

**SPECIFICATION / 規格表**

ITEM / 項目		SET-28		SET-32		SET-36			
MODEL	機 種	SET-2860 SET-3260 SET-3660	SET-2880 SET-3280 SET-3680	SET-28120 SET-32120 SET-36120	SET-28160 SET-32160 SET-36160	SET-28200 SET-32200 SET-36200	SET-28240 SET-32240 SET-36240	SET-28280 SET-32280 SET-36280	
<b>CAPACITY 工作範圍</b>									
Swing Over Bed	床面上最大旋徑	730 mm (28")		830 mm (32")		930 mm (36")			
Swing Over Cross Slide	橫送台上最大旋徑	500 mm (20")		600 mm (23")		700 mm (27-1/2")			
Swing In Gap	凹口上最大旋徑	1000 mm (40")		1100 mm (44")		1200 mm (47")			
Width of Gap	凹口工作寬度			225 mm (8-7/8")					
Distance Between Centers	兩心間距離	1500 mm (60")	2000 mm (80")	3000 mm (120")	4000 mm (160")	5000 mm (200")	6000 mm (240")	7000 mm (280")	
<b>HEAD STOCK 主軸箱</b>									
Spindle Bore	主軸孔徑			105 mm / *153 mm (OPT)					
Spindle Nose	主軸鼻端			A2-8 / *A2-11, D1-11 (OPT)					
Taper of Center	中心針斜度(莫氏)			M.T. No. 5 / * M.T. No. 6					
Range of Spindle Speeds	主軸變速範圍			15-1000 / *10-700 RPM					
Number of Spindle Speeds	主軸變換段數			12 Changes					
<b>FEEDS &amp; THREADS CUTTING 進給與車牙</b>									
Longitudinal Feeds	縱向進刀量範圍			0.05-0.7 mm/rev					
Cross Feeds	橫向進刀量範圍			0.025-0.35 mm/rev					
Inch Threads	英制螺紋(徑節螺紋)			2-28 Thread/in, (D.P. 4-56)					
Metric Threads	公制螺紋(模數螺紋)			0.8-14 mm/Thread, (M.P. 0.5-7)					
Leadscrew	導螺桿直徑及螺距			Ø45 mm (1-3/4") x 2T.P.1. / * P 12 mm (OPT)					
<b>CARRIAGE 滑座</b>									
Cross Slide Travel	橫送台移動範圍			425 mm (16-1/2")					
Compound Rest Travel	複式刀座移動範圍			250 mm (10")					
<b>TAILSTOCK 尾座</b>									
Quill Diameter	心軸直徑			95 mm (3-3/4") / * 105 mm (4-1/8")					
Quill Travel	心軸行程			230 mm (9")					
Taper of Quill Center	頂心斜度			M.T. No.5 / * M.T. No.6					
<b>BED 床體</b>									
								<b>ONE PIECE HEAVY DUTY 一體成型</b>	
Width of Bed	床面寬度			460 mm (18-1/8")					
Length of Bed	床身長	3050 mm (120")	3550 mm (140")	4550 mm (180")	5550 mm (219")	6550 mm (258")	7550 mm (298")	8550 mm (338")	
Main Motor	主馬達			15HP x 4P / * 20HP x 4P (OPT)					
Weight (Approx)	重 量(約)	5400 kg	5800 kg	6600 kg	7400 kg	8200 kg	9000 kg	9800 kg	
Packing Size (LxWxH)	裝箱尺寸(長x寬x高)	3500 x 1600 x 1900 mm	4000 x 1600 x 1900 mm	5000 x 1600 x 1900 mm	6000 x 1600 x 1900 mm	7000 x 1600 x 1900 mm	8000 x 1600 x 1900 mm	9000 x 1600 x 1900 mm	

\*Specifications are subject to change without notice for further design improvement. \*本公司擁有設計變更及規格變更之權力，若有變更恕不另行通知。

STANDARD ACCESSORIES 標準附件	OPTIONAL ACCESSORIES 特別附件
Back Plate 1 PC 連接板 1個	3-Jaw Scroll Chuck 三爪夾頭
Center Sleeve 1 PC 心軸套筒 1個	4-Jaw Independent Chuck 四爪夾頭
Center(M.T.5#) 2 PCS 中心針 2支	4-Jaw Face Chuck 四爪花盤
Tool Post Wrench 1 PC 刀架螺絲把手 1個	Face Plate 面盤
Anchor Bolt 1 SET 地基礎絲 1組	Taper Turning Attachment 斜度裝置
Tool Box & Tool 1 SET 工具箱及調整工具 1組	Follow Rest 跟刀架
Coolant Pump 1 SET 冷卻泵浦 1組	Longitudinal Rapid Traverse Device 縱向快速移動裝置
Work Light 1 PC 工作燈 1個	Steady Rest 中心架
	CE

SFM CNC

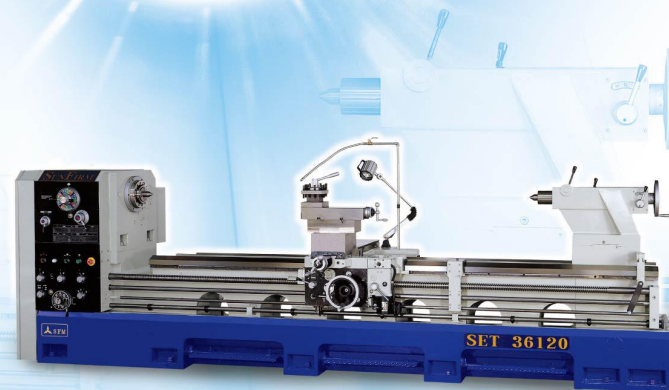


**SUN FIRM MACHINERY**

▲廠房建坪：6000平方米  
FACTORY SQUARE: 6000m<sup>2</sup>



**重切削強力精密車床  
HEAVY DUTY PRECISION LATHE**



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(48 year experience of professional lathe manufacturing)



**三鋒機器工業股份有限公司**  
**SUN FIRM MACHINERY IND.CO.,LTD.**

# SFM 重切削強力精密車床

## HEAVY DUTY PRECISION LATHE

### HEADSTOCK

- All gears and mandrel are made of alloy steel with heat treatment and precision ground.
- Rotating type speed changing system is easy to operate.

### 主軸箱

- 全部齒輪及槽輪都用合金鋼製成經淨化熱處理及精密研磨。
- 旋轉式變速機構操作簡單。

### SPINDLE

- Large bore spindle, supported by 3-point precision bearings.
- Suitable for heavy-duty cutting.

### 主軸

- 超大直徑主軸，主軸孔徑 105mm，153mm (OPT)。
- 超精密軸承三點支持式。

### APRON AND SADDLE

- Easy-operated overload protects safety device.
- Central lubrication system can be operated manually or automatically.

### 床護與鞍座

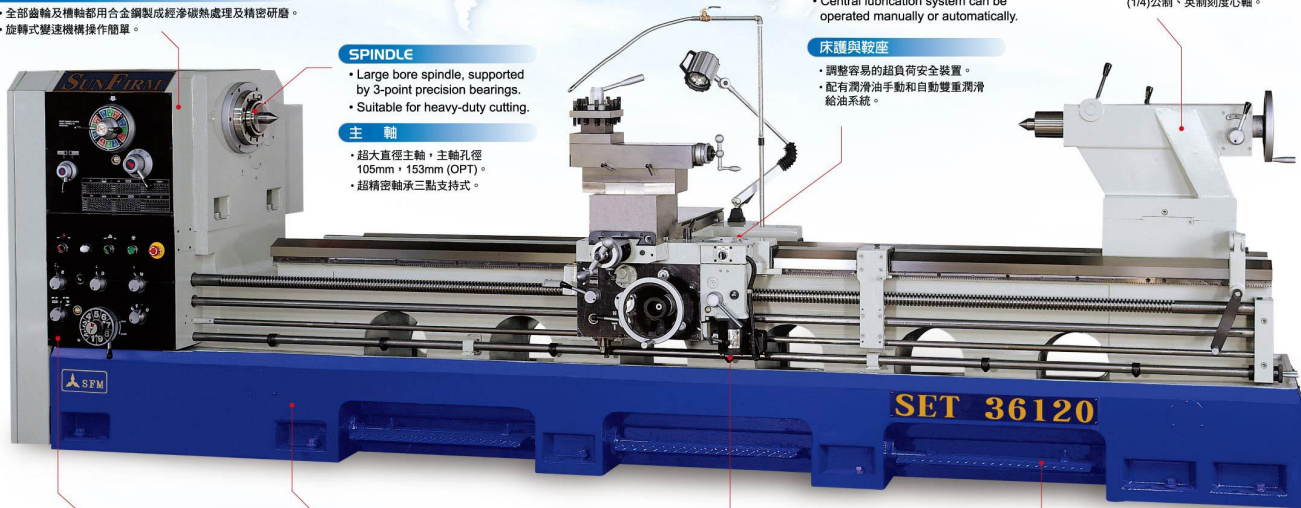
- 調整容易的超負荷安全裝置。
- 配有潤滑油手動和自動雙重潤滑給油系統。

### TAILSTOCK

- With speed reduced quill suitable for heavy duty drilling, hand wheel is with dual dial.

### 尾座

- 為強壓力鑽孔作業操作之減速裝置 (1/4) 公制、英制刻度心軸。



### GEAR BOX

- Universal gear box design, is able to cut metric thread, Imperial thread, module thread without changing gears.

### 齒輪箱

- 全能車製螺紋機構，任意車製。
- 公制螺紋、英制螺紋、模數螺紋、徑節螺紋，不須變換齒輪。

### LATHE BED

- High tensile ribs structure. high precision and wide bed surface.
- With hardened and precision ground.
- One piece structure lathe bed enhances the machine life and working performance.

### 床身

- 高剛性之肋骨結構。
- 高精度寬大床面，經淬火並研磨。
- 一體成型落地底座適合重型工件並延長使用年限。

### AUTO LONGITUDINAL STOP

- Auto longitudinal travel device will control the feed of tool post.

### 自動停止裝置

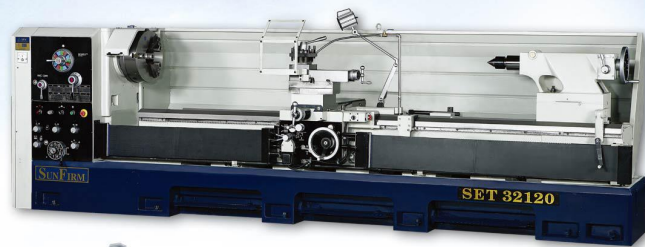
- 自動縱進刀的進刀距離自動停止控制可調整任意進刀距離。

### EMERGENCY BRAKE SYSTEM

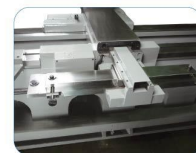
- More safe emergency brake system can shut off power supply simultaneously.

### 緊急煞車

- 腳制車裝置，能直接切斷電源，操作迅速確實。



● 中心架  
Steady Rest



● 斜度裝置  
Taper Turning Attachment



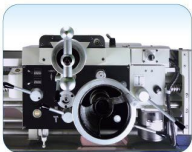
● 四方向快速裝置  
4 Way Rapid Traverse Device



● 強力尾座  
Heavy Duty Tailstock



● 跟刀架  
Follow Rest



● 縱向快速裝置  
Longitudinal Rapid Traverse Device



● 面盤  
Face Plate



● 三爪強力夾頭  
3-Jaw Scroll Chuck



● 美式四爪夾頭  
4-Jaw Independent Chuck



● 英式四爪夾頭  
4-Jaw Face Chuck