 HP (18.5 kw)
	油壓 Hydraulic	3HP (2.25 kw)	5HP(3.7kw)	5HP(3.7kw)
	冷卻 Coolant	1HP (0.75 kw)	1HP (0.75 kw)	1HP (0.75 kw)
	鋼刷 Wire Brush	90 W	90 W	90 W
	高壓水幫浦 Pressure Washing	1.5 HP (1.125 kw)	1.5 HP (1.125 kw)	1.5 HP (1.125 kw)
	除屑馬達 Chip Conveyor	1/4 HP(0.187 kw)	1/4 HP(0.187 kw)	1/4 HP(0.187 kw)
	送料伺服馬達 Bar Feed	1.3 kw	1.3 kw	1.8 kw
鋸弓伺服馬達 Blade Feed		1.8 kw	2.0 kw	2.9 kw
容量 Tanks	油箱容量 Hydraulic	130 L (34gal)	130 L (34gal)	130 L (34gal)
	水箱容量 Coolant	300 L (79gal)	300 L (79gal)	300 L (79gal)
床面高度 Bed Height		720 mm (28.3")	720 mm (28.3")	720 mm (28.3")
佔地面積 Dimensions		3600 L x 2260 W x 2430 H mm (141.7" x 88.9" x 95.7")	3800 L x 2260 W x 2440 H mm (149.6" x 88.9" x 96")	4600 L x 2260 W x 3310 H mm (181.1" x 88.9" x 130.3")
機器重量 Net Weight		7000 kg	9500 kg	12000 kg

■ 受限於技術上的需求，產品規格和設備配件變更不預先通知！

For technical demand, product specifications and equipments accessories are subject to change without notice.

Standard Equipment & Accessories:

- Variable blade speed controlled by High efficient inverter
- Servo controlled automatic feed system
- Laser controlled blade approach
- Vises collocate light sensor to capture material length
- Vises collocate linear decoder to capture material width
- Contactless band deviation monitor
- Hydraulic blade tension
- Blade breakage detector and shutoff
- Full computer numerical control
- Cutting database included 300 different materials
- Hydraulic clamp adjustable carbide insert
- Roller feed table
- High efficient pressure washer of band cleaning and chip removing
- Multiple design of anti-vibration structure
- High efficient spiral and track style chip conveyors
- Hydraulic anti-vibration roller guide
- Variable brush speed controlled by inverter

- Entire machine uses roller type linear guide
- Fore-and-aft shift capability for both front and rear vises
- Rotary control board with 10.4 inch Human machine interface
- CE-certificated full-boxed cover
- High quality NORD Motor
- 2-meter roller stand
- Tool box

Optional Equipment

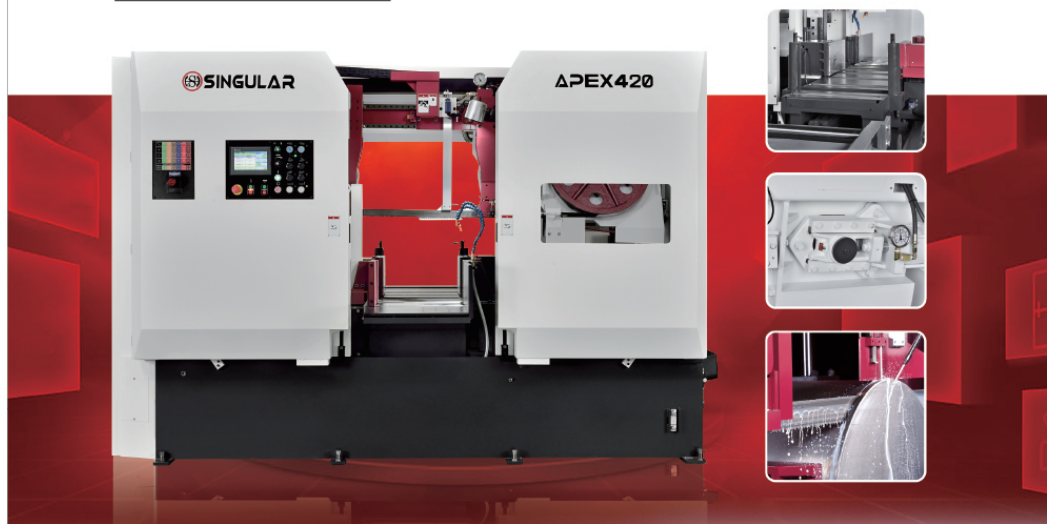
- Powered roller stand
- Variable vise pressure

Electrical control options

- QR Code scan system
- Cutting data output
- Remote data reading connection
- Database connection
- Production automation connection

Superb Carbide Band Saw 高速鋸

APEX420



產品特色

- 可視化鋸切數據：
 - 切銷率
 - 進刀量
 - 材料長寬高
- 自動偵測設定第一刀
- 活動鋸臂與夾鉗連動
- 短料切削功能：
 - 預先設定需要的長度，以後夾鉗作為擋板進行短料切削
- 雙立柱搭配線性滑軌
- 最高效率斜齒輪減速機系統

The features of Apex Series

- Visualized cutting data:
 - Cutting rate
 - Feeding rate
 - Dimensions of cutting material
- Automatic detecting and setting for first cut
- Short material cutting:
 - Presetting the length needed and using rear vises as a baffle to cut short material
- The movable saw arm is linked with the vise
- Two columns with linear guide
- Most efficient In-line helical gear reducer system

Specifications

型號 Model	單位 Unit	APEX420
鋸切能力 Cutting Capacity	mm	10~420
		W10×H10 ~ W420×H420
束型鋸切 Bundle Cutting	mm	W330×H200
		W165×H80
鋸帶 Saw Blade	尺寸 Size	5300×41×1.3
	速度 Speed	16 ~ 85
	張力 Tension	Hydraulic
馬達輸出 Motors Output	鋸帶 Saw Blade	5.5KW(7.5HP)
	液壓泵 Hydraulic Pump	2.25KW(3HP)
	冷卻泵 Coolant Pump	0.2KW(1/4HP)
油槽容量 Tanks	液壓油 Hydraulic	L 40
	切削油 Coolant	150
送料長度 Feeding Length(Single/Multiple)		mm 400
工作台高度 Working Height		mm 780
機械尺寸 Dimensions		mm W3100×L2200×H2250
機械重量 Net Weight		kg 3600

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標準配備

- PLC控制電器及液壓功能
- 變頻器控制鋸帶無段變速
- 安全停機裝置：當鋸帶斷裂時，機器透過近接開關感應停機以防意外產生
- 送料台自動進料
- 液壓鋸帶張緊裝置
- 自動感測工件高度及快降鋸弓裝置
- 油壓動力鋸鋼夾及滾珠軸承導正鋸帶
- 長度設定：磁性尺人機介面
- 20組切削長度模式設計
- 自動清屑裝置
- 動力式清屑鋼刷
- 機器清潔用噴水管
- 工作燈
- 工具箱一套
- 兩米送料架

選配

- 夾鉗減壓
- 鋸帶傾斜裝置
- 無料光電
- 束型材下壓裝置

Standard Equipment & Accessories

- PLC control for all electric and hydraulic functions.
- Infinitely variable blade speed controlled by inverter.
- Idle wheel motion detector with blade stalling and breakage shutoff.
- Shuttle type automatic feed.
- Hydraulic blade tension.
- Automatic blade height control and rapid approach.
- Carbide blade guide with roller bearing.
- Length setting: Magnetic scale.
- 20 workstations presetting.
- Automatic chip conveyor.
- Power driven blade-cleaning wire brush.
- Flushing hose for machine cleaning.
- Work lamp.
- One set of tools in tool box.
- One set of 2-meter roller stand.

Optional Equipment

- Variable vise pressure
- Blade deviation monitor.
- Out of stock monitor.
- Nesting fixture for bundle cutting.

Vertical Saw 立式帶鋸床



SV-1212

Specifications

型號/Model		SV-0612	SV-1212	SV-1013
鋸切能力 Cutting Capacity	mm	600Hx1200Wx3000L	1200Hx1200Wx3000L	1000Hx1300Wx3000L
鋸帶規格 Saw Blade	mm	7690x54x1.6 54寬鋸帶	8700x67x1.6 54或67寬鋸帶通用	8700x67x1.6 54或67寬鋸帶通用
鋸帶速度 Saw Speed	m/min	12 - 85	12 - 85	12 - 85
鋸帶張緊 Saw Tension		Hydraulic	Hydraulic	Hydraulic
主馬達 Saw blade Motor	kw	7.5	11	11
油泵馬達 Hydraulic Pump Motor	kw	3.75	3.75	3.75
冷卻馬達 Coolant Pump Motor	kw	0.37	0.37	0.37
最大送料行程 Feeding Length	mm	3000	3000	3000
工作臺高度 Working Height	mm	1420	1420	1420
機械外形尺寸 Dimensions	mm	3900Hx4100Wx6830L	4500Hx4100Wx6830L	4300Hx4110Wx6830L

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標準配置及附件：

- PLC控制及液壓功能
- 人機介面操作系統
- 浮動式送料臺
- 紅外線對刀功能
- 鋸斜檢測功能
- 液位感知功能
- 刮板式自動清屑機
- 動力式清屑鋼刷
- 工作燈
- 工具箱一套

Standard Equipments & Accessories:

- PLC control for all electric and hydraulic functions.
- Touch screen collocated with human machine interface allow easy operation and high efficiency.
- Special feeding way with rollers.
- Setting with laser.
- Blade deviation monitor.
- Coolant monitor.
- Auto chip conveyor.
- Power driven blade-cleaning wire brush.
- Work lamp.
- One set of tools in tool box.

可選配置：

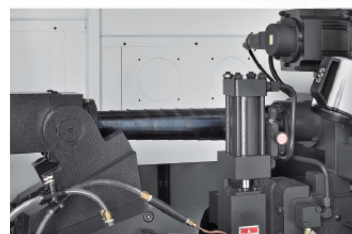
- 鋸帶清潔功能
- 壓力感知功能
- 進刀感知功能

Optional Equipments:

- Blade clean function.
- Pressure detection function.
- Feeding detection function.

Circular Saw 圓鋸機

SC75A



Specifications

型號/Model		SC-75A	SC-100A	SC-150A
鋸切能力 Cutting Capacity	●	8 ~ 75 mm	10 ~ 100 mm	55 ~ 150 mm
	■	8 x 8 ~ 60 x 60 mm	10 x 10 ~ 80 x 80 mm	60 x 60 ~ 110 x 110 mm
鋸帶馬達 Blade Motor		15 HP	15 HP	25 HP
液壓泵馬達 Hydraulic Pump Motor		2 HP	3 HP	3 HP
鋸片速度 Blade Speed		30 ~ 150 rpm		
鋸片尺寸 Blade Size (φ x kerf x Thickness)		285 x 2.0t mm	360 x 2.6t mm	460 x 2.7 x 2.25 mm
進刀方式 Blade Feed		Servo Motor and Ball Screw 伺服馬達+滾珠絲桿		
定寸方式 Bar Feed		Servo Motor and Ball Screw 伺服馬達+滾珠絲桿		
自動送料長度 Automatic Feed Length	Single	6 ~ 600 mm		
	Multiple	6,000 mm		
清屑機 Automatic Chip Conveyor		Chain Type 刮板式		
切削液 Cooling		Air Compressed Oil Mist 油霧冷卻		
機器與料價總重量 Machine Weight with Table		2,300 kg	2,800 kg	4,000 kg
占地面積 Floor Space (Machine with Table)		W2,680 x L6,820 mm	W2,920 x L6,900 mm	W3,120 x L7,230 mm

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標準配備

- 電控及油壓迴路均以PLC程式控制
- 人機介面操作系統
- 鋸帶採變頻式無段變速
- 油壓式夾鉗及下壓夾鉗
- 浮動式送料台
- 油壓式分料槽
- 無料光電
- 刮板式自動清屑機
- 動力式清屑鋼刷
- 五米自動送料架
- 工作燈
- 三色警示燈
- 工具及工具箱一套

選配

- 油霧收集器
- 夾鉗減壓

Standard Equipment & Accessories

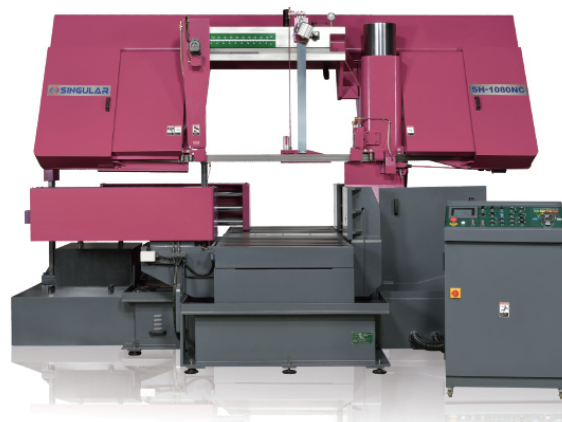
- PLC control for all electric and hydraulic functions.
- Easy conversational HMI.
- Infinitely variable blade speed controlled by inverter.
- Hydraulic front & vertical vises.
- Floating shuttle device.
- Hydraulic sorting chute.
- Photoelectric out of stock monitor.
- Automatic chip conveyor.
- Power wire brush.
- 5M-automatic loading table.
- Work lamp.
- Warning lamp.
- One set of tools in tool box.

Optional Equipment

- Oil mist filter.
- Variable vise pressure



NC Band Saw 數據帶鋸床



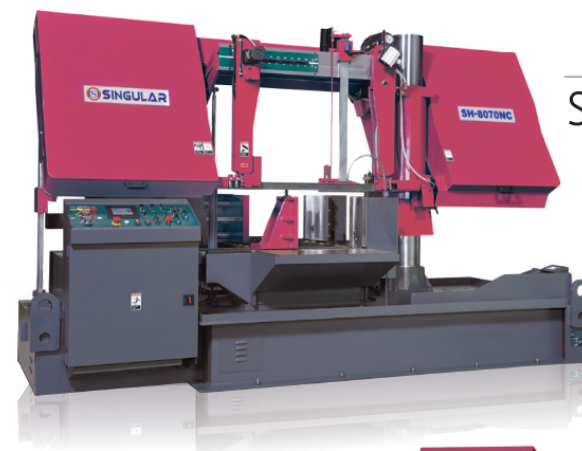
SH-1080NC



SH-6056NC



SH-4242NC



SH-8070NC



SH-5650NC



SH-3028NC

NC Band Saw Specifications

型號/Model	Unit	SH-3028NC	SH-4033NC	SH-4242NC	SH-5046NC	SH-5650NC	SH-6056NC	SH-6260NC	SH-8056NC	SH-8070NC	SH-1080NC
鋸切能力 Cutting Capacity	●	10 ~ 280	10 ~ 330	10 ~ 420	10 ~ 460	10 ~ 500	10 ~ 560	10 ~ 600	20 ~ 560	100 ~ 700	200 ~ 800
	■	W10xH10-W300xH280	W10xH10-W400xH330	W10xH10-W420xH420	W10xH10-W510xH460	W10xH10-W560xH500	W10xH10-W610xH560	W10xH10-W620xH600	W20xH20-W800xH560	W100xH100-W800xH700	W200xH25-W1,000xH800
束型鋸切 Bundle Cutting	最大 Max.	W250 x H100	W370 x H170	W370 x H200	W480 x H240	W480 x H260	W480 x H250	W480 x H440	NA	NA	NA
	最小 Min.	W165 x H15	W165 x H50	W165 x H80	W240 x H80	W240 x H80	W250 x H130	W260 x H360			
鋸帶 Saw Blade	尺寸 Size	3,820 x 34 x 1.1	4,242 x 34 x 1.1	4,880 x 41 x 1.3	5,300 x 41 x 1.3	5,450 x 41 x 1.3	6,600 x 54 x 1.6	6,560 x 41 x 1.3	7,450 x 54 x 1.6	8,250 x 67 x 1.6	8,800 x 67 x 1.6
	速度 Speed	16 ~ 85					16 ~ 85 (INV.)				
馬達輸出 Motors Output	液壓 Hydraulic	液壓 Hydraulic					液壓 Hydraulic				
	鋸帶 Saw Blade	3.7 KW (5 HP)	3.7 KW (5 HP)	5.5 KW (7.5 HP)	5.5 KW (7.5 HP)	5.5KW (7.5HP)	7.5 KW (10 HP)	5.5 KW (7.5 HP)	7.5 KW (10 HP)	11.2 KW (15 HP)	11.2 KW (15 HP)
	液壓泵 Hydraulic Pump	0.75 KW (1 HP)	0.75 KW (1 HP)	1.5 KW (2 HP)	1.5 KW (2 HP)	1.5KW (2HP)	2.2 KW (3 HP)	1.5 KW (2 HP)	2.2 KW (3 HP)	2.2 KW (3 HP)	2.2 KW (3 HP)
	冷卻泵 Coolant Pump	0.2 KW (1/4 HP)					0.2 KW (1/4 HP)				
油槽容量 Tanks	液壓油 Hydraulic	60	60	85	85	85	130	95	85	135	130
	切削液 Coolant	80	90	100	110	110	140	150	140	230	240
送料長度 (單程/多次) Feeding Length (Single / Multiple)	mm	400 / 9,999	500 / 9,999	500 / 9,999	500 / 9,999	500 / 9,999	400 / 9,999	400 / 9,999	400 / 9,999	400 / 9,999	400 / 9,999
工作台高度 Working Height	mm	700	700	700	750	750	850	800	700	800	830
機械尺寸 WxLxDimensions	mm	W2,100xL1,990xH1,300	W2,250xL2,195xH1,400	W2,450xL2,235xH1,665	W2,580xL2,240xH1,800	W2,630xL2,260xH1,820	W3,210xL2,135xH2,160	W3,210xL2,130xH2,030	W3,650xL2,340xH2,150	W3,910xL2,240xH2,300	W4,350xL2,390xH2,750
機械重量 Net Weight	kg	1,750	2,000	2,500	2,850	3,000	4,500	3,800	5,100	7,100	11,500

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標準配備：

- 電控及油壓迴路均以PLC程式控制
- 鋸帶採變頻式無段變速
- 鋸帶斷帶、卡帶停機自動偵測
- 送料台搭配耐磨滾輪油壓自動送料
- 油壓式鋸帶張力裝置
- 鋸帶上升高度依工件大小自動調整並附快速下降裝置
- 鋸帶以軸承導引、錫鋼夾持
- 長度設定：磁性尺
- 20個鋸切工作站預設功能
- 自動清屑裝置
- 動力式清屑鋼刷
- 機台清洗水管
- 工作燈
- 工具及工具箱一組
- 2米料架一組
- 光電無料感測

選擇配備：

- 夾鉗減壓裝置
- 鋸切偵斜裝置
- 下壓裝置

Standard Equipment & Accessories

- PLC control for all electric and hydraulic functions.
- Infinitely variable blade speed controlled by inverter.
- Idle wheel motion detector with blade stalling and breakage shutoff.
- Shuttle type automatic feed and sliding work table with roller.
- Hydraulic blade tension.
- Automatic blade height control and rapid approach.
- Carbide blade guide with roller bearing.

- Length setting: Magnetic scale.
- 20 workstations presetting.
- Automatic chip conveyor.
- Power driven blade-cleaning wire brush.
- Flushing hose for machine cleaning.
- Work lamp.
- One set of tools in tool box.
- One set of 2-meter roller stand.
- Out of stock monitor

Optional Equipment

- Variable vise pressure.
- Blade deviation monitor.
- Nesting fixture for bundle cutting.



SH-8056NC

Semiautomatic Band Saw 半自動帶鋸床



SH-1100SA



SH-1713SA

標準配備：

- 電控及油壓迴路均以PLC程式控制
- 鋸帶斷帶、卡帶停機自動偵測
- 油壓式鋸帶張力裝置
- 鋸帶以軸承導引 鋁鋼夾持
- 長度設定：手動設定
- 動力式清屑鋼刷
- 自動清屑裝置
- 變頻式無段變速
- 機台清洗水管
- 工作燈
- 工具及工具箱一組
- 2米料架一組

選擇配備：

- 下壓裝置
- 夾鉗減壓裝置
- 傾斜裝置
- 鋸切深度控制裝置

Standard Equipment & Accessories

- PLC control for all electric and hydraulic functions.
- Idle wheel motion detector with blade stalling and breakage shutoff.
- Hydraulic blade tension.
- Carbide blade guide with roller bearing.
- Length setting: Manual setting.
- Power driven blade-cleaning wire brush.
- Automatic chip conveyor.
- Infinitely variable blade speed controlled by inverter.
- Flushing hose for machine cleaning.
- Work lamp.
- One set of tools in tool box.
- One set of 2-meter roller stand.

Optional Equipment

- Nesting fixture for bundle cutting.
- Variable vise pressure.
- Blade deviation monitor.
- Blade height deviation control

Specifications

型號/Model	Unit	SH-3028SA	SH-4033SA	SH-5650SA	SH-8056SA	SH-1080SA	SH-1100SA	SH-1713SA
鋸切能力 Cutting Capacity	●	10 ~ 280	10 ~ 330	10 ~ 550	20 ~ 560	560 ~ 800	550 ~ 1100	695 ~ 1300
	■	W10 x H10 ~ W300 x H280	W10 x H10 ~ W400 x H330	W10 x H10 ~ W560 x H500	W20 x H20 ~ W800 x H560	W560 x H25 ~ W1,000 x H800	W550xH25~W1100xH1100	W695xH25~W1700xH1300
束型鋸切 Bundle Cutting	最大 Max.	W250 x H100	W370 x H170	W480 x H240	W480 x H280	NA		
	最小 Min.	W165 x H15	W165 x H50	W240 x H80	W260 x H160			
鋸帶 Saw Blade	尺寸 Size	3,820 x 34 x 1.1	4,242 x 34 x 1.1	5,450 x 41 x 1.3	7,450 x 54 x 1.6	8,800 x 67 x 1.6	10,000 x 67 x 1.6	13,000 x 80 x 1.6
	速度 Speed	20, 35, 50, 65, 80	20, 35, 50, 65, 80	20, 35, 50, 65, 80	16 ~ 85 (INV.)	16 ~ 85 (INV.)	15 ~ 80 (INV.)	12 ~ 75 (INV.)
馬達輸出 Motors Output	張力 Tension	液壓 Hydraulic			液壓 Hydraulic			
	鋸帶 Saw Blade	3.7 KW (5 HP)	3.7 KW (5 HP)	5.5 KW (7.5 HP)	7.5 KW (10 HP)	11.2 KW (15 HP)	11.2 KW (15 HP)	15KW (20HP)
油槽容量 Tanks	液壓泵 Hydraulic Pump	0.75 KW (1 HP)	0.75 KW (1 HP)	1.5 KW (2 HP)	2.2 KW (3 HP)	2.2 KW (3 HP)	2.2 KW (3 HP)	3.7KW (5HP)
	冷卻泵 Coolant Pump	0.2 KW (1/4 HP)			0.2 KW (1/4 HP)			
工作高度 Working Height	液壓油 Hydraulic	60	60	85	75	85	90	165
	切消液 Coolant	75	80	110	140	220	200	280
機械尺寸WxLxD Dimensions	mm	W2,110 x L1,210 x H1,520	W2,240 x L1,210 x H1,550	W2,890 x L1,550 x H1,800	W3,650 x L1,850 x H2,150	W4,350 x L2,160 x H2,650	W4,600xL2,400xH3,250	W6,200xL2,800xH3,800
機械重量 Net Weight	kg	1,200	1,650	2,600	4,900	11,000	14,000	21,000

受限于技術上的需求，產品規格和設備配件變更不予先通知。

★ For technical demand, product specifications and equipments accessories are subject to change without notice.