

Leading Brand Wang Tzyy

**Little
Genius**

CNC自動車床系列 **CNC Automatic Lathe**



王主機械廠有限公司

WANG TZYY MACHINE FACTORY CO., LTD.



Certificate No. 4121-1999-AQ-RGC-RvA

簡介 INTRODUCTION

本公司係台灣地區首屈一指之自動車床專業製造廠，其所訴求之經營理念為一品質(Quality)，服務(Service)，價值(Value)。

序列產品概以凸輪組驅動，進而研發CNC走刀式與走心式系列產品，凡車削，倒角，鑽孔，攻牙，切斷均可一次完成，適合精密大小五金零件之加工。調整均以微調控制，操作容易，以達到高精密度自動化之加工要求，以降低成本，創造利潤。

Our company is the foremost specialist manufacturer of automatic lathes in Taiwan. Our management concept which we adhere to is Quality, Service, and Value.

Our series products are all driven by a cam system. Afterward, computer-based automatic lathes are developed and manufactured, including CNC Type (fixed spindle) and Swiss Type (moving spindle). The system can perform turning, chamfering, drilling, tapping and cutting-off in one process and is suitable for processing small-to-large precision parts. The adjustment is controlled by a micro-adjuster which is easy to operate. Thus, the high-precision automatic processing can be achieved with low cost and great profit.



主要產品 MAIN PRODUCTS

● CNC自動車床

Model: **CNC-20A / 25A / 32A**
CNC-20B / 25B / 32B
CNC-20C / 25C / 32C
CNC-4288 / 4295PT
SL-1693 / 3295 / 2596

● 非電腦自動車床

移軸式自動車床
Model: **W-1186S**
滑台式自動車床
Model: **W-1568 / 2068**
W-1588 / 2088

● CNC AUTOMATIC LATHE

Model: **CNC-20A / 25A / 32A**
CNC-20B / 25B / 32B
CNC-20C / 25C / 32C
CNC-4288 / 4295PT
SL-1693 / 3295 / 2596

● NON-CNC AUTOMATIC LATHE

SLIDING HEADSTOCK TYPE-AUTOMATIC LATHE
Model: **W-1186S**
SLIDING SLIDER TYPE-AUTOMATIC LATHE
Model: **W-1568 / 2068**
W-1588 / 2088

公司資料 DATA OF COMPANY

- 成立日期：JAN.1978
- 登記資本額：NT\$30,000,000.-
- 土地：4,680M²
- 廠房：3,887M²
- 員工人數：80人(JAN. 2007)
- 往來銀行：第一商業銀行
聯邦商業銀行
- ISO-9001 認證合格廠

- Establishment: Jan.1978
- Capital amount: NT\$30,000,000.-
- Land: 4,680M²
- Plant: 3,887M²
- Number of employees: 80 persons (JAN.2007)
- Bank: The First Commercial Bank
Union Bank of Taiwan
- ISO-9001 REGISTERED FIRM



**Little
Genius**

**CNC-20A/25A/32A
20B/25B/32B
20C/25C/32C**
■ SYNTEC E900T

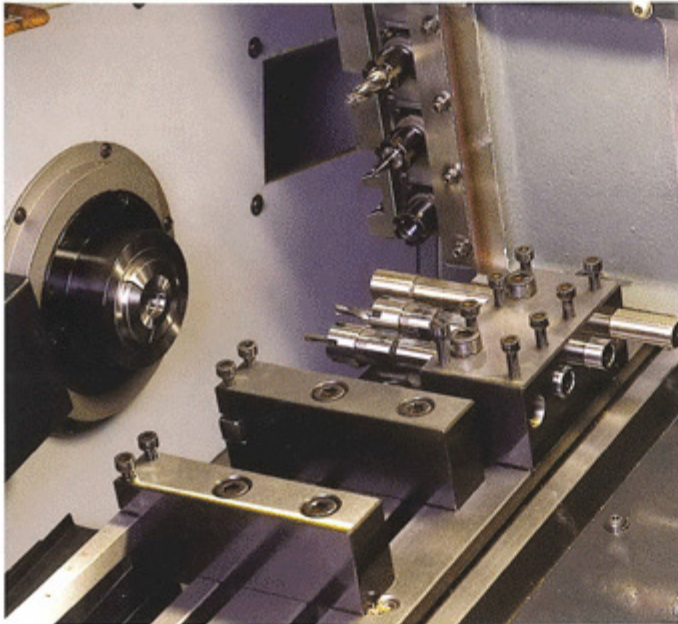
CNC自動車床

CNC AUTOMATIC LATHE



- ✓ Syntec N/C, Pou Yuen N/C or Mitsubishi N/C
- ✓ Flat Bed Structure
- ✓ Gang-Type Tooling System (15° Slanting Structure)
- ✓ 3 Axes Turning (X, Y, Z)
- ✓ Front-Side Milling and Drilling
- ✓ Horizontal and Vertical Turning Available
- ✓ Side-Face Tools or 8-Station Turret (Optional) for Milling and Tapping

Tool Layout



CNC自動車床適合於電子零件及汽車零件的加工。Little Genius的CNC自動車床系列(櫥式刀座搭配側銑刀具或刀塔), 可依使用者的需求, 輕易且準確地完成銑削、鑽孔、攻牙等動作, 加工的尺寸可由 $\varnothing 20\text{mm}$, $\varnothing 25\text{mm}$, 到 $\varnothing 32\text{mm}$ 。

CNC automatic lathe is designed for electric and electronic device, connector, instrument and hydraulic, and hardware accessory in industry, etc. Little Genius' CNC-typeA, typeB, typeC series, featured with gang type system and side turning application, is suitable for milling, drilling, tapping and side processing. Gang-type tooling system design can save time of tool change. Both side-face and vertical turning device are available. The turning size of main spindle is $\varnothing 20\text{mm}$, $\varnothing 25\text{mm}$, and $\varnothing 32\text{mm}$. In terms of customer's requirement, it can be also applied as a reprocessing machine.

● 側(立)銑裝置 (單支軸) — 適用於20A/25A/32A

功能：(1) 可銑邊、角並可作鉗側孔用途。 (2) 可配合C軸進給，做銑削加工用。

Horizontal/Vertical Milling Device of Single Shaft (for 20A/25A/32A)

Function：(1) It is used for milling side and angle and for side-hole drilling, etc.
(2) Besides, it can work with C-shaft feed rate for milling application.

● 銑刀裝置 (三支軸) — 適用於20B/25B/32B

功能：(1) 前端有五把車刀，可做車削及切斷之用途。
(2) 側面有三把銑刀，可旋轉做側面銑削、鉗孔、攻牙及剖溝等用途。
(3) 可配合C軸進給，做銑削加工用。

Milling Device of 3-shaft (for 20B/25B/32B)

Function：(1) Front-end is equipped with cutting tools (12mm) of 5 pcs which are used to do turning and cut-off;
(2) Side-face is equipped with milling cutter of 3 pcs, which can swivel and do side-face milling, drilling, tapping and slotting for side-face * end-face;
(3) Be able to apply C-shaft feed rate to do milling.

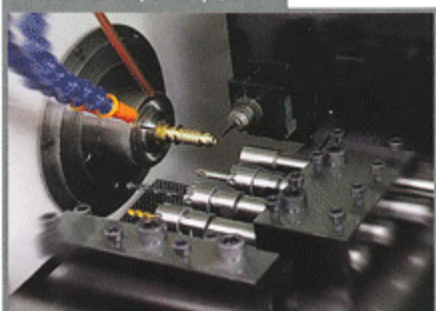
● 刀塔裝置 — 適用於20C/25C/32C

功能：配置八角刀塔，可正逆方向旋轉，方便就近選取刀具，做車削、鉗孔之用途。

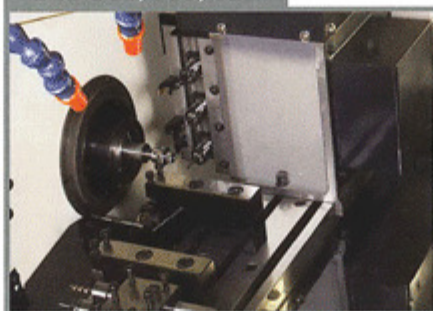
Turret Device (for 20C/25C/32C)

Function：8-station turret, which can rotate either clockwise or counterclockwise, facilitates operator to easily access the tools for turning and drilling.

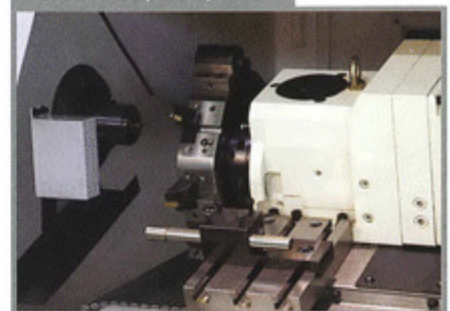
CNC-20A/25A/32A



CNC-20B/25B/32B



CNC-20C/25C/32C



Mechanics Feature

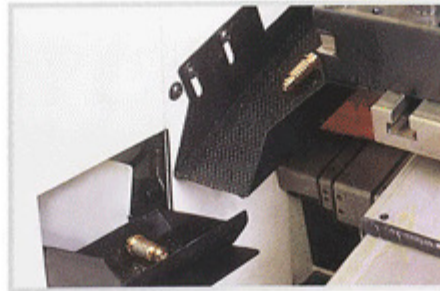


數控系統

控制系統採用最人性化的控制器——新代系統（亦可安裝三菱數控，或寶元數控），搭配容易定位的操作面板和手輪裝置。

N/C Controller

Friendly operation system features the easy positioning and MPG controller can allow operators to simulate the turning process step-by-step to avoid personal inaccuracy in advance Syntec N/C, Pou Yuen N/C and Mitsubishi N/C are available.

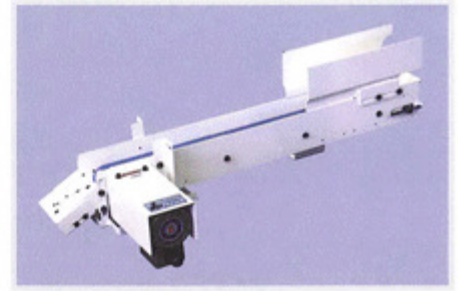


落料裝置

結構堅固的落料裝置設計，能夠讓成品部件在落料時，減低所受到的衝擊，可保持成品的完整性。

Parts-Receiving Device

The finished parts receiving device, designed in small and strong structure, can keep parts integration from its surface damage.



成品輸送帶

成品輸送帶能穩定地傳送加工完的工件。

Finished Parts Conveyor

The finished parts conveyor can stably conveyor the finished workpiece one after another.

Tooling System

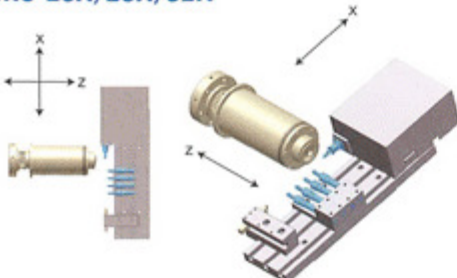
刀座可依不同的應用來選擇，如外徑車削、內徑鑽孔、工件切斷等，共配備有6組標準刀座。

- ☐ The tooling holders can be chosen based on its application, of OD roughing, ID center drilling and cutting, etc.
- ☐ Standard equipment includes 6 sets of tooling holders. The tooling holders (standard) can be changed with other ones, as client's request.

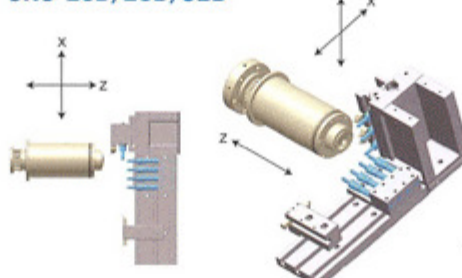


3-D Layout

CNC-20A/25A/32A



CNC-20B/25B/32B



CNC-20C/25C/32C



規格表 / Specification

系列		CNC-20A/25A/32A	CNC-20B/25B/32B	CNC-20C/25C/32C	Series
NC控制器		SYNTEC E900T	SYNTEC S900T	SYNTEC 900TE	NC Controller
加工能力	最大加工直徑	Ø20 / Ø25 / Ø32 mm	Ø20 / Ø25 / Ø32 mm	Ø20 / Ø25 / Ø32 mm	Max. Processing Diameter
Capacity	最大加工長度	60 / 75 / 96 mm	60 / 75 / 96 mm	100 mm	Max. Turning Length
	主軸鼻端			A2-4	Spindle Nose
主軸	棒材容徑	Ø20 / Ø25 / Ø32 mm	Ø20 / Ø25 / Ø32 mm	Ø20 ~ Ø32 mm	ID of Chuck Closing Tube
Spindle	主軸馬達	VAC 3 / VAC 4 / VAC 5 kw	VAC 3 / VAC 4 / VAC 5 kw	VAC 5 kw	Spindle Motor
	主軸轉速	0~5,000 rpm	0~5,000 rpm	0~5,000 rpm	Spindle Speed Range
	主軸定位	1°	1°	1°	Spindle Positioning
	刀塔型式			八角刀塔LS-120SV 8-Station Turret	Type of Turret
刀具系統	外徑刀桿橫切面尺寸	□12.7 mm / 12 mm	□12.7 mm / 12 mm	□20mm	Tool Shank Size
Tooling	最大擣孔刀桿徑	Ø16 mm	Ø16 mm	Ø20 mm	Max. Bore Dia. of Tool
System	最小輸入單位	0.001 mm	0.001 mm	0.001 mm	Min. Input Unit
	X,Z軸行程	X:620 mm / Z:100 mm	X:620 mm / Z:100 mm	X:620 mm / Z:150 mm	X,Z Axis Slide Travel
	快速移動速度	X: 18 m/min / Z: 18 m/min	X: 18 m/min / Z: 18 m/min	18 m/min	Rapid Traverse Speed
	換刀速度			0.25~0.27 sec./1stn	Turret Index Time
	X,Z軸馬達	VAC 1 KW / VAC 1 KW	VAC 1 KW / VAC 1 KW	VAC 1 KW / VAC 1 KW	X,Z Axis Motor
馬達	油壓馬達	1 HP	1 HP	1 HP	Hydraulic Motor
Motor	冷卻邦浦馬達	1/4 HP	1/4 HP	1/4 HP	Coolant Pump Motor
	油箱容量	60 L	150 L	150 L	Oil-tank Capacity
	體積 (長 × 寬 × 高)	1,855 x 1,440 x 2,010 mm	2,350 x 1,330 x 2,130 mm	2,280 x 1,330 x 2,085 mm	Dimension (W × D × H)
	重量 (約)	1,500 kgs	1,750 kgs	1,700 kgs	Weight (approximately)

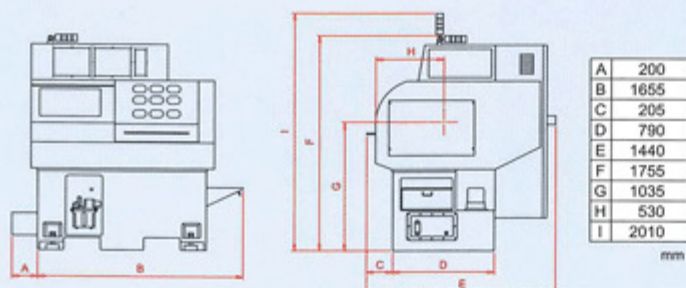
標準配備 / Standard Accessories

自動斷電裝置	Automatic Breaker
主軸吹氣裝置	Spindle Blowing Device
成品輸送機	Finished Parts Conveyor
自動潤滑系統	Automatic Lubricating System
標準型刀架 (6 pcs)	Standard Tools (6 pcs)
照明設備	Illumination Device
調整工具箱	Adjust Tools Box

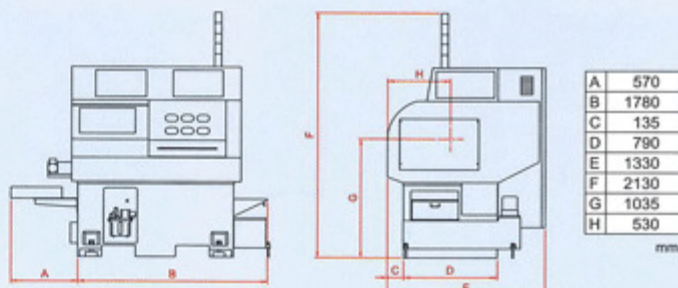
特殊配備 / Optional Accessories

自動棒材送料機	Auto Bar Feeder
銑刀裝置	Milling Device
鐵屑輸送機	Chip Conveyor
全自動穩壓器 (10KVA)	Automatic Voltage Regulator (10KVA)
全自動變壓穩壓兩用裝置 (10KVA)	Automatic Voltage Regulator & Converter (10KVA)
油壓夾頭用腳踏開關	Foot Control Switch of Hydraulic Chuck
底盤	Bottom Pan

CNC-20A / 25A / 32A



CNC-20B / 25B / 32B CNC-20C / 25C / 32C



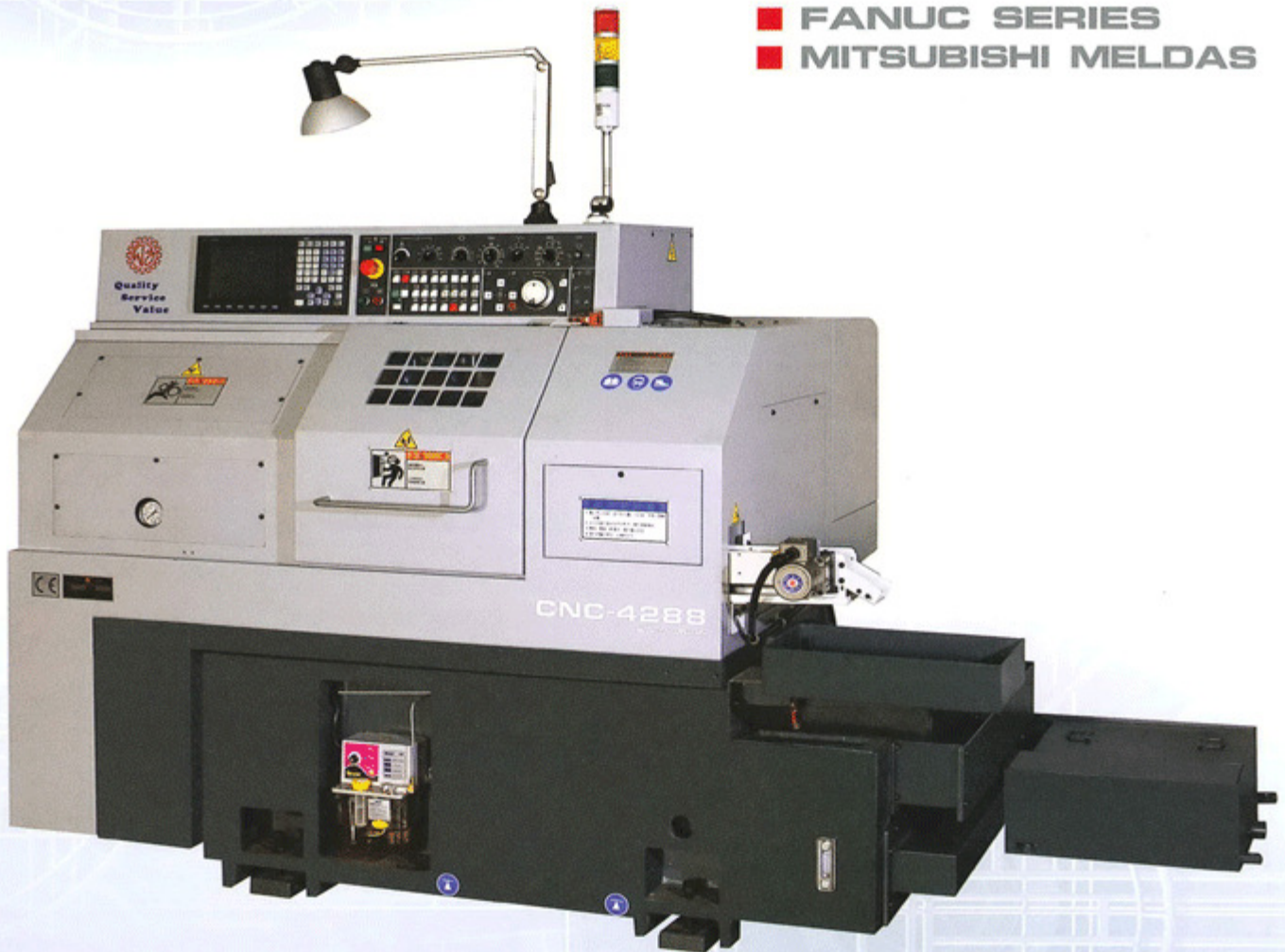
**Little
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CNC自動車床

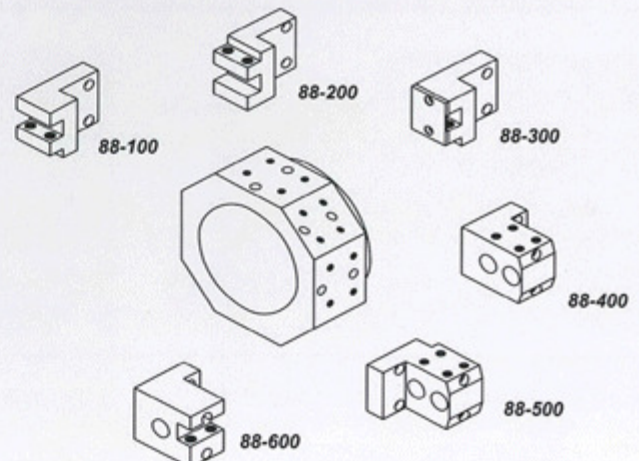
CNC AUTOMATIC LATHE

CNC-4288

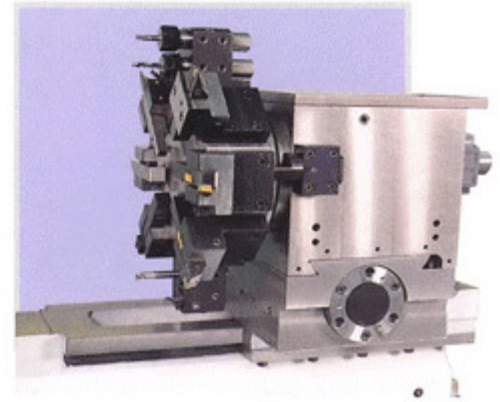
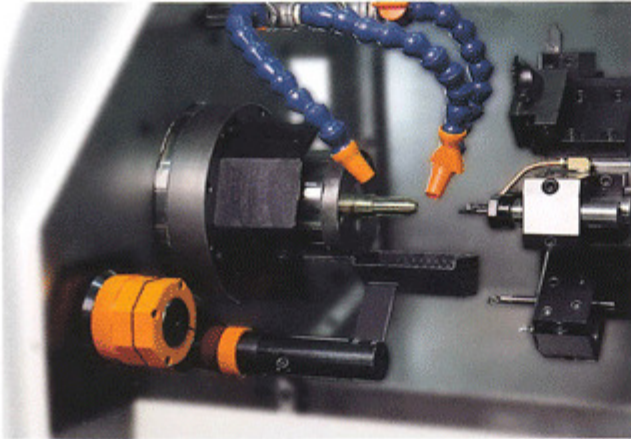
■ FANUC SERIES
■ MITSUBISHI MELDAS



- ✓ 8-Station Turret System
- ✓ Fanuc or Mitsubishi N/C Controller
- ✓ 2 Axes Turning Lathe (X, Z)
- ✓ Equipped with Collect Chuck or 3-jaw Chuck



Tool Layout



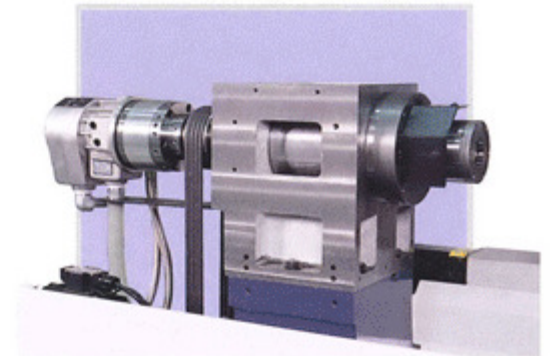
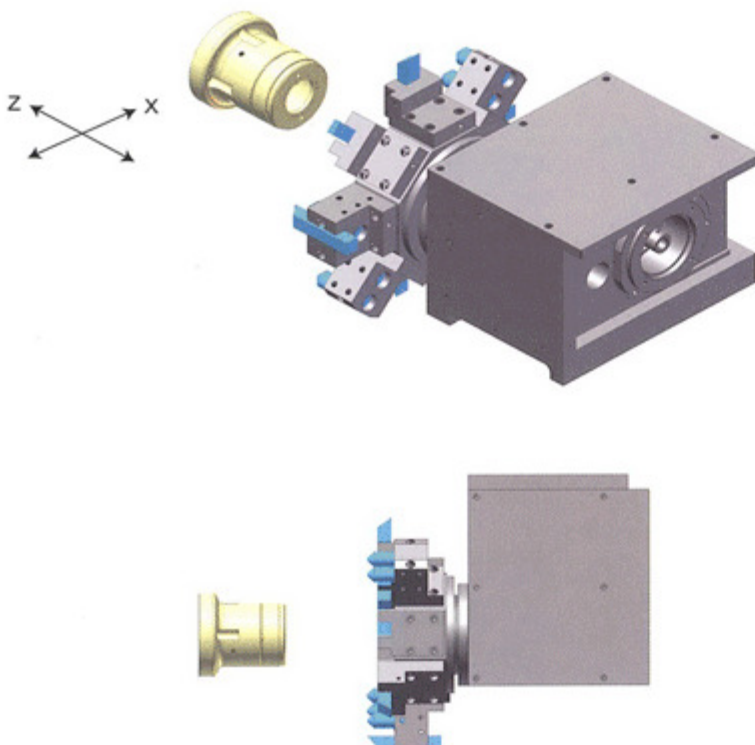
主軸及伺服式刀塔

CNC-4288自動車床係採用高速度之伺服馬達及雙曲線耦合器驅動八角刀塔，定位精度非常精良。加上高精度減速器，運作時非常平順及安靜。刀塔可正、逆方向旋轉，方便就近選取刀具。快速的換刀時間，僅需0.1~0.2秒。

Main Spindle & Serro Turret

The 8-station turret is driven by a high-speed servo motor combined with a curvic coupling for indexing to enhance a faster and more accurate performance. This tool turret system is featured with bidirectional shortcut and non-stop tool selection. Fast and accurate turret index is accomplished in only 0.1~0.2 seconds/1 station.

3-D Layout



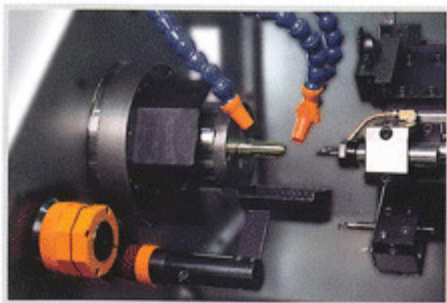
穩定、高速的精密主軸

藉由精密軸承的三點支撐，提高主軸的高剛性，減少熱變形的發生，提供高精度的性能。適合做高速精密車削，亦可做低速重切削。

Stable, High-Speed Spindle

The high precision spindle is supported by a symmetrical headstock structure to prevent from thermal distortion. Furthermore, with the high rigidity during high-speed operation provided by three precise bearings framework, the spindle makes itself ideal for both heavy and precise cutting.

Mechanics Feature



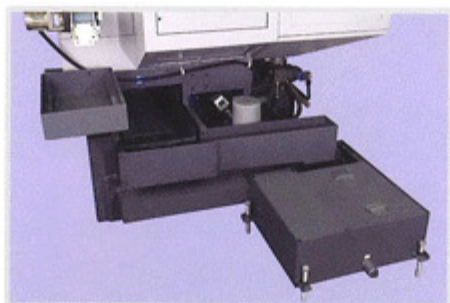
高速高精度的伺服驅動式刀塔

完整高性能的生產系統，配以成品補助器達到保護成品之功效。利用固定順序控制及成品補助器的精巧運用，使自動送料及接料達到整體性的配合，加上成品自動輸送功能的機制，達到保護成品的最大功效。

High-Speed Servo Driven Turret Indexing

Delicated protection framework for finished parts with part-catcher helper.

The simultaneous automatic transfer framework offers complete process for work piece loading and unloading. The custom design system and part-catcher helper delicately protect finished parts from damage during operation.

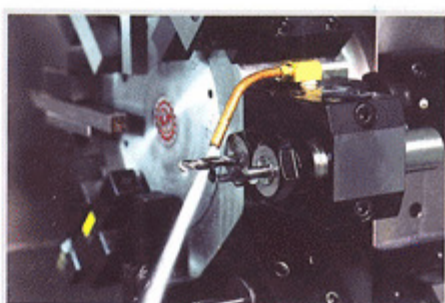


切屑箱及切削油箱

追求人性化工作環境的考量，充分應用切削油箱的設計，便利操作者清理及更換切削油。

Chip Tank and Coolant Tank

A user-friendly concept has been excellent exercised at facilitating chip tank and coolant tank to be removed easily from the lathe during operation.



深孔鑽高壓冷卻系統

刀架配有高壓車削油設備，提高深孔鑽加工的精確性。

High-Pressure Coolant System

Tool holders with high-pressure coolant ensuring your deep-hole drilling operation to be more efficient and accurate.



油霧回收器

油霧回收器可回收切削中產生的油霧，避免著火及減少環境污染源。

Coolant Mist Collector

For raising environmental concerns in living harmoniously with the nature, coolant mist collector is an ideal choice to prevent fire and environmental pollutions.



自動棒材送料機

自動棒材送料機精簡物料進給方式，可輕易的融入整體自動化系統以達到最大的功效。可依需求，選購單棒材送料機或自動棒材送料機。

Auto Bar Feeder

Integrated machining of workpieces from bar material with automatic bar feeder unit connected to the left side of spindle, is yet another compact concept in the line-up of system. Customer may choose either auto bar feeder or single bar feeder at their preference.

CNC-4288

規格表 / Specification

NC控制器		Fanuc	Mitsubishi	NC Controller
加工能力	最大加工直徑	Ø42 mm		Max. Processing Diameter
Capacity	最大加工長度/夾頭	150 mm / 175 mm		Max. Turning Length /Chuck
主軸 Spindle	主軸鼻端	A2-5		Spindle Nose
	棒材容徑	Ø12 mm ~ Ø42 mm		ID of Chuck Closing Tube
	主軸轉速	170 ~ 6,000 rpm		Spindle Speed Range
	主軸馬達 Cont. /50%ED	VAC 5.5 / 7.5 kw		Spindle Motor Cont./50%ED
刀塔系統 Turret & Tooling System	刀塔形式	八角刀塔 8-Station Turret		Type of Turret
	外徑刀桿橫切面尺寸	□20 mm		Tool Shank Size
	最大鏜孔刀桿徑	Ø25 mm		Max. Bore Dia. of Tool
	X軸、Z軸行程	X: 100 mm / Z: 185 mm		X, Z Axis Slide Travel
	快速移動速度	12 m/min		Rapid Traverse Speed
	換刀速度	0.1 ~ 0.2 sec / 1 stn.		Turret Index Time
體積 (長 × 寬 × 高)		2,060 x 1,435 x 1,640 mm		Dimension (W × D × H)
重量 (約)		2,150 kgs		Weight (approximately)

標準配備 / Standard Accessories

標準型刀架	Standard Tools
油壓夾頭用腳踏開關	Foot Control Switch of Hydraulic Chuck

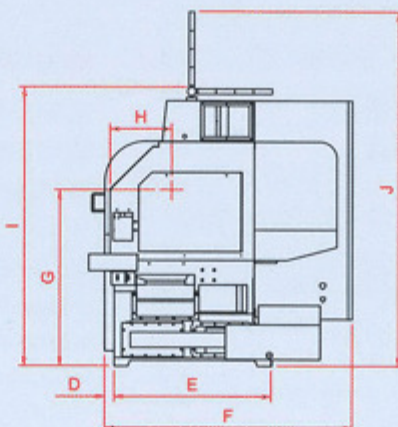
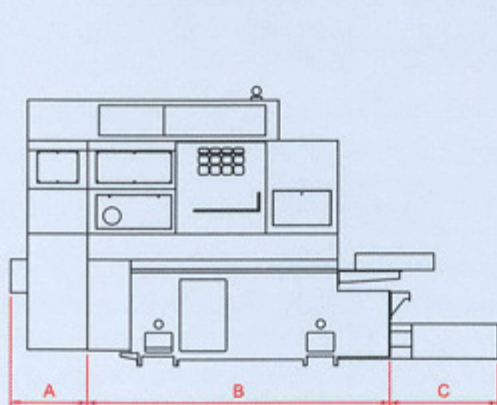
成品補助器	Part-Catcher Helper
成品輸送機	Finished Parts Conveyor
切削油箱	Chip Tank & Coolant Tank

特殊配備 / Optional Accessories

單棒材送料機	Single Bar Feeder
自動棒材送料機	Auto Bar Feeder
油霧回收器	Coolant Mist Collector
深孔鑽高壓冷卻裝置	High-pressure Coolant System

鐵屑輸送機	Chip Conveyor
全自動穩壓器 (15KVA)	Automatic Voltage Regulator (15KVA)
全自動變壓穩壓兩用裝置 (15KVA)	Automatic Voltage Regulator & Converter (15KVA)
底盤	Bottom Pan

機械尺寸圖 / EXTERNAL DIMENSION



A	370
B	1460
C	700
D	60
E	915
F	1420
G	1040
H	360
I	1600
J	1970

mm

**Little
Genius**

CNC自動車床

CNC AUTOMATIC LATHE

CNC-4295PT

■ **FANUC SERIES**



✓ **12-Station Power Turret**

✓ **Fanuc N/C Controller**

✓ **Composite Turning and Milling**

✓ **2 Axes Turning Lathe (X, Z)**

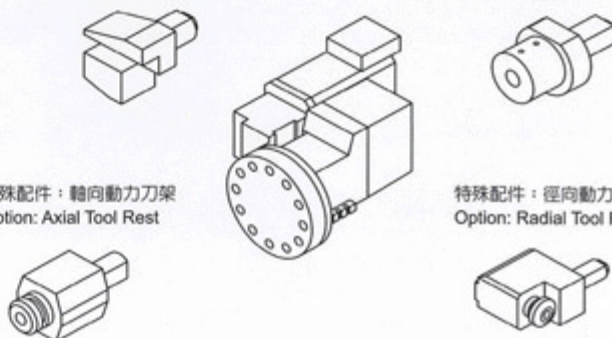
✓ **Equipped with Collect Chuck or 3-jaw Chuck**

標準配件：一般刀架 x 6
Standard: Ordinary Tool Rest x 6

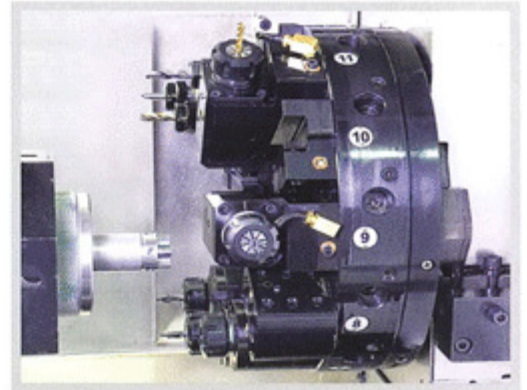
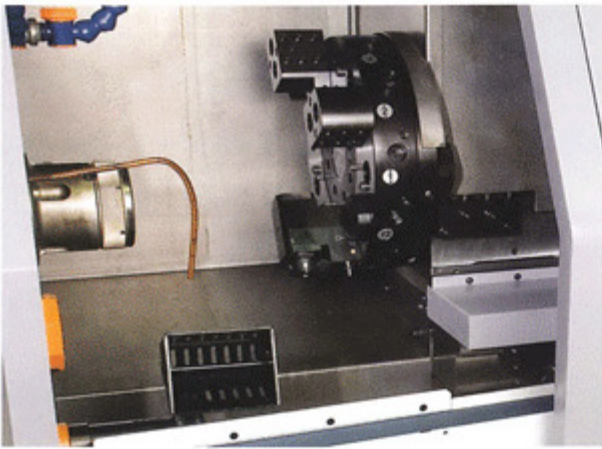
標準配件：鉗孔刀架 x 6
Standard: Drilling Tool Rest x 6

特殊配件：軸向動力刀架
Option: Axial Tool Rest

特殊配件：徑向動力刀架
Option: Radial Tool Rest



Tool Layout



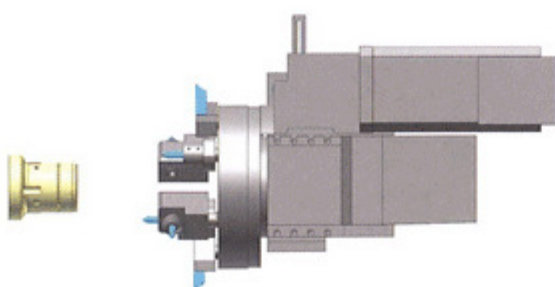
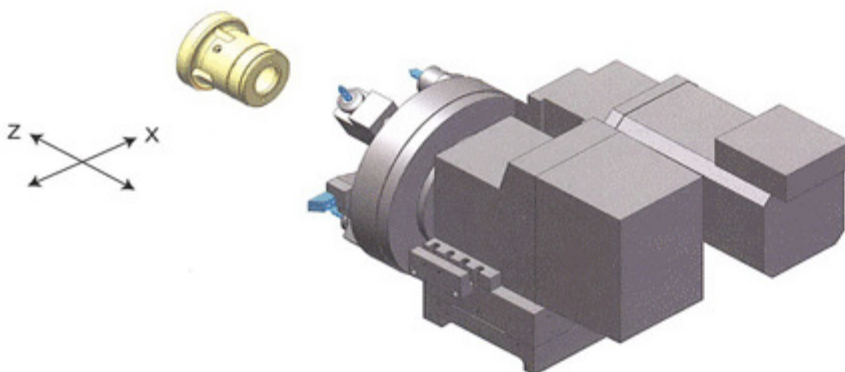
主軸及動力刀塔

刀塔可作雙向(徑向,軸向)轉位,可安裝12支刀具,配合C軸運作,同時完成車,鑽銑,攻牙,搪孔等,提升車銑複合功能。

Main Spindle & Power Turret

Turret can rotate in two directions, radially and axially. It can be equipped 12 tools, rotate together with C-axis, and complete the turning, drilling & milling, tapping and boring, advancing compound functions of machine.

3-D Layout



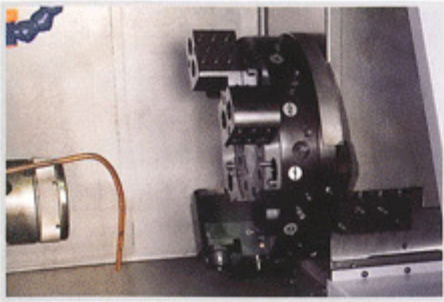
主軸

高剛性,負荷主軸設計,經由精密軸承三點支撐提高主軸剛性減少溫升熱變形,搭配高解析控制CS軸及可剎車定位等功能。

Main Spindle

The main spindle, designed with high-rigidity, high-load of 3-point sustainers from precision bearings, can advance its own rigidity, effectively reducing the deformation itself due to temperature raise. It is also equipped with the high-resolution controller for CS axis and with the braking & positioning system.

Mechanics Feature



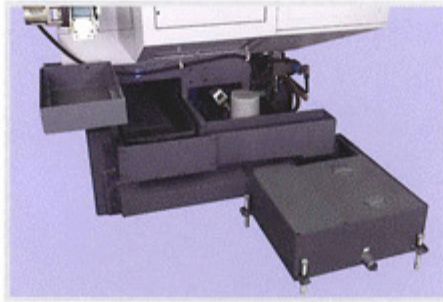
動力刀塔

完整高性能的生產系統，配以成品補助器達到保護成品之功效。利用固定順序控制及成品補助器的精巧運用，使自動送料及接料達到整體性的配合，加上成品自動輸送功能的機制，達到保護成品的最大功效。

Power Turret

Delicated protection framework for finished parts with part-catcher helper.

The simultaneous automatic transfer framework offers complete process for work piece loading and unloading. The custom design system and part-catcher helper delicately protect finished parts from damage during operation.

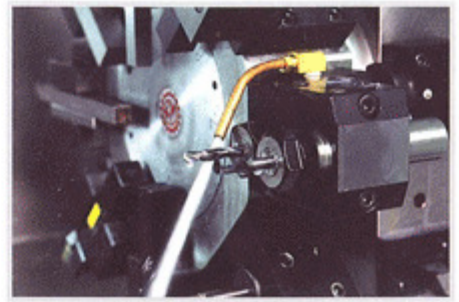


切屑箱及切削油箱

追求人性化工作環境的考量，充分應用切削油箱的設計，便利操作者清理及更換切削油。

Chip Tank and Coolant Tank

A user-friendly concept has been excellent exercised at facilitating chip tank and coolant tank to be removed easily from the lathe during operation.



深孔鑽高壓冷卻系統

刀架配有高壓車削油設備，提高深孔鑽加工的精確性。

High-Pressure Coolant System

Tool holders with high-pressure coolant ensuring your deep-hole drilling operation to be more efficient and accurate.



油霧回收器

油霧回收器可回收切削中產生的油霧，避免著火及減少環境污染源。

Coolant Mist Collector

For raising environmental concerns in living harmoniously with the nature, coolant mist collector is an ideal choice to prevent fire and environmental pollutions.



自動棒材送料機

自動棒材送料機精簡物料進給方式，可輕易的融入整體自動化系統以達到最大的功效。可依需求，選購單棒材送料機或自動棒材送料機。

Auto Bar Feeder

Integrated machining of workpieces from bar material with automatic bar feeder unit connected to the left side of spindle, is yet another compact concept in the line-up of system. Customer may choose either auto bar feeder or single bar feeder at their preference.

CNC-4295PT

規格表 / Specification

NC控制器		Fanuc	NC Controller
加工能力	最大加工外徑	Ø42 mm	Max. Processing Diameter
Capacity	最大加工長度	150 mm / 175 mm	Max. Turning Length
主軸 Spindle	主軸鼻端型式	A2-5	Spindle Nose
	棒材容徑	Ø12 mm ~ Ø42 mm	I.D. of Chuck Closing Tube
	主軸轉速	170 ~ 5,000 rpm (6,000 rpm)	Spindle Speed Range
刀具系統 Turret & Tooling System	刀塔型式	12角動力刀塔 12 Stations Servomotor Turret	Type of Turret
	刀具數	12 pcs	Tool Holder
	外徑刀桿橫切面尺寸	□ 20 mm	Tool Shank Size
	最大搪孔刀桿徑	Ø25 mm	Max. Bore Dia. of Tool
	X,Z軸行程	X: 125 mm / Z: 255 mm	X, Z Axis Slide Travel
	快速移動速度	18 m / min	Rapid Traverse Speed
	換刀速度	0.18 ~ 0.23 sec. / 1 stn.	Turret Index Time
動力系統 Motor	主軸馬達 Cont./50%ED	VAC 5.5 KW	Spindle Motor Cont. / 50%ED
	X,Z軸馬達	VAC 1.6 KW	X, Z Axis Motor
	動力刀塔馬達	VAC 2.2 / 3.7 KW	Turret Servo Motor
	油壓馬達	2 HP	Hydraulic Motor
	切削液馬達	1/4 HP	Coolant Liquid Motor
油箱容量		100 L	Oil-tank Capacity
體積 (長 × 寬 × 高)		2,935 × 1,655 × 2,280 mm	Dimension (W × D × H)
重量 (約)		2,680 kgs	Weight (approximately)

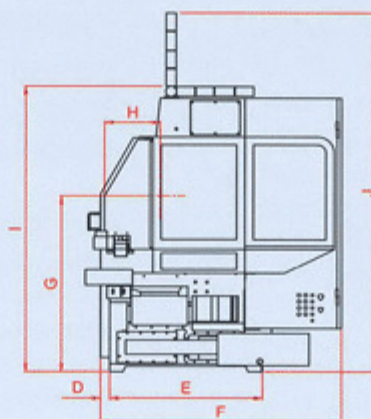
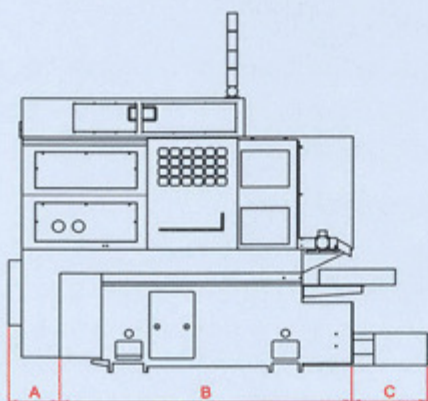
標準配備 / Standard Accessories

標準型刀架	Standard Tools	成品補助器	Part-Catcher Helper
油壓夾頭用腳踏開關	Foot Control Switch of Hydraulic Chuck	成品輸送機	Finished Parts Conveyor

特殊配備 / Optional Accessories

單棒材送料機	Single Bar Feeder	鐵屑輸送機	Chip Conveyor
自動棒材送料機	Auto Bar Feeder	全自動穩壓器 (20KVA)	Automatic Voltage Regulator (20KVA)
油霧回收器	Coolant Mist Collector	全自動變壓穩壓兩用裝置 (20KVA)	Automatic Voltage Regulator & Converter (20KVA)
深孔鑽高壓冷卻裝置	High-pressure Coolant System	動力刀座	Power Tool Seat
		底盤	Bottom Pan

機械尺寸圖 / EXTERNAL DIMENSION



A	308
B	1765
C	670
D	55
E	915
F	1449
G	1115
H	336
I	1812
J	2277

mm

**Little
Genius**

瑞士型CNC自動車床

SWISS TYPE CNC AUTOMATIC LATHE

SL-1693

■ SYNTEC S900T
■ MITSUBISHI M70



✓ Swiss-Type Lathe or Mitsubishi M70

✓ Syntec N/C Controller

✓ Front-Side and Back-Side (Center and
Off-Center) Drilling and Tapping

✓ 4 Axes Turning (X, Y, Z, Z2)

✓ Main & Sub (Caxis) Can Work with Side-Milling

✓ Flat Bed Structure

✓ Composite Turning, Drilling, Milling and Tapping

A close-up photograph of a multi-spindle machine tool head. The head features five spindles, numbered 1 through 5 from left to right. Above the spindles, a coordinate system diagram is visible, showing a central cross with arrows pointing in the positive and negative X and Y directions. The machine body is dark grey or black, and the spindles are metallic. The background is dark and out of focus.

瑞士型自動車床可執行複雜性的加工程序，SL-1693具有車削、銑削、鑽孔、攻牙等加工功能，適合用來加工汽車零件及電子零件等高精密度的工件。

This Swiss-Type lathe features with distinguished milling and complex functions for sophisticated machining of parts. Little Genius' SL-1693 comes with a sub-spindle for turning, milling, drilling and tapping. It is ideal for motorcycle and automotive parts, electric and electronic parts, instrument and hydraulic parts, etc. The main spindle and back spindle can perform machining synchronously, which saves time greatly. Off-center device (in both front-side and back-side) allows user to do eccentric application. It also includes the most humanized control device, easy positioning operational panel and hand-wheel simulator device to facilitate the operator.

Sample Parts

Mechanics Feature



刀具排列

優異的銑削功能，可做複雜性的零件加工。

鋸齒狀刀架 — 車削刀具5支，旋轉工具4支。

正面&背面附屬裝置 — 正面鑽孔刀具 4支，背面鑽孔刀具 2支。

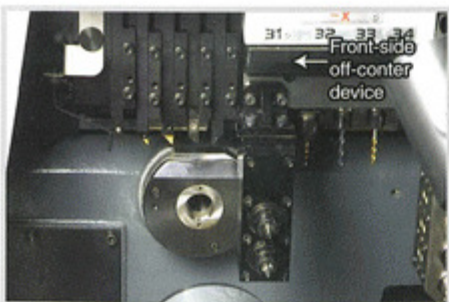
Tools Arrangement

Excellent cutting and milling functions can do compound and complex processing.

Serrated tool rest, with 5 pcs of cutting tools and 4 pcs of swivel tools.

Front and back attachment, with 4 pcs of drill tools in the front and 2 pcs of drill tools in the back.

Either Fixed or rotary guide bush can be chosen to install.

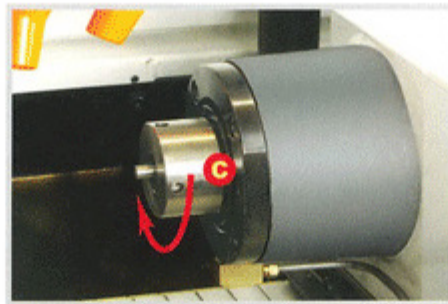


偏心裝置

前後皆可安裝正面偏心裝置，最多可安裝 2 隻。

Off-Center Device

Both front-face and back-face can be installed with off-center device. Max. 2 pcs of off-center tools can be installed.



C軸加工

主軸和背軸同時或單獨加工，並作C軸特殊加工。

C-Shaft Turning

The main spindle and back spindle can do single processing individually or simultaneous turning together. It can also do special processing of C-shaft.



數控系統

最人性化的控制器，容易定位的操作面板和手輪裝置。

N/C Controller

Friendly operation system features the easy positioning and operating panel which functions with servo motor of each spindle. MPG controller can allow operators to simulate the turning process step-by-step to avoid personal inaccuracy in advance.

其它機構說明及配備 (Other Features or Accessories)

搭配高精密度軸承的主軸，可執行特殊加工及C軸定位。

Main Spindle, equipped with the high precision bearings and servo motor, can execute the special turning and positioning of C-axis.

自動變壓器(自動穩壓變壓兩用).

Automatic Voltage Regulator (Automatic Voltage Regulator and Converter): The device can maintain the perfect and standard power supply against unstable voltage input. Further, it can prevent abnormal voltage from outside, in reduction of machine breakdown.

自動送料機(單棒材送料機)

Auto Bar Feeder/Single Bar Feeder:

Integrated machining of workpieces from bar material with automatic bar feeder unit connected to the left side of spindle, is yet another compact concept in the line-up of system. Customer may choose either auto bar feeder or single bar feeder at their preference.

SL-1693

規格表 / Specification

NC控制器	Syntec / Mitsubishi	NC Controller
最大加工直徑	Ø16 mm	Max. Processing Diameter
主軸台最大移動量(固定G/B)	205 mm	Max. Traverse of Spindle (Fixed)
主軸台最大移動量(旋轉G/B)	155 mm	Max. Traverse of Spindle (Swivel)
刀具	5 pcs	Tools
4 軸套筒支架 Sleeve Holder of Four Shafts		
刀具數	4 pcs	Number of Tools
最大鑽孔能力	Ø8 mm	Max. Drill Capacity
最大攻牙能力	M8 x P1.25	Max. Tap Capacity
旋轉工具 Swivel tools		
刀具數	4 pcs	Number of Tools
最大鑽孔能力	Ø5 mm	Max. Drill Capacity
最大攻牙能力	M4 x P0.7	Max. Tap Capacity
主軸轉速	Max. 8,000 rpm	Spindle Speed Range
主軸馬達	3.5 kw	Spindle Motor
旋轉工具轉速	Max. 6,000 rpm	Swivel Tools Speed Range
旋轉工具馬達	0.75 kw	Swivel Tools Motor

快速位移X,Y,Z1,Z2軸	15 ~ 18 m/min	Rapid Traverse SpeedX, Y, X2, Z2 axis
油箱容量	160 L	Oil-Tank Capacity
體積 (長x寬x高)mm	2142x1190x2093	Dimension (WxDxH)mm
重量 (約)	1650 kg	Weight (approximately)
電氣容量	8.5 KVA	Electric Capacity

背面附屬裝置 / Device in back

最大夾持外徑	Ø16 mm	Max. Hold of Diameter
最大加工長度	80 mm	Max. Processing Length
最大工件外伸長度	30 mm	Max. Expansion Length of Work Piece
4 軸套筒支架 Sleeve Holder of Four Shafts		
刀具數	2 pcs	Number of Tools
最大鑽孔能力	Ø5 mm	Max. Drill Capacity
最大攻牙能力	M4 x P0.7	Max. Tap Capacity
背面主軸轉速	Max. 6,000 rpm	Back Shaft Speed Range
背面主軸馬達	1.0 kw	Back Shaft Motor

標準配備 / Standard Accessories

三點組合	3-Point Assembler
分離式切削箱	Separate Cutting Oil Tank
自動潤滑裝置	Automatic Lubricating Device
切斷刀檢知裝置	Cutter Detect Device
成品輸送機	Finished Parts Conveyor
刀具固定支架5把型	Tool Rest 5 pieces Type

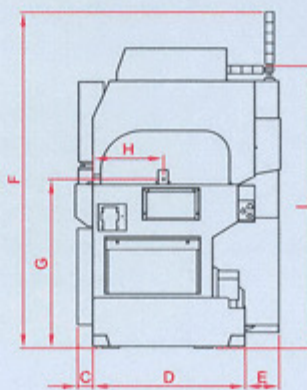
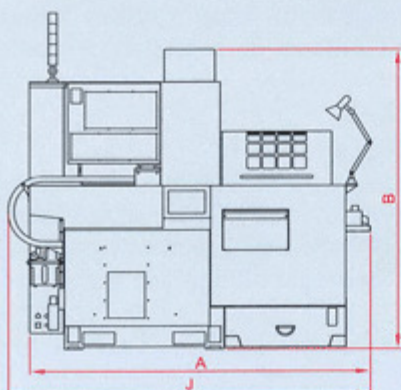
4 軸套筒支架	Sleeve Holder of 4 Shafts
側面旋轉工具4軸型	Lateral Swivel Tools (4 Shafts Type)
副主軸氣排裝置	Air Clear Device for Sub-shaft
產品排出檢查裝置	Finished Part Clear Detect Device
照明設備	Illumination Device
工具箱	Tools Box
固定導套裝置	Fixed Guide Bush Device

特殊配備 / Optional Accessories

迴轉式導套裝置	Rotary Type Guide Bush Device
長工件排出裝置	Long Part Discharge Device
自動棒材送料機	Auto Bar Feeder

鐵屑輸送機	Chip Conveyor
全自動穩壓器 (10KVA)	Automatic Voltage Regulator (10KVA)
全自動變壓穩壓兩用裝置 (10KVA)	Automatic Voltage Regulator & Converter (10KVA)

機械尺寸圖 / EXTERNAL DIMENSION



A	2017
B	1865
C	90
D	900
E	200
F	2093
G	1050
H	419
I	1758
J	2142

mm

**Little
Genius**

瑞士型CNC自動車床

SWISS TYPE CNC AUTOMATIC LATHE

SL-2596

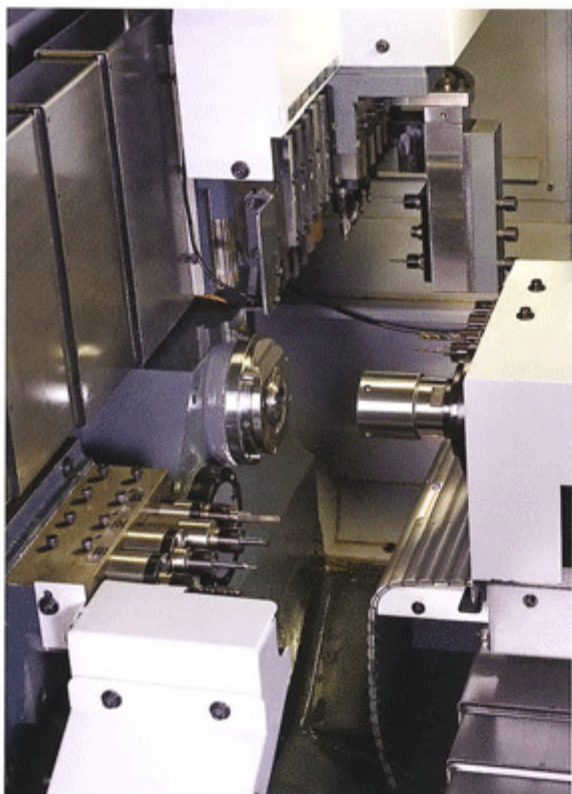
■ SYNTEC S900T
■ MITSUBISHI M70



- ✓ Swiss-Type Lathe
- ✓ Syntec or Mitsubishi N/C Controller
- ✓ Front-Side and Back-Side Drilling and Tapping, Milling
- ✓ Off-Center Drilling and Tapping
- ✓ Built-in Motor

- ✓ Composite Turning, Drilling, Milling and Tapping
- ✓ 5 Axes Turning (X, Y, Z, X2, Z2)
- ✓ Flat Bed Structure
- ✓ Synchronous or Simultaneous Turning Available

Tool Layout



SL-2596: 高精密度的走心式自動車床(Swiss-Type)，為平台式的設計，採用新代或三菱數控系統，適合做精密細小零件的加工。

SL-2595, the high-precision Swiss-Type Automatic Lathe, designed in flat-bed structure and adopted Syntec or Mitsubishi N/C controller, is ideal for turning small precision workpiece.

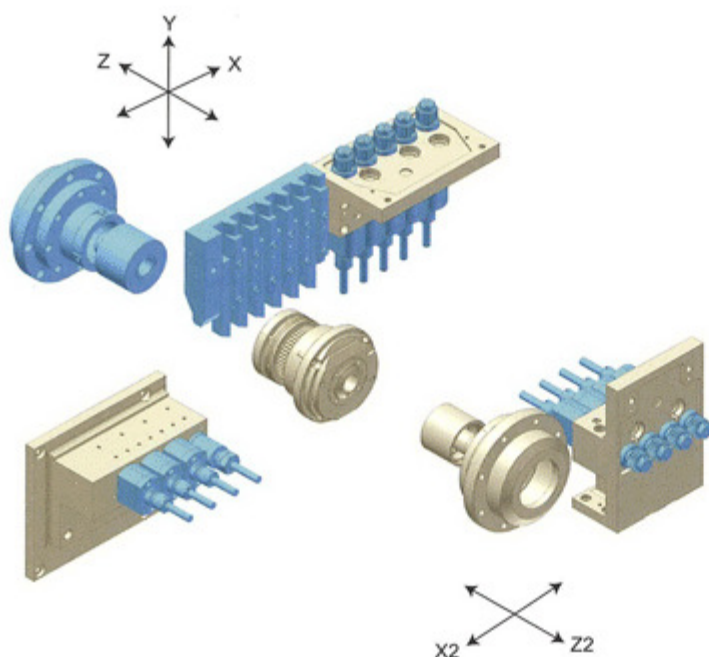
車削及旋轉刀具

共有5軸加工方向(X軸, Y軸, Z軸, X2軸, Z2軸)。X軸上有16M的車刀6支，可供工件車削及切斷用；另有旋轉刀具5支，可作工件側面鑽孔、攻牙、刮溝及銑削等加工。可附加斜角度旋轉刀具，做角度加工。

Turning Tools and Swivel Tools

Tools are equipped in 5 axis: X axis, Y axis, Z axis, X2 axis and Z2 axis. Turning tools of 6 pcs sized 16M, mainly for roughing and cutting, are installed in X axis direction; in addition, there are 5 swivel tools for side-drilling, tapping, slotting and milling, etc. Slant tools can be optionally equipped to execute angled turning.

3-D Layout



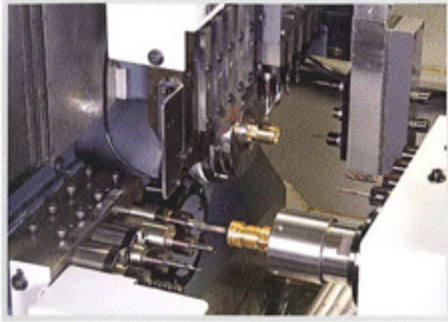
正面鉗孔軸

正面鉗孔軸共有4支刀具，可利用固定鉗孔或動力旋轉，執行工件之鑽孔、攻牙、搪孔，及端面偏心鉗孔攻牙等加工模式。

Front-Face Drilling Spindle

Front-face drilling spindle has 4 tools of fixed-drilling & power-swiveling for drilling, tapping, boring, and end-face eccentric drilling & tapping.

Mechanics Feature

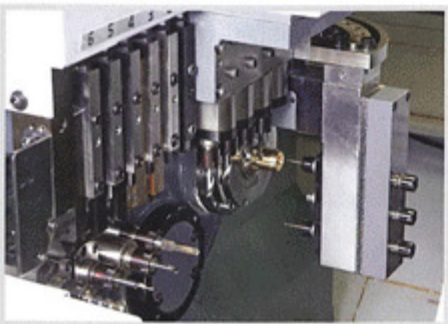


背面鉗孔軸 (X軸向)

背面鉗孔軸上共有 4 支動力刀具，可搭配副主軸（C軸及CS軸），做背面鉗孔、攻牙及搪孔等第二工程背面加工。在背面加工的同時，下個工件可在主軸處同步做側面加工。

Back Drilling Spindle (X axis)

Back drilling spindle is equipped the power tools of 4 pcs, which can work with sub spindle (C axis and CS axis) for the 2nd process of back-drilling, tapping and boring, and the next workpiece in main spindle can be lathed by side-face turning simultaneously.

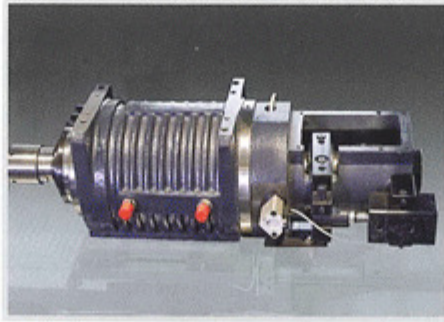


斜角度刀架 (選配)

斜角度刀架可裝 6 支刀具，可做工件的正面鑽孔，亦可與副主軸實行同步背面加工。

Slant Tool Rest (Optional)

Slant tool rest can be equipped tools of 6 pcs, which can execute front-face drilling and back-face turning with sub spindle.

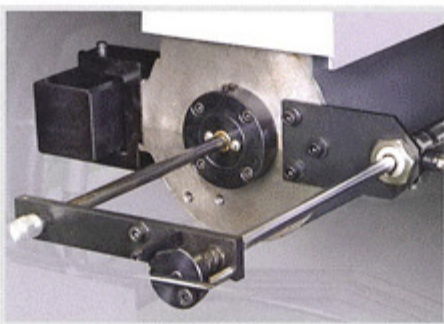


馬達內藏式主/副主軸

馬達內藏式主軸可達到較高轉速、高速切削、提高精度，同時可避免振動及噪音。搭配高精密軸承，可做C軸及CS軸特殊定位加工。

Main/Sub Spindle of Built-in Motor

Spindle of Built-in Motor can achieve higher rotation, cutting speed, precision, and avoid vibration and noise. Devised with high precision bearings, it is also suitable to do C axis and CS axis turning of special positioning.

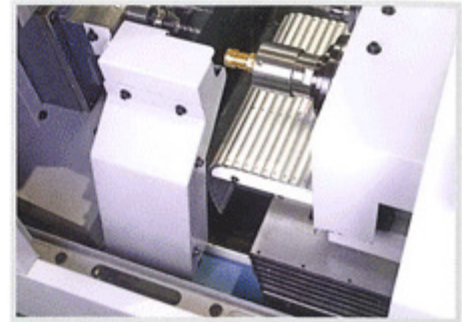


頂料裝置

頂料裝置可輕易地將加工完成的零件排出。頂料頭亦可依照工件大小修改製作。

Part-Boring Device

Part-boring device facilitates the discharge of the finished workpiece. The head of which can be designed in term of the sizes of workpiece.



落料裝置及成品輸送帶

結構堅固的成品輸送帶，可減少成品零件在運送過程中碰撞的機率。

Part-Falling device and Finished-Part Conveyor

Robust structure of finished-part conveyor can dramatically reduce the possibility of parts collision during being delivered, efficiently keeping parts' integrity.



成品收集架及鐵屑集屑箱

可掀蓋式的鐵屑集屑箱，方便操作者清理車削零件後的鐵屑。

Parts Collector(Shelf) and Chip Collector (Tank)

The chip collector of open-design tank conveniences the operator to clean up the chips off parts.

SL-2596

規格表 / Specification

NC控制器	Syntec / Mitsubishi	NC Controller
最大加工外徑	Ø25 mm	Max. Processing Diameter
最大加工長度	255 mm	Max. Processing Length
最大鑽孔直徑	Ø10 mm	Max Drilling Diameter
最大攻牙直徑	M8	Max. Tapping Diameter
棒材容徑	Ø25 mm	ID of Chuck Closing Tube
主軸內徑	Ø25 mm	ID of Spindle
主軸轉速	8,000 rpm	Spindle Speed Range
副主軸內徑	Ø25 mm	ID of Sub-Spindle
副主軸轉速	8,000 rpm	Sub-Spindle Speed Range
前面出料最大長度	140 mm	Max. Length of Part Eject
背面加工長度	80~100 mm	Backwork Processing Length
背面加工最大鑽孔徑	Ø10 mm	Max. Backwork Drilling Diameter
背面加工最大攻牙徑	M8	Max. Backwork Tapping Diameter
外徑刀具	6 pcs	O.D. Tool
外徑刀具尺寸	□16 x 16 x 120	O.D. Tool Size
側銑刀具	5 pcs	Side Milling Tool
側銑刀具尺寸	Ø10 mm (ER16)	Side Milling Tool Size
側銑刀具轉速	6,000 rpm	Side Milling Tool Speed Range

正面鑽孔刀具	4 pcs	Front Drilling Tool
背面鑽孔刀具	4 pcs	Back Drilling Tool
正面鑽孔刀具(迴轉)	4 pcs	Front Drilling Tool (Rotary)
背面鑽孔刀具(迴轉3) (固定1)	3+1 pcs	Back Drilling Tool (Rotary)
斜角度鑽銑刀數	3 pcs	Slant Drilling-Milling Tool
斜角度鑽銑轉速	6,000 rpm	Slant Drilling-Milling Speed Range
X,Y,Z,X2,Z2軸	18 m/min	X, Y, Z, X2, Z2 axis
X軸	125 mm	X
Y軸	360 mm	Y
Z軸	255 mm	Z
X2軸	380 mm	X2
Z2軸	245 mm	Z2
主軸馬達	5.5 kw / 3.7 kw	Spindle Motor
副主軸馬達	3.7 kw / 2.2 kw	Sub-Spindle Motor
X,Y,Z,X2,Z2軸向馬達	1.0 kw	X, Y, Z, X2, Z2 Motor
油壓馬達	2.0 HP	Hydraulic Motor
切削液馬達	1.27 kw	Coolant Pump Motor
油箱容量	180 L	Oil-Tank Capacity
體積 (長x寬x高)	3000x1600x1880	Dimension (WxDxH)
重量 (約)	3600 kg	Weight (approximately)

標準配備 / Standard Accessories

三點組合	3-Point Assembler
分離式切削箱	Separate Cutting Oil Tank
自動潤滑裝置	Automatic Lubricating Device
切斷刀檢知裝置	Cutter Detect Device
成品輸送機	Finished Parts Conveyor
迴轉式導套裝置	Rotary Type Guide Bush Device

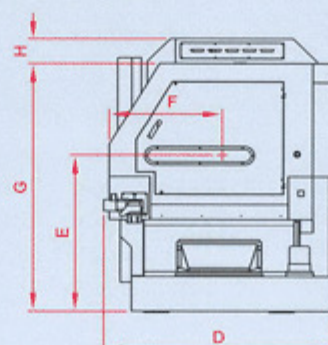
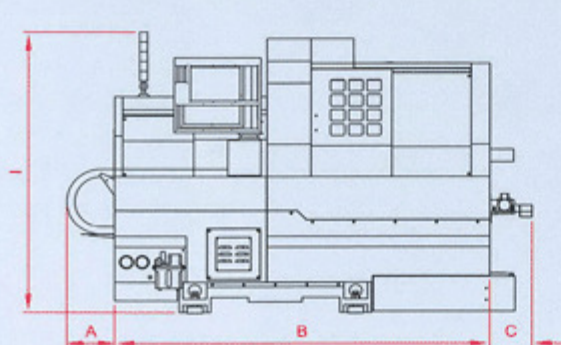
刀具定支架6把型	Tool Rest 6 pieces Type
正面固定鑽孔軸4支	Front Drilling Shaft 4 pcs
背面固定鑽孔軸3支	Back Drilling Shaft 3 pcs
側面旋轉工具5軸型	Lateral Swivel Tools (5 Shafts Type)
照明設備	Illumination Device
工具箱	Tools Box

特殊配備 / Optional Accessories

活動式鑽孔軸	Movable Drilling Shaft
斜角度裝置	Slant Drilling Shaft
成品置物架	Finished Parts Frame
高壓邦浦	High-Pressure Pump

自動棒材送料機	Auto Bar Feeder
鐵屑輸送機	Chip Conveyor
全自動穩壓器 (20KVA)	Automatic Voltage Regulator (20KVA)
全自動變壓穩壓兩用裝置 (20KVA)	Automatic Voltage Regulator & Converter (20KVA)

機械尺寸圖 / EXTERNAL DIMENSION



A	300
B	2385
C	270
D	1600
E	1050
F	715
G	1655
H	165
I	1880

mm

**Little
Genius**

瑞士型CNC自動車床

SWISS TYPE CNC AUTOMATIC LATHE

SL-3295

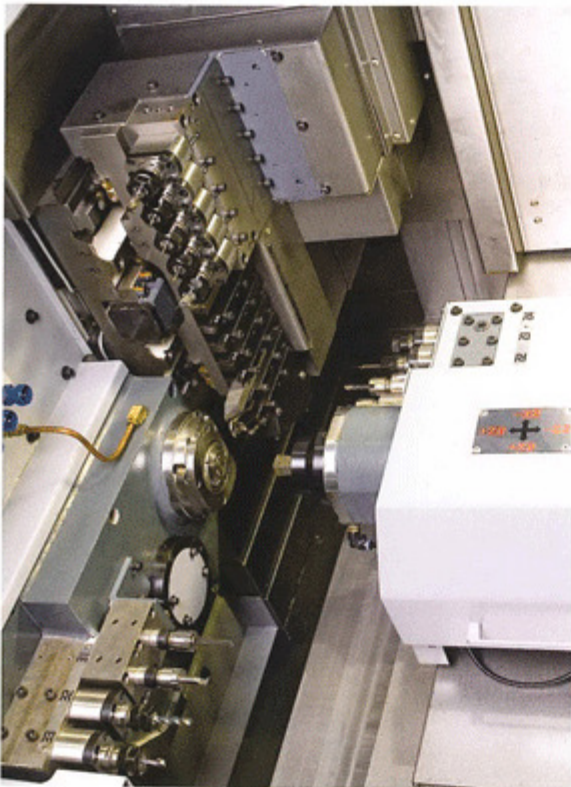
■ **SYNTEC S900T**



- ✓ **Swiss-Type Lathe**
- ✓ **Syntec N/C Controller**
- ✓ **Front-Side and Back-Side Drilling and Tapping, Milling**
- ✓ **Off-Center Drilling and Tapping**
- ✓ **Slant Turning (From 0°-90°, Every 15°)**

- ✓ **Composite Turning, Drilling, Milling and Tapping**
- ✓ **5 Axes Turning (X, Y, Z, X2, Z2)**
- ✓ **Slant Bed Structure (45°)**
- ✓ **Synchronous or Simultaneous Turning Available**

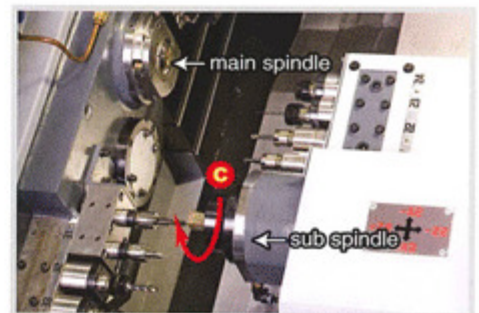
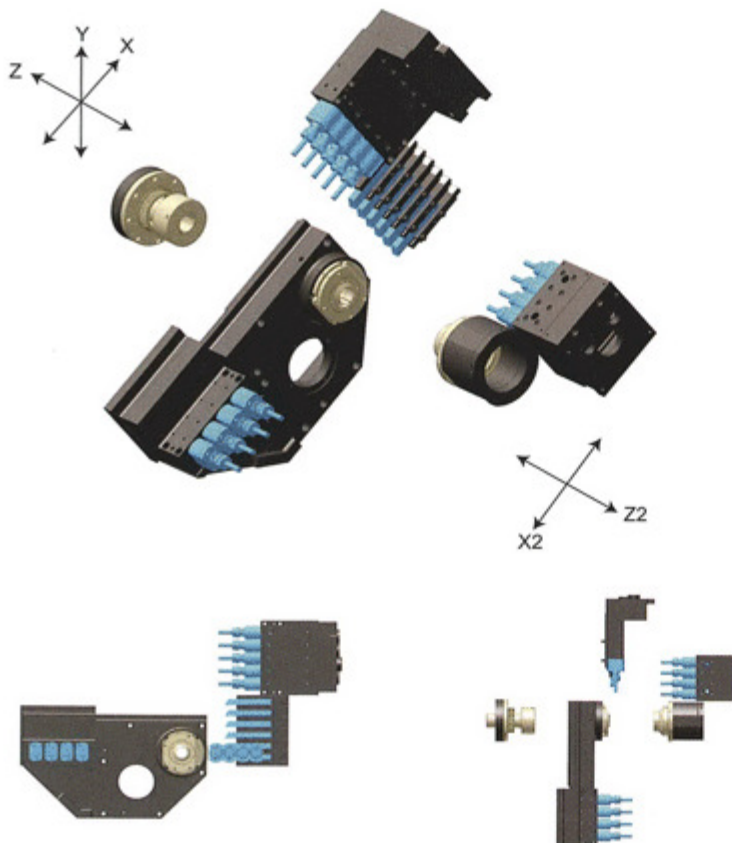
Tool Layout



此為瑞士型自動車床，可同時執行零件的銑削、鑽孔、切斷等加工程序。此款SL-3295具有5個軸向(X軸,Y軸,Z軸,X2軸,Z2軸)，可利用斜角度裝置，做角度定位加工(從0°~90°，每15°為一基準)，並可加工不同形狀的零(如方型，六角形，不規則形)。

There is high-quality Swiss-type lathe which has distinguished milling and complex functions for sophisticated machining of parts. Little Genius' SL-3295, featured with 5 axis turning, is ideal for turning, milling, drilling, tapping and side processing. Its main spindle and back spindle can do compound turning, synchronously or simultaneously. Slant turning from 0° to 90° positioned in every 15° is also available. It is also suitable to execute polygon turning such as square, hexagon and even irregular shapes, etc. Also built for time saving and cost cutting, it is excellent for high-precision parts machining such as motorcycle parts, automotive parts, electric and electronic parts, instrument parts, pneumatic and hydraulic parts.

3-D Layout



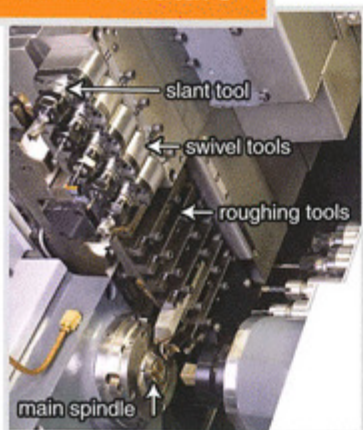
副主軸

高精密軸承搭配伺服馬達，C軸可與背面旋轉軸作第二工程切削加工。

Sub Spindle

C axis can work with back swivel axis to perform cutting for 2nd machining. Simultaneous control is available to turning two parts at the time.

Mechanics Feature



刀具與旋轉工具

備有16M車刀6只，可供車削用。旋轉工具5只，採用高效率伺服馬達作側面鑽孔，攻牙，剖溝，銑削等功能。

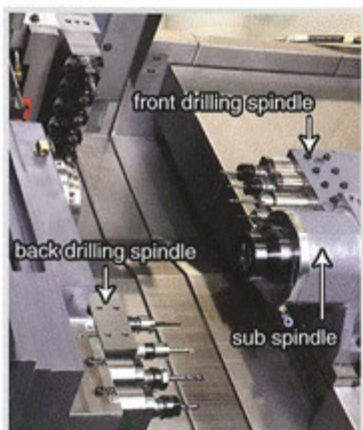
Tools & Rotation Tools

Tool rest is equipped with tools (16M) of 6 pcs for cutting, and with swivel tools of 5 pcs for side-drilling, tapping, slotting, front-face and slant milling.

Swivel tools are driven by high-efficiency servo motor.

Slant tools are optional installed.

Synchronous turning by main spindle and sub-spindle is available to perform side-drilling and tapping, etc.



正面鉗孔軸

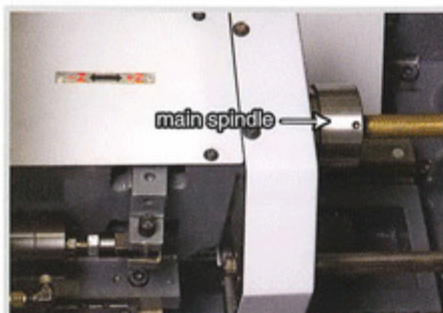
鉗孔軸共有4把，可供固定鉗孔與動力旋轉，可作鑽孔，攻牙，搪孔，偏心端面鉗孔攻牙等功能。

Front-Side Drilling Spindle

Front drilling spindle has 4 tools (all power-driven), and back drilling spindle has 4 tools (only 2 tools by power-driven).

It performs fixed drilling & power swiveling, drilling, tapping, boring, eccentric end-face drilling & tapping, etc.

Off-center turning is available in both front-face and back-face.



主軸馬達

高精密度的軸承及伺服馬達(皮帶式驅動)，能執行特殊的C軸加工及定位。

Main Spindle Motor

Equipped with the high precision bearings and servo motor (belt-driven), the main spindle can execute the special turning & positioning for C-axis.



收料裝置

小而堅固的收料裝置，能保持零件的完整性。零件輸送帶可穩定地傳送加工完的零件。

The Finished Parts Falling Device

The finished parts falling device, designed in small and strong structure, can keep parts integration from surface damage. The finished parts conveyor can stably conveyor the finished parts one after another.



數控系統

人性化的手輸操作面板，可方便使用者操作機台、撰寫及模擬程式。

N/C Controller

Friendly operation system features the easy positioning and operating panel which functions with servo motor of each spindle. MPG controller can allow operators to simulate the turning process step-by-step to avoid human-made inaccuracy in advance.

SL-3295

規格表 / Specification

NC控制器	SYNTEC	NC Controller
最大加工外徑	Ø32 mm	Max. Processing Diameter
最大加工長度	258 mm	Max. Processing Length
最大鑽孔直徑	Ø10 mm	Max Drilling Diameter
最大攻牙直徑	M8	Max. Tapping Diameter
棒材容徑	Ø32 mm	ID of Chuck Closing Tube
主軸內徑	Ø32 mm	ID of Spindle
主軸轉速	6,000 rpm	Spindle Speed Range
副主軸內徑	Ø32 mm	ID of Sub-Spindle
副主軸轉速	6,000 rpm	Sub-Spindle Speed Range
前面出料最大長度	200 ~ 250 mm	Max. Length of Part Eject
背面加工長度	80 ~ 100 mm	Backwork Processing Length
背面加工最大鑽孔徑	Ø10 mm	Max. Backwork Drilling Diameter
背面加工最大攻牙徑	M8	Max. Backwork Tapping Diameter
外徑刀具	6 pcs	O.D. Tool
外徑刀具尺寸	□16 x 16 x 120	O.D. Tool Size
側銑刀具	5 pcs	Side Milling Tool
側銑刀具尺寸	Ø10 mm (ER16)	Side Milling Tool Size
側銑刀具轉速	6,000 rpm	Side Milling Tool Speed Range

正面鑽孔刀具	4 pcs	Front Drilling Tool
背面鑽孔刀具	3 pcs	Back Drilling Tool
正面鑽孔刀具(迴轉)	4 pcs	Front Drilling Tool (Rotary)
背面鑽孔刀具(迴轉)	4 pcs	Back Drilling Tool (Rotary)
斜角度鑽銑刀數	3 pcs	Slant Drilling-Milling Tool
斜角度鑽銑轉速	6,000 rpm	Slant Drilling-Milling Speed Range
X1,Y1,Z1,X2,Z2軸	18 m/min	X1, Y1, Z1, X2, Z2 axis
X1軸	110 mm	X1
Y1軸	350 mm	Y1
Z1軸	260 mm	Z1
X2軸	410 mm	X2
Z2軸	180 mm	Z2
主軸馬達	7.0 kw	Spindle Motor
副主軸馬達	3.5 kw	Sub-Spindle Motor
X1,Y1,Z1,X2,Z2軸向馬達	1.0 kw	X1, Y1, Z1, X2, Z2 Motor
油壓馬達	1.0 HP	Hydraulic Motor
切削液馬達	0.8 kw	Coolant Pump Motor
油箱容量	180 L	Oil-Tank Capacity
體積 (長x寬x高)mm	2905x1690x2190	Dimension (WxDxH)mm
重量 (約)	3190 kg	Weight (approximately)

標準配備 / Standard Accessories

三點組合	3-Point Assembler
分離式切削油箱	Separate Cutting Oil Tank
自動潤滑裝置	Automatic Lubricating Device
切斷刀檢知裝置	Cutter Detect Device
成品輸送機	Finished Parts Conveyor
迴轉式導套裝置	Rotary Type Guide Bush Device

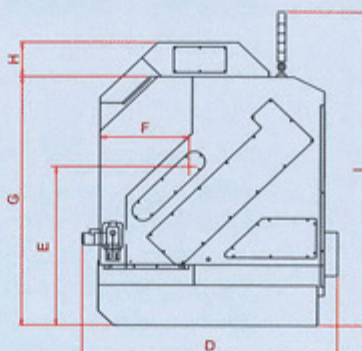
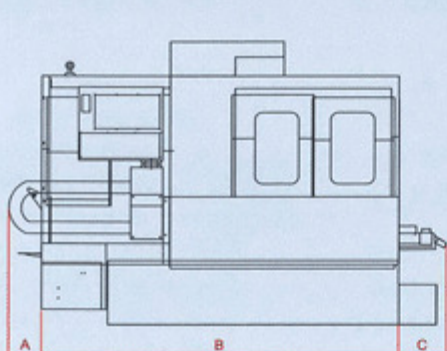
刀具固定支架6把型	Tool Rest 6 pieces Type
正面固定鑽孔軸4支	Front Drilling Shaft 4 pcs
背面固定鑽孔軸3支	Back Drilling Shaft 3 pcs
側面旋轉工具5軸型	Lateral Swivel Tools (5 Shafts Type)
照明設備	Illumination Device
工具箱	Tools Box

特殊配備 / Optional Accessories

活動式鑽孔軸	Movable Drilling Shaft
斜角度裝置	Slant Drilling Shaft
成品置物架	Finished Parts Frame
高壓邦浦	High-Pressure Pump

自動棒材送料機	Auto Bar Feeder
鐵屑輸送機	Chip Conveyor
全自動穩壓器 (20KVA)	Automatic Voltage Regulator (20KVA)
全自動變壓穩壓兩用裝置 (20KVA)	Automatic Voltage Regulator & Converter (20KVA)

機械尺寸圖 / EXTERNAL DIMENSION



A	245
B	2335
C	325
D	1690
E	1085
F	580
G	1730
H	235
I	2190

mm

非電腦自動車床 NON-CNC AUTOMATIC LATHE

移軸式自動車床 (無段變速)

**SLIDING HEADSTOCK TYPE-AUTOMATIC LATHE
(NON-STEP CHANGE SPEED SYSTEM)**



MODEL: W - 1186S

主要規格 SPECIFICATIONS

滑 台 數	Number of Tool Slides	5
支 軸 數	Number of Shafts	3
最 大 加 工 直 徑	Max. Processing Diameter	Ø11 mm
最 大 加 工 長 度	Max. Turning Length	60 mm
最 大 攻 牙 徑	Max. Threading Diameter	Free Cutting Brass Free Cutting Steel
		M6P1.0 M5P1.0
主 軸 迴 轉 數	Main Spindle Rotation	1910~6750 rpm (7 steps)
凸 輪 軸 迴 轉 數	Camshaft Rotation	0.1~35 rpm Non-step change speed
動 力	POWER	Main Motor Oil Pump
		2 HP (1.5kw) 1/4 HP (0.8kw)
主 馬 達		
切 削 油 泵		
地 面 至 主 軸 中 心 高 度	Height From Floor to Main Spindle Center	1150 mm
機 器 尺 寸 (不 含 送 料 架)	Dimensions (Without Feeding Support) mm	1800x800x1600
重 量 (約)	Weight (about)	880 kgs

標準附件 STANDARD ACCESSORIES

送 料 裝 置	Feeding Support	1 kit
照 明 裝 置	Illumination device	1 kit
無 段 變 速 控 制 箱	Cam Speed Controller	1 kit
調 整 工 具	Adjust Tools	1 kit
凸 輪 (不 含 設 計 加 工)	Cam (Non including Design, Processing)	1 kit
導 套 (先 指 定)	Guide Bush (to specification)	1 pic
主 軸 用 夾 頭 (先 指 定)	Spindle Collet Chuck (to specification)	1 pic
鑽 孔, 攻 牙 配 件—3 支 軸	3 Shafts - Drilling & Threading Attachment	1 kit

安全裝置 SAFETY DEVICE

主 皮 帶 自 動 停 止 裝 置	Device For Breakage of Main Belt
攻 牙 軸 自 動 停 止 裝 置	Device For Breakage of Threading Tool
凸 輪 軸 超 負 荷 自 動 停 止 裝 置	Device For Overload of Camshaft
送 料 終 止 自 動 停 止 裝 置	Device For Shortage of Bar Material

非電腦自動車床 NON-CNC AUTOMATIC LATHE

滑台式自動車床
SLIDING SLIDER TYPE-AUTOMATIC LATHE



MODEL: W - 1568
W - 2068

主要規格 SPECIFICATIONS				W-1568	W-2068
滑 台 數		Number of Tool Slides		5	5
支 軸 數		Number of Shafts		2	2
最 大 加 工 直 徑		Max. Processing Diameter		ø15 mm	ø20 mm
最 大 加 工 長 度		Max. Turning Length		30 mm	30 mm
最大攻牙直徑	快削銅	Max. Threading Diameter	Free Cutting Steel	M10P1.0	M10P1.0
	快削銅		Free Cutting Brass	7/16"-14牙	7/16"-14牙
主 軸 迴 轉 數		Main Spindle Rotation		2,400~8,400 rpm	2,400~8,400 rpm
主 軸 變 速 數		Main Spindle Speed Variation		5	5
凸 輪 軸 迴 轉 數		Camshaft Rotation		1.4~45.7 rpm	1.4~45.7 rpm
凸 輪 軸 變 速 數		Camshaft Speed Variation		15	15
主 動 力 馬 達		Main Motor		2 HP	2 HP
地面至主軸中心高度		Height From Floor to Main Spindle Center		1100 mm	1100 mm
機 械 材 積		Measures (Length, width, height) mm		1350x650x1550	1350x650x1550
附 送 料 架		With Feeding Support mm		4350x650x1550	4350x650x1550
重 量 (約)		Weight (about)		760 kgs	770 kgs

標準附件 STANDARD ACCESSORIES		
送 料 裝 置	Feeding Support	1 kit
攻 牙 安 全 裝 置	Tapping Safety Device	1 kit
切 削 冷 卻 裝 置	Cooling Device for Cutting	1 kit
調 整 工 具	Adjust Tools	1 set
筒 夾 頭	Collet Chuck	1 pic

特別附件 EXTRA ACCESSORIES		
自 動 潤 滑 裝 置	Automatic Lubricating Device	1 kit
凸 輪 組 潤 滑 裝 置	Lubricating Device for Cam	1 kit
銑 牙 裝 置	Thread Milling Device	1 kit
銑 溝 裝 置	Slotting Milling Device	1 kit
底 盤	Bottom Pan	1 pic

非電腦自動車床 NON-CNC AUTOMATIC LATHE

滑台式自動車床

SLIDING SLIDER TYPE-AUTOMATIC LATHE



MODEL: W - 1588
W - 2088

主要規格 SPECIFICATIONS				W-1588	W-2088
滑 台 數		Number of Tool Slides		5	5
支 軸 數		Number of Shafts		2	2
最 大 加 工 直 徑		Max. Processing Diameter		ø15 mm	ø20 mm
最 大 加 工 長 度		Max. Turning Length		30 mm	30 mm
最大攻牙直徑	快削鋼	Max. Threading Diameter	Free Cutting Steel	M10P1.0	M10P1.0
	快削銅		Free Cutting Brass	7/16"-14牙	7/16"-14牙
主 軸 迴 轉 數		Main Spindle Rotation		2,400~8,400 rpm	2,400~8,400 rpm
主 軸 變 速 數		Main Spindle Speed Variation		5	5
凸 輪 軸 迴 轉 數		Camshaft Rotation		1.4~45.7 rpm	1.4~45.7 rpm
凸 輪 軸 變 速 數		Camshaft Speed Variation		15	15
主 動 力 馬 達		Main Motor		2 HP	2 HP
地面至主軸中心高度		Height From Floor to Main Spindle Center		1100 mm	1100 mm
機 械 材 積		Measures (Length, width, height) mm		1350x720x1650	1350x720x1650
附 送 料 架		With Feeding Support mm		4350x720x1650	4350x720x1650
重 量 (約)		Weight (about)		800 kgs	810 kgs

標準附件 STANDARD ACCESSORIES		
送 料 裝 置	Feeding Support	1 kit
攻 牙 安 全 裝 置	Tapping Safety Device	1 kit
切 削 冷 卻 裝 置	Cooling Device for Cutting	1 kit
調 整 工 具	Adjust Tools	1 set
筒 夾 頭	Collet Chuck	1 pic
自 動 潤 滑 裝 置	Automatic Lubricating Device	1 kit
凸 輪 組 潤 滑 裝 置	Lubricating Device for Cam	1 kit
自 動 取 料 裝 置	Automatic parts Catcher	1 kit
密 閉 式 防 油 護 蓋	Closed Oilproof Guard	1 kit

特別附件 EXTRA ACCESSORIES		
銑 牙 裝 置	Thread Milling Device	1 kit
銑 溝 裝 置	Slotting Milling Device	1 kit
底 盤	Bottom Pan	1 pic



Quality Service Value

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經銷商 / Sales Agent

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