

機型 / Model				RSL-20		
第一系統 Main Spindle	最大加工直徑		Max. Machining Diameter		Ø20 mm	
	最大加工長度 (同步迴轉導套)		Max. Turning Length (Revolving Guide Bush)		205 mm	
	最大加工長度 (無導套)		Max. Turning Length (Non Guide Bush)		Material Dia. x 2.5 (Max.50mm)	
	外徑刀具		O. D. Tool		□12mm x 6pcs	
	固定刀具 Sleeve Holder	套筒尺寸		Sleeve Size		C22-ER16 - 4pcs
		最大鑽孔		Max. Drilling		Ø 10mm
		最大攻牙		Max. Tapping		M8
	動力刀具 Power Driven Tool	刀具數		No. of Tools		ER11 x2pcs ER16 x2pcs
		最大鑽孔		Max. Drilling		Ø 5 mm(ER11) Ø 7 mm(ER16)
		最大攻牙		Max. Tapping		M5(ER11) M6(ER16)
	動力刀具馬達		Power Driven Driver Motor		1.0 kw (Continuous) / 1.2kw (5mins. - 30%ED)	
	動力刀具最高轉速		Power Driven Tool Max. Speed		ER11 : 8,000rpm / ER16 : 6,000rpm	
主軸馬達		Spindle Motor		2.2 kw(Continuous) / 3.7kw (10mins. - 25%ED)		
主軸最高轉速		Main Spindle Speed		10,000 rpm		
第二系統 Sub Spindle	最大加工直徑		Max. Machining Diameter		Ø20 mm	
	最大夾取長度		Max. Length for Front Ejection		80 mm	
	最大伸出長度		Max. Parts Projection Length		30 mm	
	背面加工刀具 Back 4- Spindle Holder	刀具數		No. of Tools		Sleeve Tool x 4pcs (Opt. Power Driven Tool)
		最大鑽孔 Max. Drilling	固定刀具		Sleeve Tool	Ø8 mm
			動力刀具		Cross Tool	Ø6 mm
		最大攻牙 Max. Tapping	固定刀具		Sleeve Tool	M6
	動力刀具		Cross Tool	M5		
	副主軸最高轉速		Max. Sub Spindle Speed		9,000rpm	
	副主軸馬達		Sub Spindle Motor		0.55 kw(Continuous) / 1.1kw(15mins. - 40%ED)	
	動力刀具馬達		Power Driven Driver Motor		0.75kw	
	動力刀具最高轉速		Power Driven Tool Max. Speed		8,000rpm	
其他 General	軸向快速移動		Axis Rapid Speed		24m/min	
	油箱容量		Coolant Tank Capacity		180L	
	冷卻幫浦馬達		Coolant Pump Motor		960W	
	機械尺寸		Machine Dimension		2350 x 1260 x 1830 mm	
	機械重量		Machine Weight (N. W.)		1800kg	
	動力需求		Power Supply		AC/3PH/220V/10kw	
	CNC控制器		CNC Controller		FANUC 0i-F / MITSUBISHI-M80	

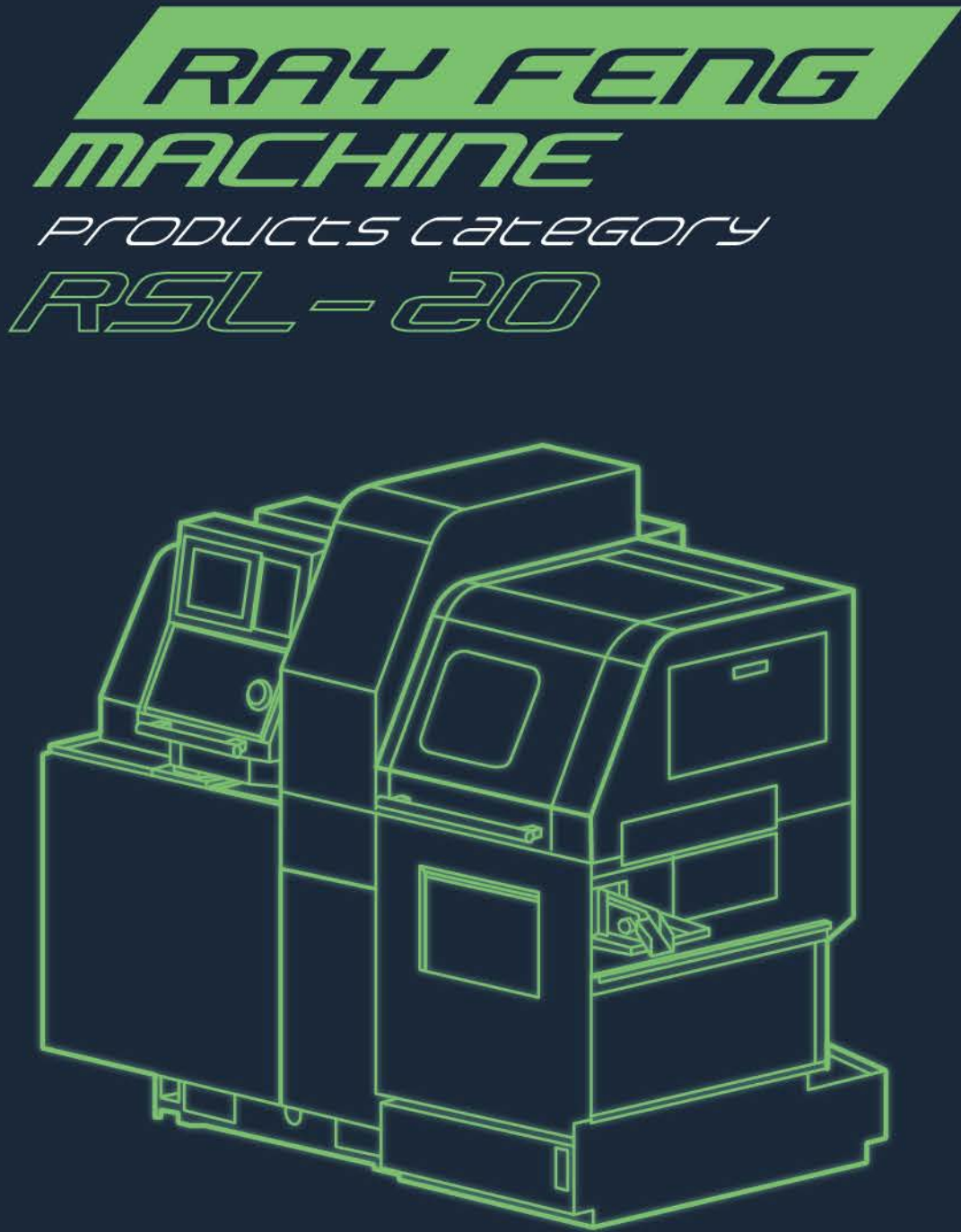
本公司保留機械及規格變更之權利，恕不另行通知。 機械在一公尺範圍內之噪音值平均為80分貝。
Design and specification are subject to change without prior notice. The sound pressure level is 80 dB(A) at the position of one meter outside the machine.

標準配備 Standard Accessories

- 10.4吋LCD彩色操作螢幕 Operation Panel 10.4 inch Color LCD Display
 - 同步迴轉導套座 Revolving Guide Bush
 - 主/副主軸開閉爪 Main & Sub Spindle Clamp Unit
 - 外徑刀具座 O.D. Tool Holder
 - 迴轉刀座 Power Driven Tool (ER11x2, ER16x2)
 - 四軸固定刀座 4 Tool Sleeve Holder
 - 背面加工刀座 Back Machining 4 Spindle Tool Unit
 - 安全門鎖 Door Interlock System
- 切削油流量檢測 Coolant Flow Detector
 - 斷料檢知 Cut Off Detector
 - 同步迴轉導套吹氣裝置 Air Cleaning for Revolving Guide Bush
 - 副主軸除屑裝置 Sub Spindle Chips Cleaning Unit (Air & Coolant Spray)
 - 成品頂料器 Parts Ejection Detector
 - 工作燈 Working Light
 - 空壓單元 Pneumatic Unit
 - 潤滑油單元 Lubrication Unit
 - 成品輸送機 Parts Conveyor

特殊選配 Optional Accessories

- 無導套座 Non-Guide Bushing Holder
 - 自動棒材送料機 Auto Bar Feeder Machine
 - 高壓幫浦裝置 High Pressure Coolant Device (30bar/70bar)
 - 油霧回收機 Oil Mist Collector
 - 全自動穩壓器 Auto Stabilizer
 - 全自動穩變壓器 Auto Stabilizer & Transformer
- CE 規範 CE Marking Version
 - 鐵屑輸送機 Chip Conveyor with Cart
 - 長工件收集器 Long Part Ejector with Guide Tube
 - 切角座 Polygon Unit
 - 圓鋸片座 Slotting Unit
 - 滾齒座 Gear Hobbing Unit



RAY FENG MACHINE CO., LTD. 瑞豐機械

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RSL-20

高剛性高精密走心式車床
A Highly Rigid Swiss Type Machine and
Excellent for Continuous Precision Machining

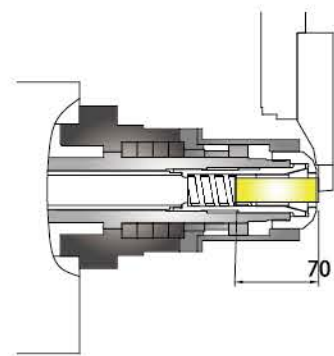
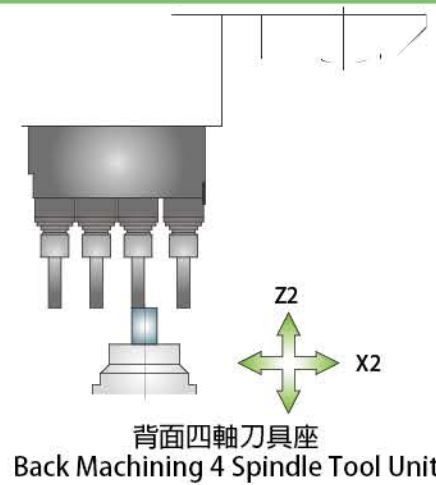
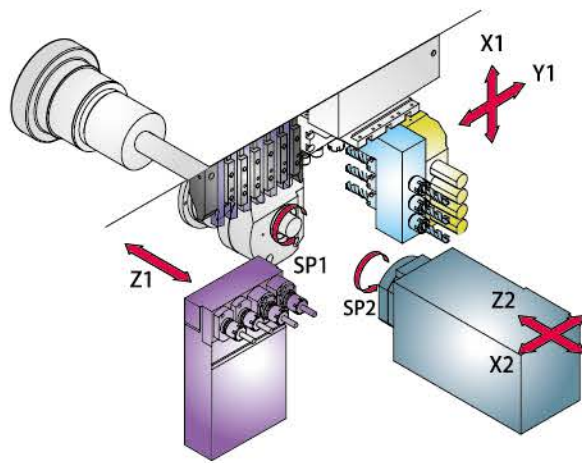


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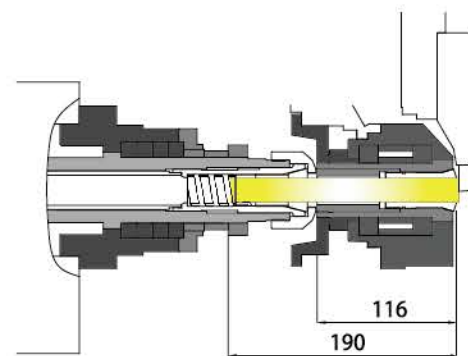
- 同步迴轉導套可輔助加工長型工件之穩定度並準確的達到高精密車削，對於短工件可替換無導套使棒材的殘材縮短以便節省材料。
- 動力系統刀座可依據您的需要變換不同排刀方式
- 主軸採用內藏式馬達可降低震動與噪音，並提升精準度。主軸最高轉速為10,000rpm。

Features

- The G.B. type can be used to regulate material deflection and achieve accurate machining. For short parts, the N.G.B. type can be used to minimize the residual material length and reduce the material cost.
- Designed to adopt various tooling options. You can choose optimal tooling to achieve highest level of productivity.
- The main spindle use built in motors to minimize vibration and noise, resulting in high accuracy. The Max. speed can be up to 10,000rpm.

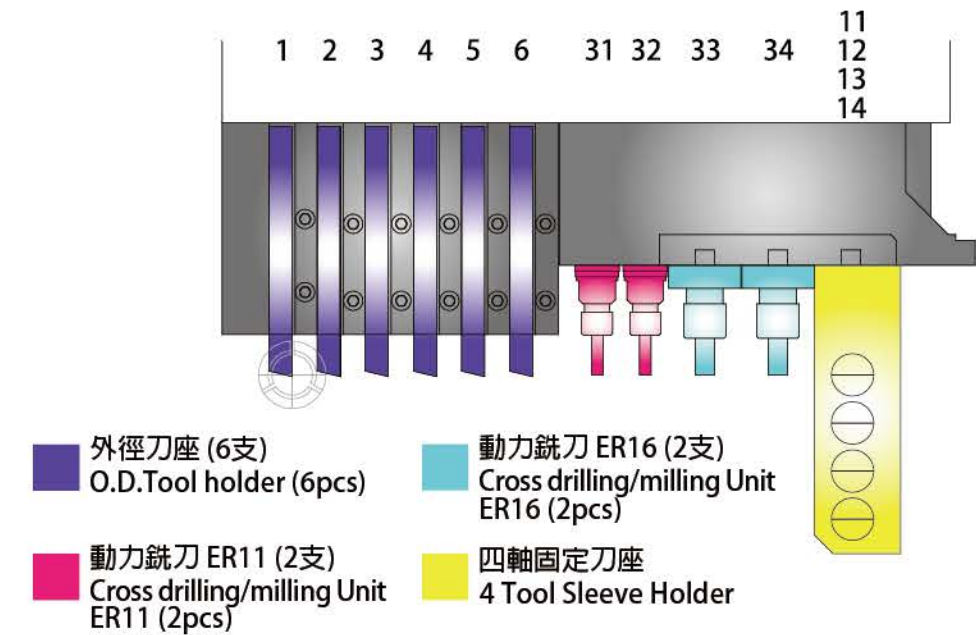


無導套 ■
將可縮短殘材，以便節省加工成本
Non Guide Bush ■
Minimize the residual material
length to save the material cost.



同步迴轉導套 ■
於加工長工件時將確保穩定性與加工精準度
Revolving Guide Bush ■
R.G.B rotate with high speed, which can stabilize
the workpiece and increase working performance.

刀具排列 Tool Arrangement



機械尺寸 Machine Dimension

