機型 / Model			S20
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)
	最小輸入單位	Min. Input Unit	0.001 mm
	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
		最大鑽孔 Max. Drilling 動力刀具 Cross Tool	Ø6 mm
		最大攻牙 Max. Tapping 固定刀具 Sleeve Tool	M6
		最大攻牙 Max. Tapping 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
- C 軸定位 (主軸與副主軸) C-Axis control (Main & Sub Spindle)
- 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
- 鐵屑輸送機 Chip Conveyor with Cart
- 長工件收集器 Long Part Ejector with Guide Tube
- 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
- 三軸正面偏心座 3-Spindle Front Power Driven Tool Unit
- 兩軸正面偏心座 2-Spindle Front Power Driven Tool Unit
- 旋風刀座 Thread Whirling Unit
- 切角座 Polygon Unit
- 圓鋸片座 Slotting Unit
- 滾齒座 Gear Hobbing Unit
- 背面三軸動力延伸座 Back Machining 3 Spindle Power Driven Tool Unit

MYLAS
MING YANG MACHINERY CO., LTD.
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Double Spindle 6 Axis, 30 Tools

Swiss Type Automatic Lathe

S20



Turning Precision Into Perfection

S20

Machine Highlights

高剛性高精密走心式車床

A Highly Rigid Swiss Type Machine and Excellent for Continuous Precision Machining







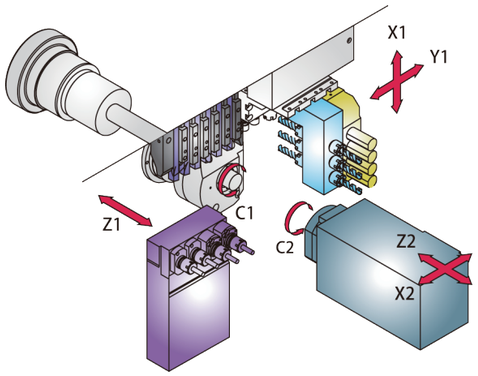


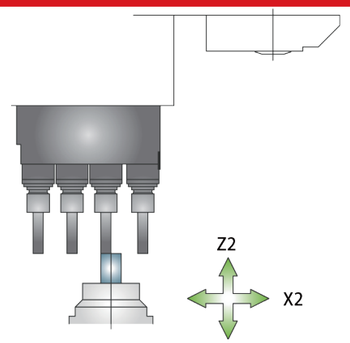
特色

- 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，並可安裝特殊刀具座，例如炫風刀座、切角座、滾齒座等…
- 背軸加工可另外選配安裝動力銑刀。
- 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。

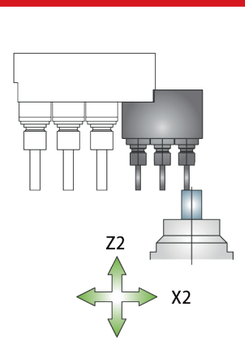
Features

- 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. For example, Thread whirling unit, polygon unit, gear hobbing unit, and etc...
- The 4 cross drilling unit for back working. (Optional)
- 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.

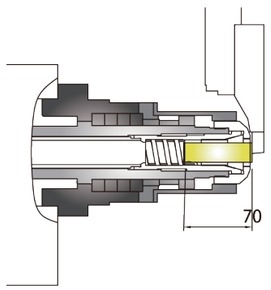




背面四軸刀具座
Back Machining 4 Spindle Tool Unit

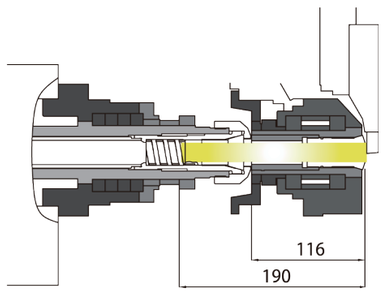


背面三軸動力延伸座
Back Machining 3 Spindle Power Driven Tool Unit



無導套■
將可縮短殘材，以便節省加工成本

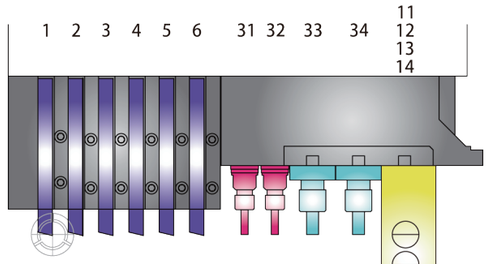
Non Guide Bush■
Minimize the residual material length to save the material cost.



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.

S20 刀具排列
S20 Tool Arrangement



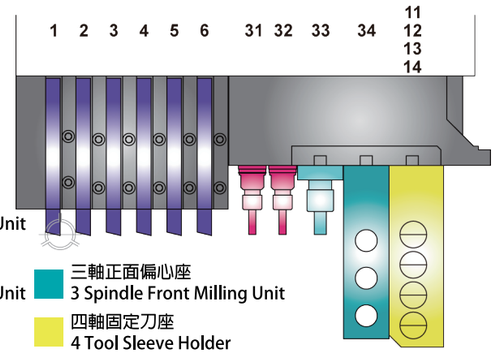
外徑刀座 (6支)
O.D.Tool holder (6pcs)

動力銑刀 ER16 (2支)
Cross drilling/milling Unit ER16 (2pcs)

動力銑刀 ER11 (2支)
Cross drilling/milling Unit ER11 (2pcs)

四軸固定刀座
4 Tool Sleeve Holder





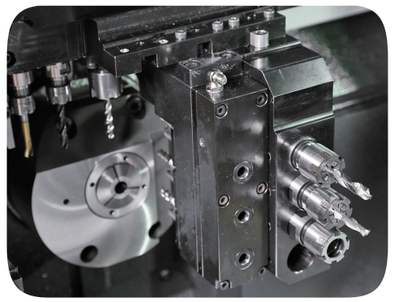
外徑刀座 (6支)
O.D.Tool holder (6pcs)

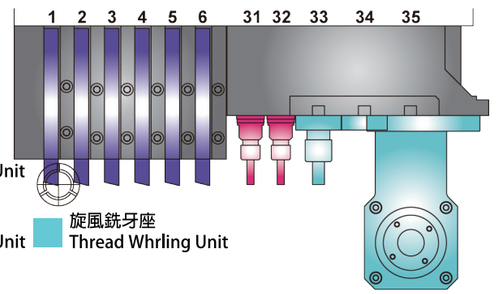
動力銑刀 ER11 (2支)
Cross drilling/milling Unit ER11 (2pcs)

動力銑刀 ER16 (1支)
Cross drilling/milling Unit ER16 (1piece)

三軸正面偏心座
3 Spindle Front Milling Unit

四軸固定刀座
4 Tool Sleeve Holder



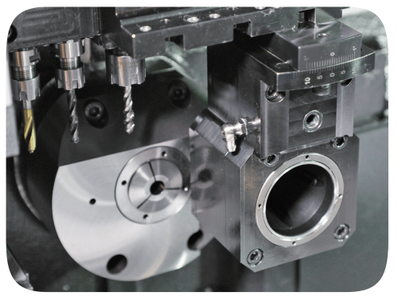


外徑刀座 (6支)
O.D.Tool holder (6pcs)

動力銑刀 ER11 (2支)
Cross drilling/milling Unit ER11 (2pcs)

動力銑刀 ER16 (1支)
Cross drilling/milling Unit ER16 (1piece)

旋風銑牙座
Thread Whrling Unit



S-20 機械尺寸
S-20 Machine Dimension

