

X HEAVY DUTY PRECISION LATHE

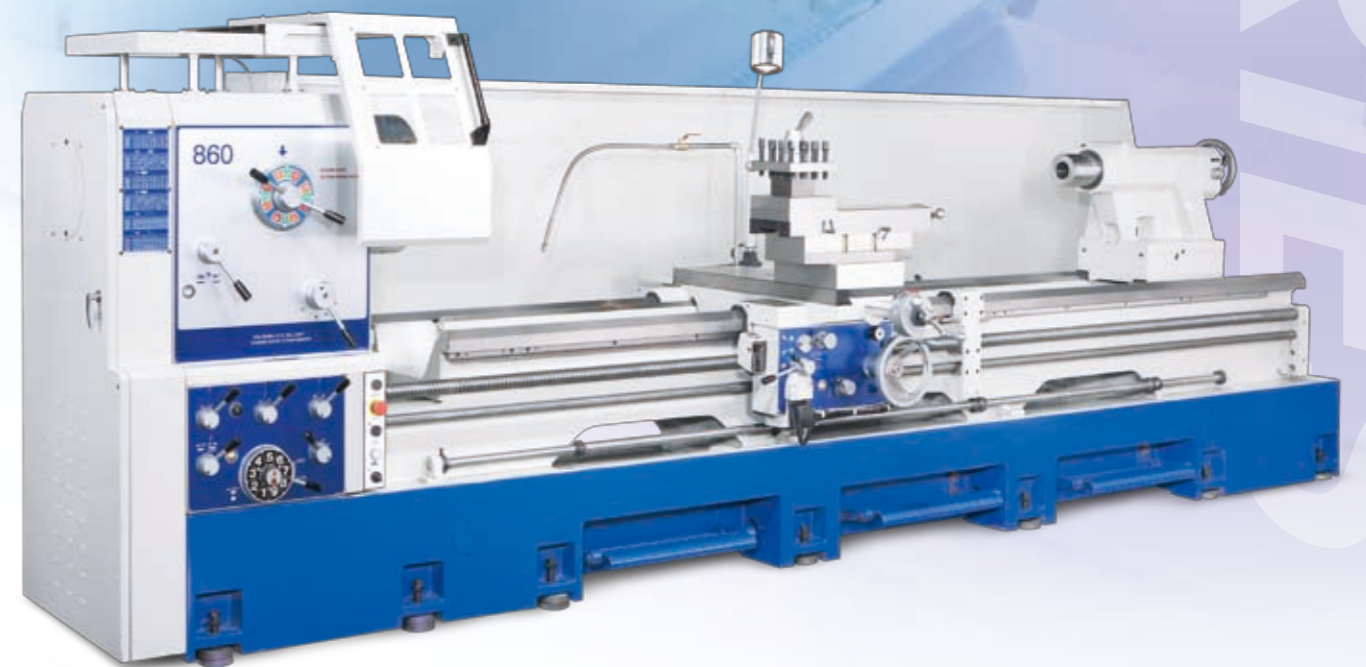
ITEM	項目	X-33			X-37			X-41		
		X-3370	X-3390	X-33130	X-33170	X-33210	X-33250	X-33290	X-33330	
Model	機種	X-3770	X-3790	X-37130	X-37170	X-37210	X-37250	X-37290	X-37330	
		X-4170	X-4190	X-41130	X-41170	X-41210	X-41250	X-41290	X-41330	
Swing Over Bed	床面上最大旋徑	860 mm (34")			960 mm (38")			1060 mm (42")		
Swing Over Cross Slide	橫送台上最大旋徑	610 mm (24")			710 mm (28")			810 mm (32")		
Swing Over Gap	凹口上最大旋徑	1170 mm (46")			1260 mm (50")			1360 mm (54")		
Width of Gap	凹口工作寬度	475 mm (19")								
Center Distance (mm)	兩心間距離 (mm)	1810(72")	2310(92")	3310(132")	4310(172")	5310(212")	6310(252")	7310(292")	8310(332")	
Max. Length for Workpiece	加工件最大長度	1650	2150	3150	4150	5150	6150	7150	8150	
Spindle Bore	主軸孔徑	153 mm (6") / 230 mm (9") (OPT.)								
Spindle Nose	主軸鼻端	A2-11 / A2-15 (OPT.)								
Taper of Spindle Bore	主軸通孔錐度	MT7# / 1/20(OPT.)								
Spindle Speed	主軸轉速範圍	8-680 rpm / 6-500 rpm								
Spindle Speed	主軸變換段速	12 Steps/ 段								
Spindle Center To Ground	主軸中心至地面高度	1178			1228			1278		
Longitudinal Feeds Range	縱向進刀量範圍	0.05 ~ 0.7 mm/rev								
Cross Feeds Range	橫向進刀量範圍	0.025 ~ 0.35 mm/rev								
Rapid Traverse Z/X Axis	快速移動	Z Axis = 3.7 M/min / X Axis = 1.8 M/min								
Inch Threads Range	英製螺紋	2 ~ 28牙 / in (D.P. 4-56)								
Metric Threads Range	公製螺紋	0.8 ~ 14 mm (M.P. 0.5-7)								
Leadscrew pitch	導螺桿直徑	ø45 x 2 TPI / P12 mm (OPT.)								
Cross slide Travel	橫送台移動範圍	480 mm								
Compound Rest Travel	複式刀座移動範圍	330mm (13")								
Tool Shank	使用刀柄	32 x 32								
Tail Spindle Diameter	尾座心軸直徑	ø120 mm (4")								
Tail Spindle Travel	尾座心軸行程	250 mm (10")								
Taper of Tail Center	尾座頂心斜度	MT6#								
Bed Width	床面寬度	510 mm (20")								
Spindle motor	主軸馬達	20HP / 30HP (OPT.)								
Bed	床體	One piece 一體成型								
Machine Dimensions (cm)	佔地面積 (cm)	375 x 174	425 x 174	525 x 174	625 x 174	725 x 174	825 x 174	925 x 174	1025 x 174	
Net Weight (Kgs)	重量 (Kgs)	5700	6100	6800	7600	8400	9200	10000	10800	
Packing Dimensions (cm)	裝箱尺寸 (cm)	400 x 185 x 208	425 x 185 x 208	531 x 185 x 208	625 x 185 x 208	750 x 185 x 208	850 x 185 x 208	950 x 185 x 208	1050 x 185 x 208	

WinHo

WIN HO Technology Industrial Co.,LTD.

威赫科技工業股份有限公司

Heavy Duty Precision Lathe
重切削強力精密車床



WinHo

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X HEAVY DUTY PRECISION LATHE

重切削強力精密車床

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

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

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，不需變換齒輪。

SPINDLE

- Large bore spindle 153mm, 230mm (OPT), supported by 3-point precision bearings.
- Suitable for heavy-duty cutting.

主軸

- 超大直徑主軸，主軸孔徑153mm，230mm(OPT)。
- 超精密軸承三點支持式。

APRON AND SADDLE

- Longer, wider slide and carriage for stronger heavy cutting.
- Easy-operated overload safety device.
- Central lubrication system can be operated manually or automatically

護床

- 滑座與床鞍加長加寬，重切削更強。
- 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。

FAST FEED and AUTO SKIP-OFF

- Apron has auto distance skip-off design for cross and longitudinal fast feed.

快送及自動跳脫

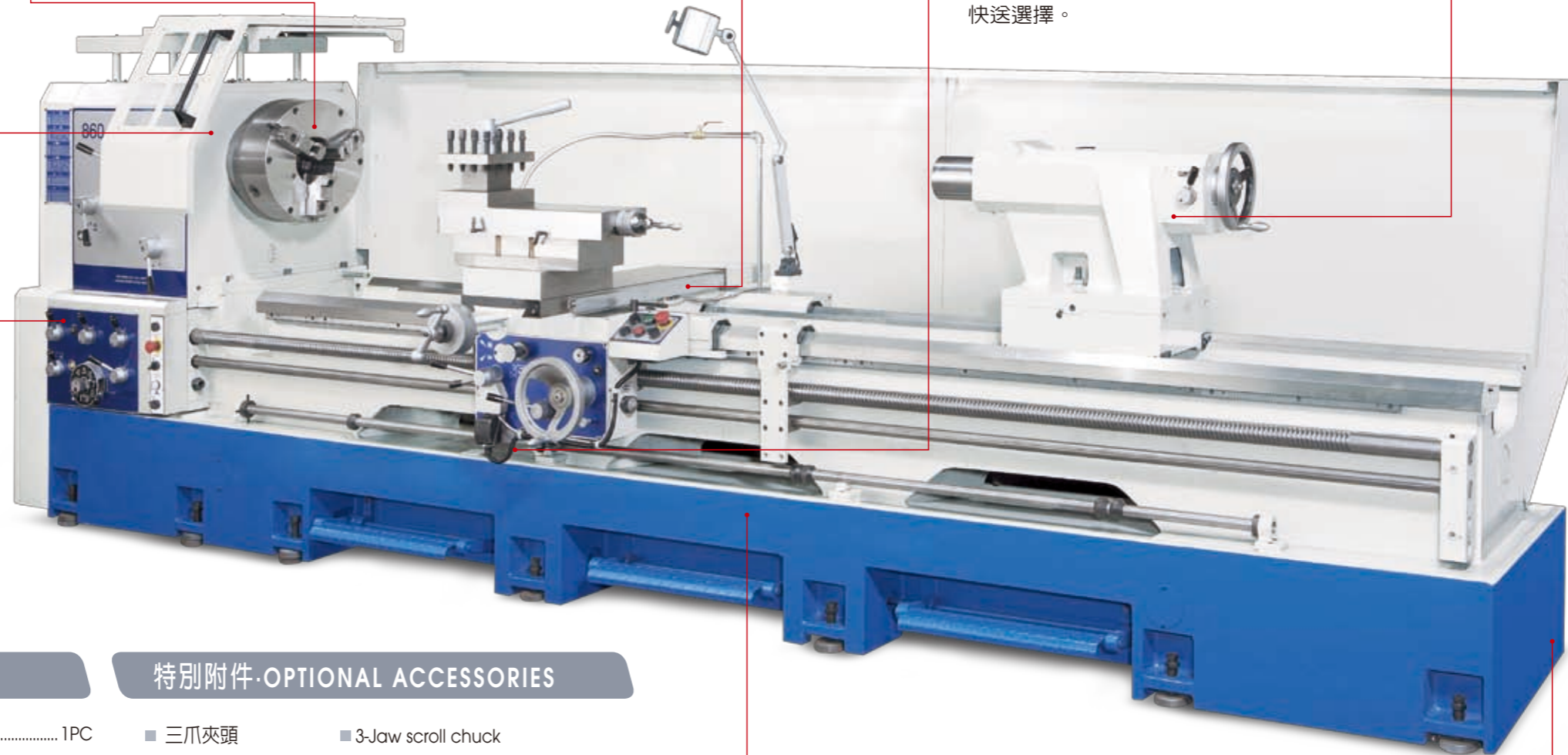
- 自動縱向可任意控制跳脫距離，有縱向及橫向快送選擇。

TAILSTOCK

- Bearing on the bottom of Tailstock can be moved easily.

尾座

- 軸承支撐，移動輕便。



標準附件·STANDARD ACCESSORIES

- | | |
|-------------------|---------------------------------------|
| ■ 連接板.....1個 | ■ Back plate.....1PC |
| ■ 心軸套筒.....1個 | ■ Center sleeve.....1PC |
| ■ 中心頂針.....2支 | ■ Center.....2PCS |
| ■ 刀架螺絲把手.....1個 | ■ Tool post wrench.....1PC |
| ■ 地基螺絲.....1組 | ■ Anchor bolt.....1SET |
| ■ 工作箱及調整工具.....1組 | ■ Tool box & Tool.....1SET |
| ■ 冷卻泵浦.....1組 | ■ Coolant pump.....1SET |
| ■ 工作燈.....1個 | ■ Work light.....1PC |
| ■ 四爪夾頭.....1個 | ■ 4-Jaw independent chuck.....1PC |
| ■ 四向快速移動裝置.....1組 | ■ 4-way rapid traverse device....1SET |
| ■ 中心架.....1個 | ■ Steady rest.....1PC |

特別附件·OPTIONAL ACCESSORIES

- | | |
|--------|----------------------------|
| ■ 三爪夾頭 | ■ 3-Jaw scroll chuck |
| ■ 四爪花盤 | ■ 4-Jaw face plate |
| ■ 花盤 | ■ Face plate |
| ■ 斜度附件 | ■ Taper turning attachment |
| ■ 跟刀架 | ■ Follow rest |
| ■ 大擋板 | ■ Rear splash guard |
| ■ 四點定位 | ■ 4 Position carriage stop |
| ■ 微調裝置 | ■ Micro carriage stop |
| ■ CE | ■ CE certificate |
| ■ 快換刀架 | ■ Quick change tool post |
| ■ 活動頂針 | ■ Live center |
| ■ 光學尺 | ■ Digital readout |

BED

- High tensile ribs structure, high precision and wide bed surface.
- 3V Bed way design. Durable precision.
- 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。
- 3V床軌設計，精度永保如新。
- 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。

CENTER DISTANCE

- Center distance 300mm longer, could cut exact longer workpiece.

兩頂心距離

- 全系列兩頂心多300mm可實際車削更長工件。