

重切削強力精密車床 規格表

HEAVY DUTY PRECISION LATHE SPECIFICATION

項目 ITEM

機 種 MODEL		FEL-F28		FEL-F32		FEL-F36					
工作範圍 CAPACITY											
床面上最大旋徑 Swing Over Bed		730mm (28")		830mm (32")		930mm (36")					
橫送台上最大旋徑 Swing Over Cross Slide		500mm (19.5")		600mm (23.5")		700mm (27.5")					
凹口上最大旋徑 Swing in Gap		1020mm (40")		1120mm (44")		1220mm (48")					
凹口工作物長度 Width of Gap		304mm (12")									
兩心間距離 Distance Between Centers		1320mm (50") 1820mm (70") 2320mm (90") 2820mm (110") 3320mm (130") 4320mm (170") 5320mm (210") 6320mm (250") 7320mm (290") 8320mm (330")									
主軸箱 HEADSTOCK											
主軸孔端 Spindle Bore		105mm (4"), 153mm (6") (OPT)				230mm (9")					
主軸鼻端 Spindle Nose		A2-8, A2-11, D1-11 (OPT)				A2-15 (OPT)					
主軸變速範圍 Range of Spindle Speeds		15-1000RPM, 10-700RPM				12-600RPM, 8-400RPM					
中心針斜度(莫氏) Taper of Center		M.T.NO.5, M.T.NO.6 (OPT)									
主軸變換段數 Number of Spindle Speeds		12Changes									
進給與車牙 FEEDS & THREADS CUTTING											
縱向進刀量範圍 Longitudinal Feeds		0.05-0.7mm/rev									
橫向進刀量範圍 Cross Feeds		0.025-0.35mm/rev									
英制螺紋(徑節螺紋) Inch Threads		2-28Thread/in, (D.P. 4-56)									
公制螺紋(模數螺紋) Metric Threads		0.8-14mm/Thread, (M.P. 0.5-7)									
導螺桿直徑及螺距 Leadscrew		45mm (1-3/4") × 2T.P.I. or P12mm (OPT)									
滑 座 CARRIAGE											
橫送台移動範圍 Cross Slide Travel		425mm (16.5")				475mm (18.5")					
複式刀座移動範圍 Compound Rest Travel		250mm (10")									
尾 座 TAILSTOCK											
心軸直徑 Quill Diameter		§ 95mm, § 105mm (OPT)									
心軸行程 Quill Travel		260mm (10")									
頂心斜度 Taper of Quill Center		M.T.NO.5, M.T.NO.6 (OPT)									
床 體 BED											
床面寬度 Width of Bed		460mm (18 1/8")									
主馬達 Main Motor		15HP, 20HP (OPT)									
床身長單位 Length of Bed CM		50	70	90	110	130	170	210	250	290	330
		293	343	393	443	493	593	693	793	893	993
裝箱尺寸(約)單位 Packing Size CM (L×W×H)		320	370	420	470	520	620	720	820	920	1020
		寬 W 160 高 H 180									
重 量(約)單位 Weight (Approx) KG (淨重/NW)		5000	5400	5800	6200	6600	7400	8200	9000	9800	10600

標準附件 STANDARD

- 連結板 1個
- 心軸套筒 1個
- 中心針 2支
- 刀架螺絲把手 1個
- 地腳螺栓 1個
- 工具箱 1個
- 四爪夾頭 18" 1個
- 中心架 1個
- Back Plate 1PC
- Center Sleeve 1PC
- Center (M.T.5#) 2PCS
- Tool Post Wrench 1PC
- Anchor Bolt 1SET
- Tool Box & Tool 1SET
- 4-Jaw Independent Chuck 18" 1PC
- Steady Rest 1PC

特別附件 OPTION ACCESSORIES

- 三爪夾頭 12" 1個
- 面盤 30" 1個
- 斜度裝置 1組
- 跟刀架 1個
- 冷卻泵浦 1組
- 縱向快速移動裝置 1組
- 3-Jaw Scroll Chuck 12" 1PC
- Face Plate 30" 1PC
- Taper Turning Attachment 1SET
- Follow Rest 1PC
- Coolant Pump 1SET
- Longitudinal Rapid Traverse Device 1SET

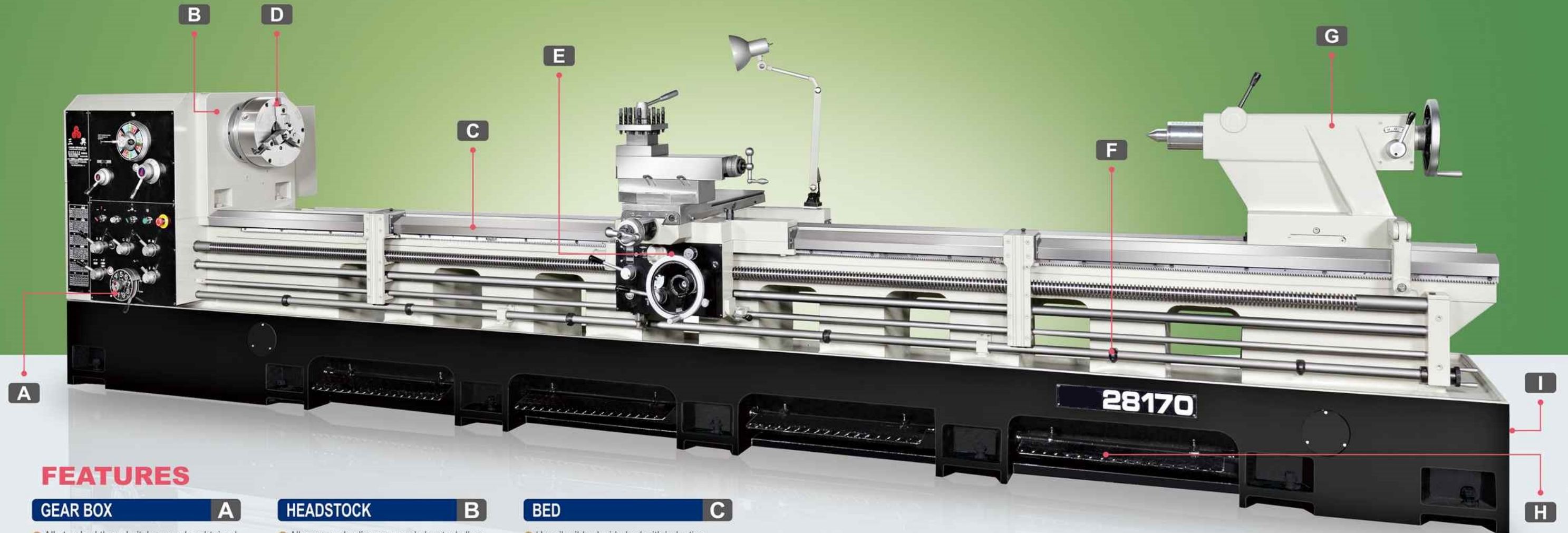
HEAVY DUTY PRECISION LATHE

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FEATURES

GEAR BOX A

- All standard thread pitches can be obtained without changing the gears including.
- Metric threads.
- inch threads.
- Module pitches.
- Diametral pitches.

MAIN SPINDLE D

- Large diameter spindle for heavy cutting. Big bore through spindle 105mm, 153mm (OPT.), 230mm (OPT.)
- The main spindle is forging as whole-body and sustained by precision bearings.
- Double spindle nose to choose.

TAILSTOCK G

- High tensile structure, suitable for heavy workpieces.
- Reduction gearing for convenience in drilling (1/4). Quill with metric and inch graduation.

HEADSTOCK B

- All gears and splines are made by steel alloys with hardened and precision ground.
- Dial rotary system for quick and easy speed changes.

APRON AND CARRIAGE E

- Readily adjustable overload safety device.
- Manual and automatic dual lubrication for slide surface.

EMERGENCY BRAKE H

- The emergency brake pedal can be used for cutting the power and stopping the machine immediately and safe fast precise operation.

BED C

- Heavily ribbed wide bed with induction hardened and precision ground ways.
- Design of the bed can quickly clean up iron filings.
- One piece structure lathe bed enhances the machine life and working performance.

AUTOMATIC STOPPER F

- Automatic stopper for longitudinal feeds.

CENTER DISTANCE I

- Distance between center 300mm longer. could cut exact longer workpiece.

主要功能

齒輪箱 A

- 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。

床護與鞍座 E

- 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。

兩頂心距離 I

- 全系列兩頂心多300mm、可實際車削更長工件。

主軸箱 B

- 全部齒輪及槽軸都用合金鋼製成經滲碳熱處理及精密研磨。
- 旋轉式變速機構操作簡單。

自動停止裝置 F

- 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。

床身 C

- 高剛性之筋骨結構。
- 高精度寬大床面，精淬火並研磨。
- 床體設計、鐵屑容易清理。
- 一體成形、落地底座、適合重型工件加工、並延長使用年。

尾座 G

- 高剛性結構適合重型工件加工。
- 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。

主軸 D

- 超大直徑主軸主軸孔徑105mm、153mm (OPT.)、230mm (OPT.)
- 主軸為整體鍛造加工而成，並由精密軸承支持。
- 有雙鼻端主軸可供選擇。

緊急剎車 H

- 腳剎車裝置，能直接切斷電源，操作迅速確實。