

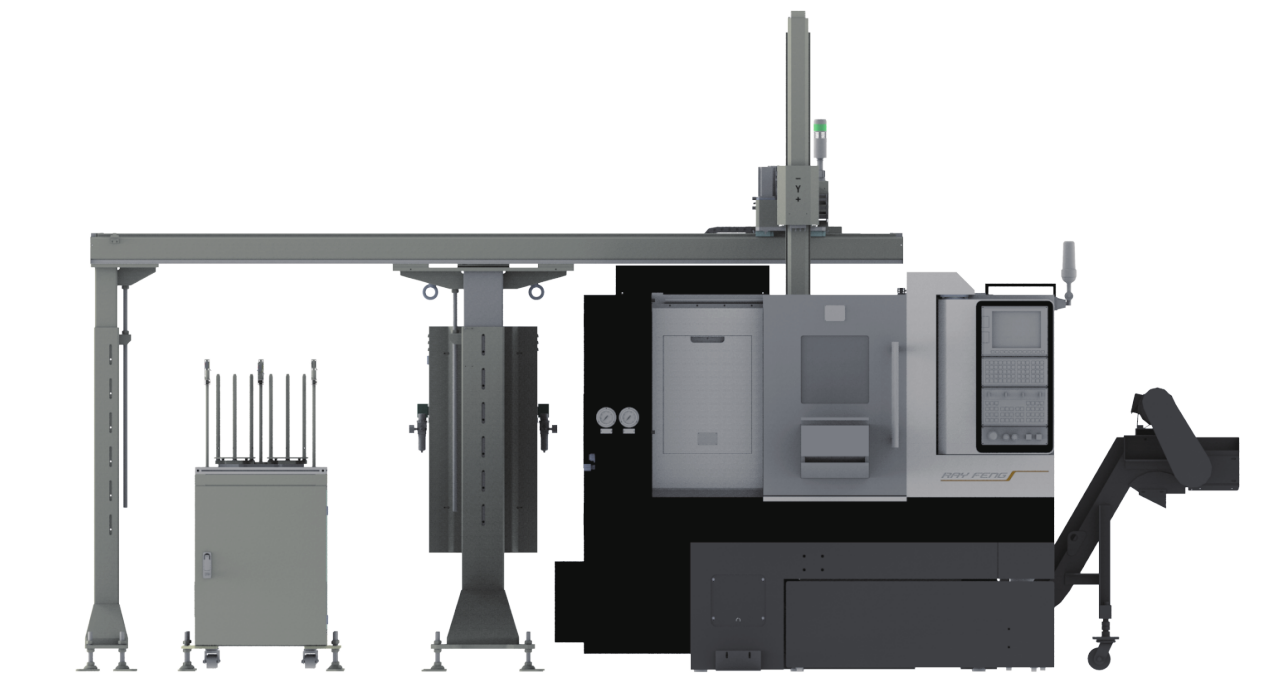
棒材送料系統 Bar Feeder System



自動棒材送料機
使用棒材加工時可達到無人化，提升加工效率。

Auto Bar feeder
Auto Bar feeder enables automation which leads to high efficiency.

門型機械手臂系統 Gantry Loader System



門型機械手自動上下料
門型機械手臂與可搭配不同供料倉實現自動化生產，讓加工生產更多樣化並提升生產效率。

Gantry Loader
Gantry loader could go with different work stocker to achieve the automatio, it enables machining process flexibility and productivity enhancement.

機型 / Model		RD-42
加工範圍 Capability	最大加工直徑 Max. Turning Diameter	Ø 165 mm
	最大加工長度 Max. Turning Length	300 mm
	棒材加工直徑 Bar Capacity	Ø 50 mm
軸向規格 Axis Spec.	X/Z軸行程 X/Z Axis Stroke	450 / 300 mm
	X/Z快速進給 Rapid Traverse Rate	X:30 / Z:36 m/min
	導軌類型 Slide Type	線性滑軌 Linear Motion Guide
主軸規格 Spindle	夾爪尺寸 Chuck Size	6” inch
	主軸鼻端 Spindle Nose	A2-5
	主軸通孔 Spindle through Hole Diameter	61 mm
	主軸最高轉速 Max. Spindle Speed	6000 rpm
	主軸馬達功率 Spindle Motor Power	7.5 / 11 / 15 KW (cont. / 30min)
	C軸定位 C Spindle Axis	0.001° Deg.
刀座規格 Tooling Spec.	刀具數 Number of Tools	6 EA
	外徑刀柄尺寸 Tool Shank Size	□20 mm
	內徑刀柄尺寸 Boring Bar Size	32 mm
其他 Other	冷卻油箱尺寸 Coolant Tank	125 L
	動力需求 Required Power	20 KVA
	機台高度 Machine Height	2000 mm
	機台佔地面積 Machine Floor Space	2176 x 1440
	機台重量 Machine Weight	2800 KG

標準配備 Standard Accessories

- 6“ 油壓三爪夾頭

■ 內徑刀座

■ 外徑刀座

■ 工作燈

■ 警示燈

■ 自動潤滑系統

■ 冷卻系統

■ 油壓系統

■ 操作手冊
- 6” Hydraulic Chuck

■ ID Holder x 4pcs

■ OD Turning Holder x 2pcs

■ Working LED Light

■ 3 step alarm Light

■ Lubrication System

■ Coolant System

■ Hydraulic chucking system

■ Instruction manual

特殊選配 Optional Accessories

- 8“ 油壓三爪夾頭

■ 筒夾夾頭

■ 動力刀具座(X/Z)

■ 套筒

■ 鑽頭套筒

■ 鐵屑輸送機

■ 工件捕捉器

■ 自動送料機介面

■ 油水分離機

■ 油霧回收機

■ CE 認證
- 8” Hydraulic Chuck

■ Power Collet chuck

■ Power Driven Tool (X/Z)

■ Boring bar sleeve

■ U Drill socket

■ Chip Conveyor

■ Part Catcher

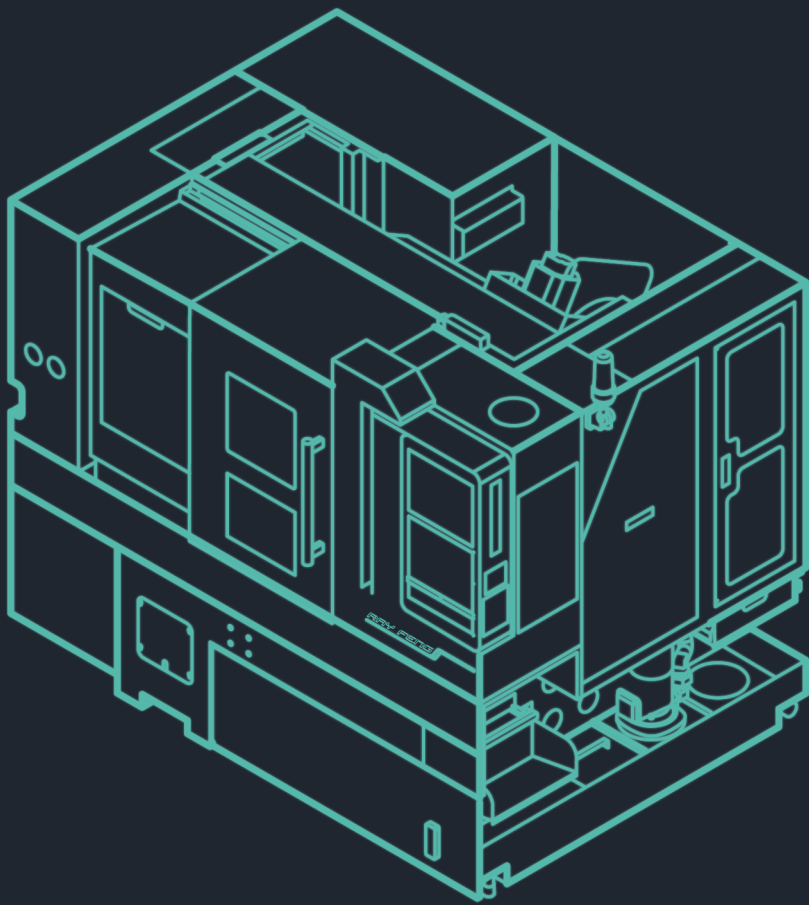
■ Auto Barfeeder Interface

■ Oil Skimmer

■ Oil Mist Collector

■ CE Marking

RAY FENG
MACHINE
PRODUCTS CATEGORY
RD-42



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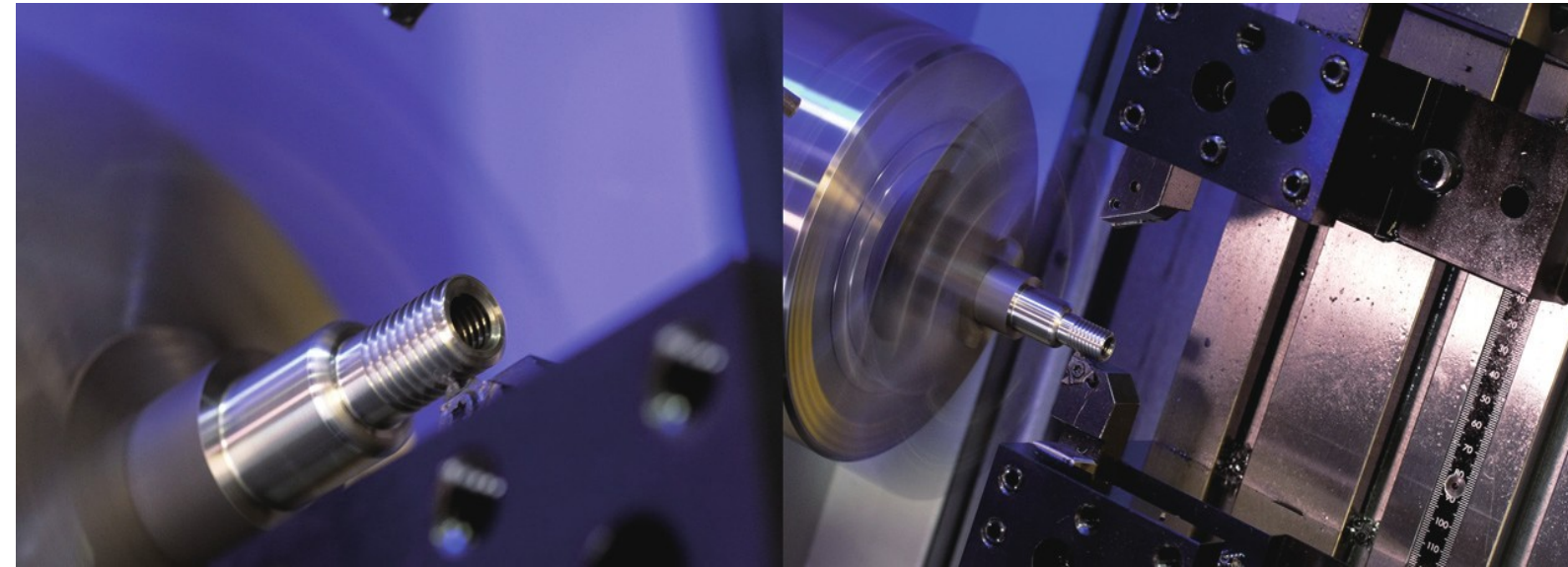
本公司保留機械及規格變更之權利，恕不另行通知。 Design and specification are subject to change without prior notice.
機械在一公尺範圍內之噪音值平均為80分貝。 The sound pressure level is 80 dB(A) at the position of one meter outside the machine.

RD-42

櫛式排刀數控車床 The Gang Type CNC Turning Lathe

RD-42 櫛式數控車床

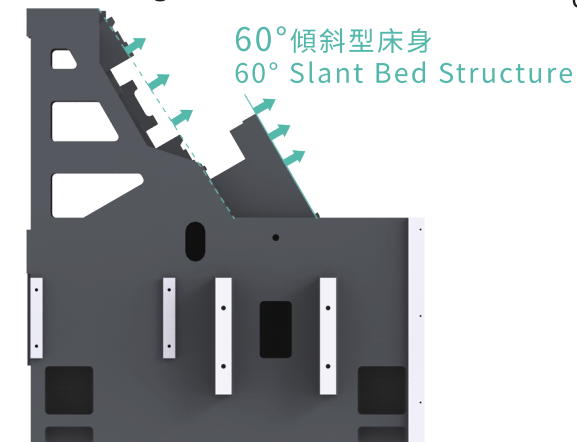
- 60° 斜床身高剛性結構設計讓排屑方便
- 多種櫛式刀座配置選擇
- 可搭配自動化系統進行自動生產
- 緊湊型結構設計
- 60° High rigidity structure design allows for efficient chip removal.
- Various gang tooling option.
- Optimal design for automation
- Compact Design Structure



基本結構 Basic Structure

60°一體式機床結構
此結構設計可使排屑，裝配刀具時更接近夾頭使之提高方便性，尤其是因主軸與排刀刀座安裝位置都同為60°

60° Slant Bed Structure
This machine bed structure designed remains the feature of excellent chip disposal and easy access to the chuck during the tool setting in 60° slant.



主軸 Spindle

此主軸設計採用斜角滾珠軸承，即使在最高轉速下也能使軸承達到最小熱變形，並在工件加工上可確保高精度

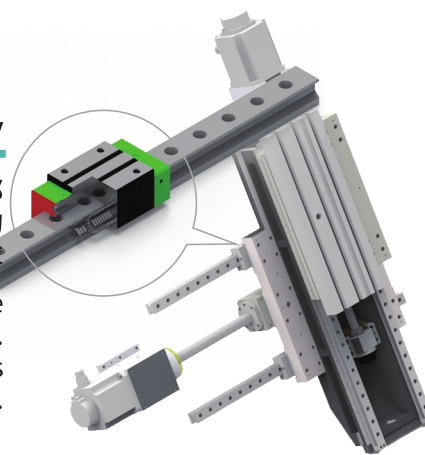
The spindle is designed with angular contact ball bearings. The bearings minimize thermal displacement even at high speeds.



線性滑軌 Linear Guideway

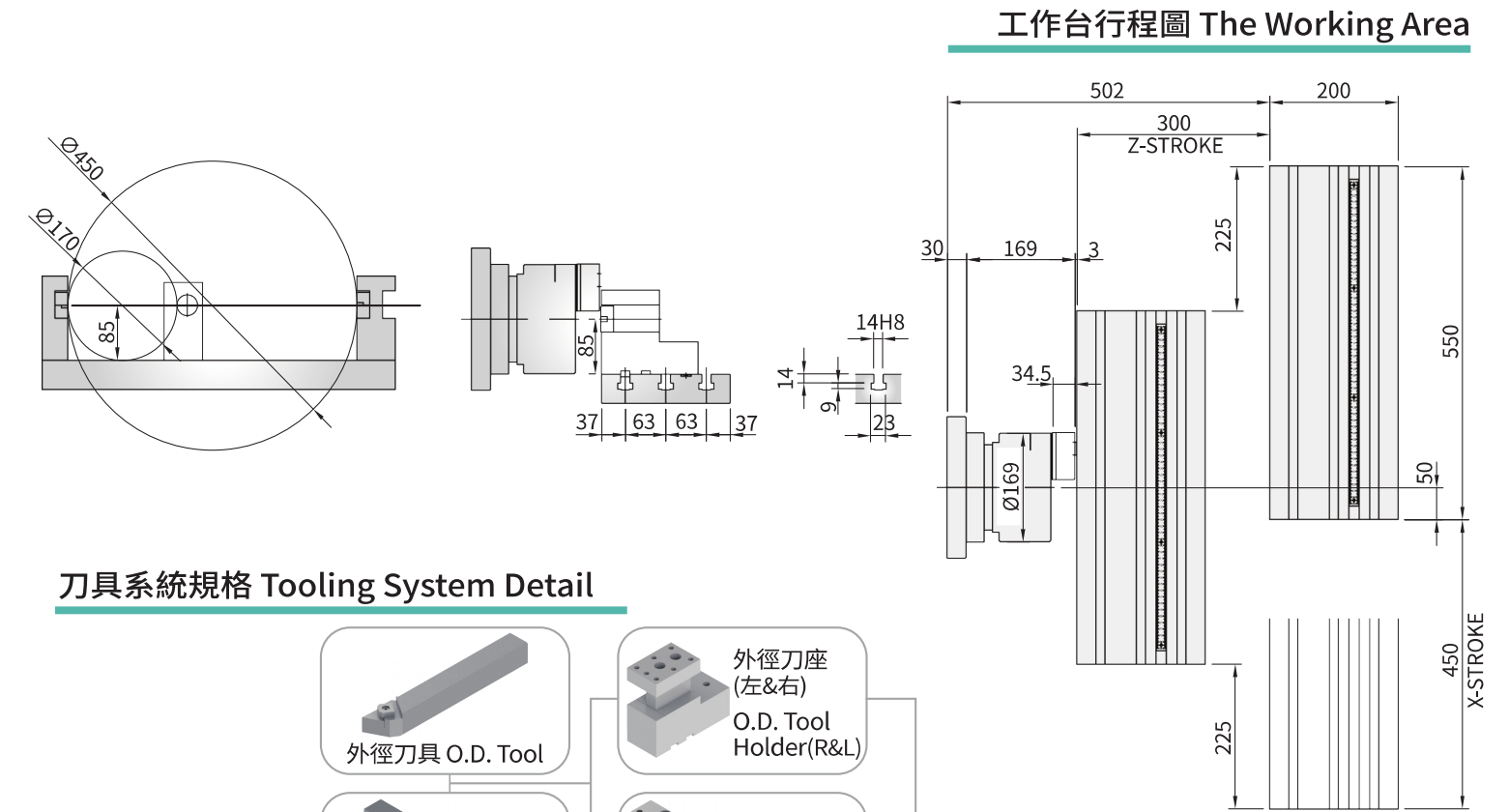
此機床採用滾柱線軌在重切削部分滾柱線軌的表現比滾珠線軌來的優越，並可符合客戶快速生產的需求

The RD-42 is designed with Roller type guideway on all axis to achieve higher rigidity. It reduces machining noise and enhances productivity through faster traverse rate.

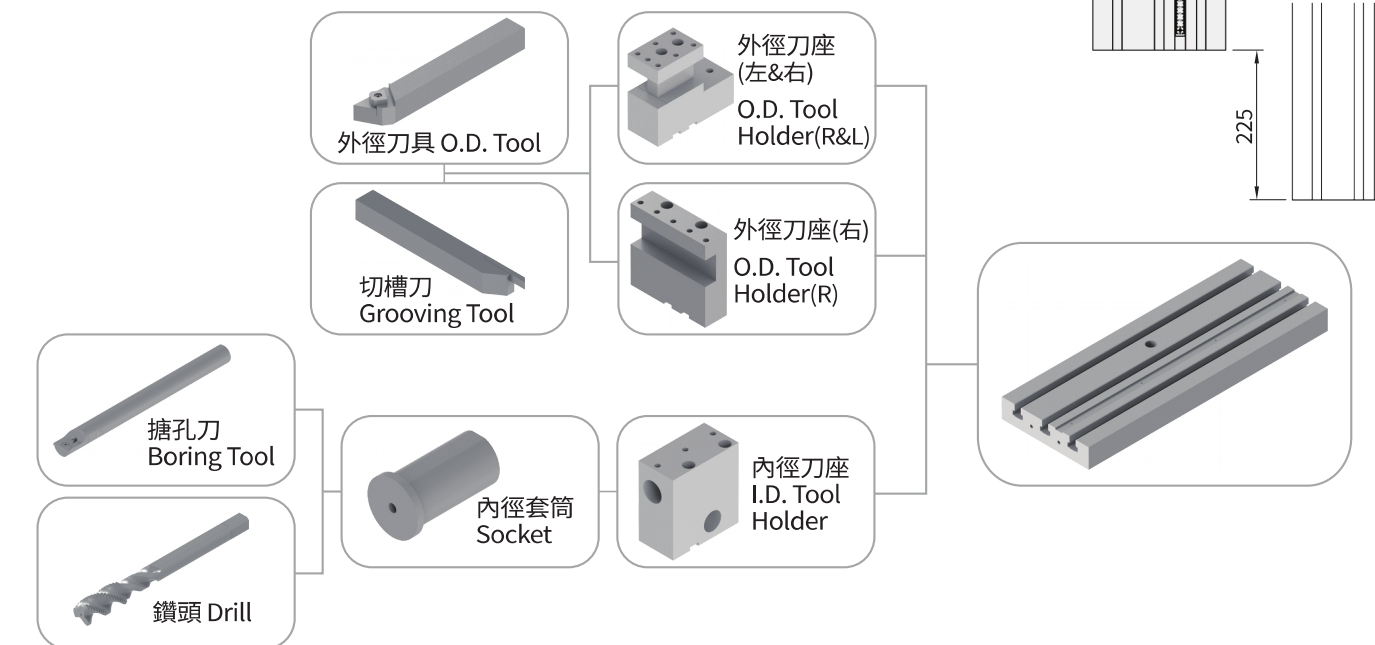


櫛式排刀刀具系統 Gang Tooling System

大幅縮短刀具切換時間，提高對小型工件的加工能力。
Reduced tool change time, productive has improved in the machining of small sized parts.



刀具系統規格 Tooling System Detail



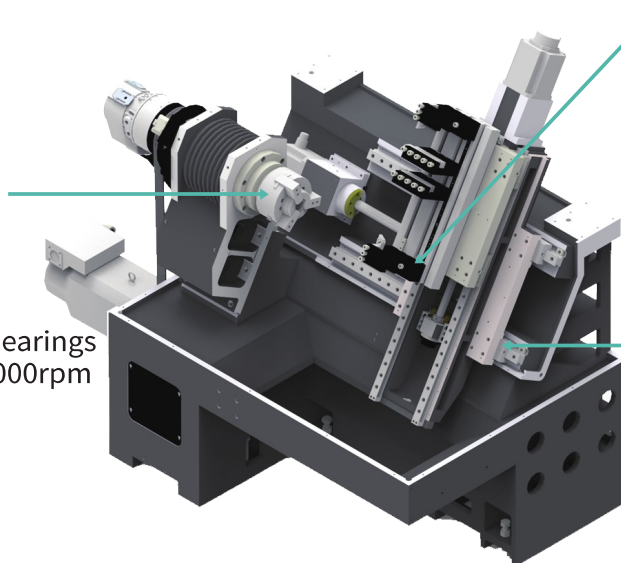
特點 Feature

高精度主軸

- 斜角滾珠軸承
- 轉速6000RPM
- 3V型皮帶
- A2-5

High precision spindle

- Angular contact ball bearings
- Max. Turning speed 6000rpm
- V-Ribbed Belt



排刀刀座

- 外徑刀: □20
- 內徑刀: Ø32 mm
- 刀具數量: 6 EA

Gang Tooling

- O.D. Holder: □20
- I.D. Holder: Ø32 mm
- No. of Tool: 6 EA

線性導軌

- 滾柱線軌
- 快移速度(X/Z): 30/36 m/min
- 行程(X/Z): 450/300 mm

LM Guide

- Roller type linear guideway
- Rapid Traverse Rate: 30/36 m/min
- X/Z Axis Stroke: 450/300 mm

機械尺寸圖 Machine Dimension

