

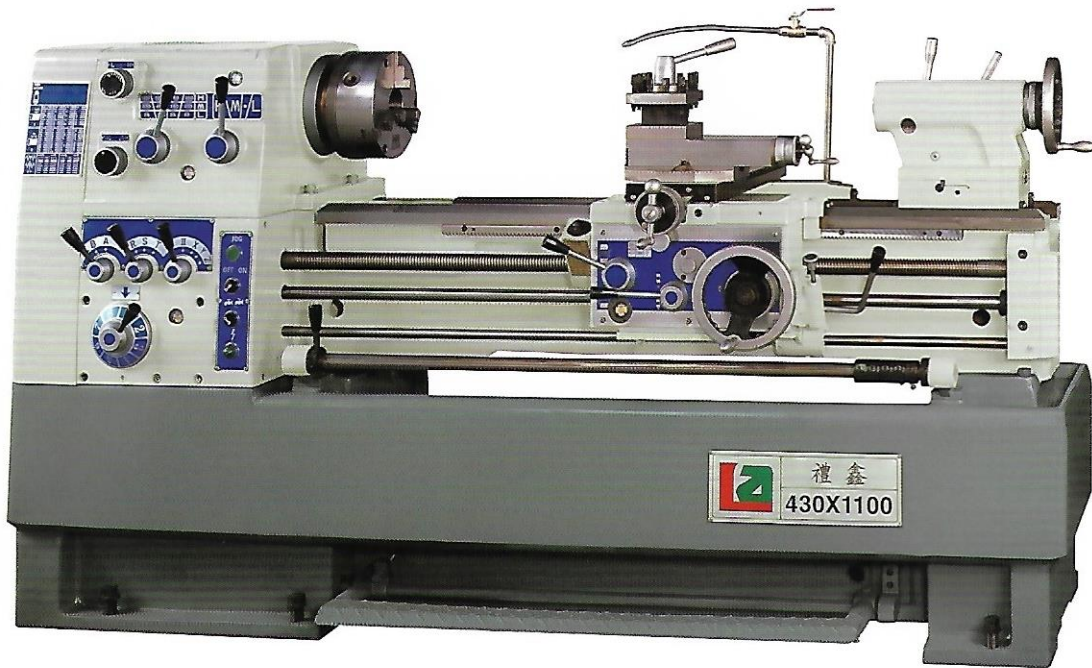
# High Speed Precision Lathe

*Heavy duty, Precise, Reliable turning*





## 430, 530 SERIES



### 規格 / SPECIFICATIONS:

項目 ITEM	機型 MODEL	LA-430					LA-530					
		550	800	1100	1700	2000	550	800	1100	1700	2000	
功能 / CAPACITY												
床面寬度	Width of bed			300 (12")								
車刀臺最大移動距離	Total travel of top slide			120 (4 3/4")								
床面上最大工作物直徑	Swing over bed			ø432 (17")				ø532 (21")				
鞍面上最大工作物直徑	Swing over cross slide			ø272 (10 3/4")				ø372 (14 2/3")				
間隙上最大工作物直徑	Swing in gap			ø610 (24")				ø710 (28")				
從面板算起之間隙長度	Gap width in front of face plate			150 (5 7/8")								
床腳下面至中心線高度	Height of center from leg bottom			1080 (42 3/8")				1080 (46")				
兩心間最大距離	Distance between centers			550 (21.65") / 800 (32") / 1100 (44") / 1700(67") / 2000 (78.74")								
主軸箱 / HEADSTOCK												
主軸速度變換數	Number of spindle speeds			12								
主軸孔徑	Spindle bore			ø58(2 1/4")								
主軸鼻端	Type of spindle nose			ASA-A1-6 D1-6								
主軸孔及中心針之斜度	Taper of spindle bore & center	M.T.		MT. No. 6 x No. 4								
主軸迴轉數	Range of spindle speeds	R.P.M.		35, 52, 75, 110, 160, 230, 330, 490, 650, 950, 1350, 2000								
螺紋和進給 / THREAD & FEED												
導蝨桿之直徑及螺距	Lead screw diameter and pitch	mm		35(1 1/8") · 螺距4牙/吋或6mm/牙 /35(1 1/8")4TPI or pitch 6mm								
英制	Range of inch threads			2-72 (44種) /2~72(44)changes								
公制	Range of metric threads			6mm 0.2~14(39種) /0.2~14(39)changes								
押送量變換數	Number feeds	段 / steps		36								
押送範圍：縱	Range of longitudinal feeds	mm		0.03~0.85(0.0012"~0.034")								
橫	Range of cross feeds	mm		縱押送之1/2/1/2 of longitudinal feeds								
尾座 / TAILSTOCK												
心軸直徑	Tailstock quill diameter	mm		ø60(2 3/8")								
尾座心軸行程	Total travel of tailstock quill	mm		150(6")								
中心孔斜度	Taper in tailstock quill	M.T.		No. 4								
馬達 / MOTORS												
主軸馬達	Spindle drive motor	HP		5 HP / 7.5HP (opt.)								
冷卻泵浦	Coolant pump motor	HP		1/8								
機械體積及重量 / MACHINE DIMENSIONS AND WEIGHT												
佔用空間(長×寬×高)	Space required (L x W x H)	mm	1650x1000x1400	2000x1000x1400	2300x1000x1400	2900x1000x1400	1650x1000x1400	2000x1000x1400	2300x1000x1400	2900x1000x1400		
裝箱尺寸(長×寬×高)	Packing dimensions (L x W x H)	mm	1750x1000x1500	2000x1060x1500	2300x1060x1500	2900x1060x1500	1750x1000x1500	2000x1060x1500	2300x1060x1500	2900x1060x1500		
淨重(約)	Net weight(approximate)	kg	1300	1500	1600	1800	1500	1600	1700	1900		

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# Precision Lathe

Heavy duty,

## 460, 560 SERIES



### 規格 / SPECIFICATIONS:

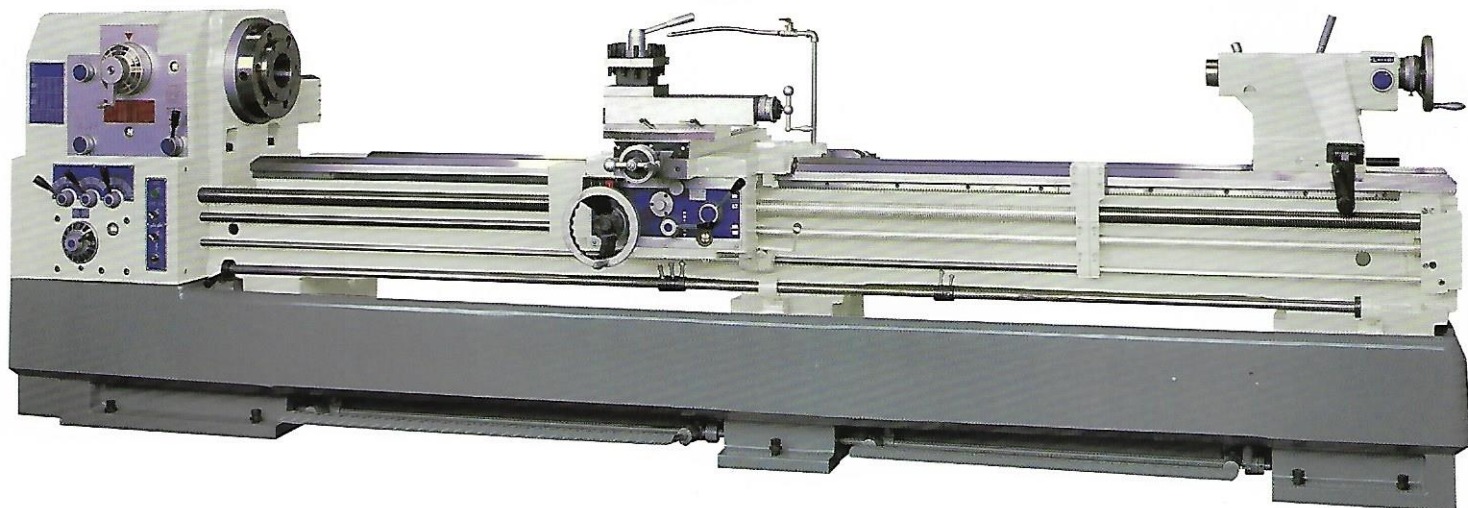
項目 ITEM			機型 MODEL			LA-460			LA-560		
			1100	1500	2000	1100	1500	2000			
<b>功能 / CAPACITY</b>											
床面寬度	Width of bed	mm	350 (13.77")								
車刀臺最大移動距離	Total travel of top slide	mm	135 (5.9")								
床面上最大工作物直徑	Swing over bed	mm	ø460 (18.11")						ø560 (32")		
鞍面上最大工作物直徑	Swing over cross slide	mm	ø280 (11")						ø390 (15.35")		
間隙上最大工作物直徑	Swing in gap	mm	ø620 (24.4")						ø730 (28.74")		
從面板算起之間隙長度	Gap width in front of face plate	mm	200 (7.87")								
床腳下面至中心線高度	Height of center from leg bottom	mm	1070 (42")						1125 (44")		
兩心間最大距離	Distance between centers	mm	1100 (44") / 1500 (59.05") / 2000 (78.74")								
<b>主軸箱 / HEADSTOCK</b>											
主軸速度變換數	Number of spindle speeds	段 / steps	12								
主軸孔徑	Spindle bore	mm	ø80(3.15")								
主軸鼻端	Type of spindle nose		A1-8 D1-8								
主軸孔及中心針之斜度	Taper of spindle bore & center	M.T.	MT. No. 7 x No. 5								
主軸迴轉數	Range of spindle speeds	R.P.M.	25, 35, 60, 80, 115, 165, 240, 350, 500, 730, 1050, 1540								
<b>螺紋和進給 / THREAD &amp; FEED</b>											
導蝨桿之直徑及螺距	Lead screw diameter and pitch	mm	ø35(1 1/8") · 螺距4牙/吋或6mm/牙 /35(1 3/8")4TPI or pitch 6mm								
英制	Range of inch threads		2-72 (44種) /2~72(44)changes								
公制	Range of metric threads		6mm 0.2~14(39種) /0.2~14(39)changes								
押送量變換數	Nubmer feeds	段 / steps	36								
押送範圍：縱	Range of longitudinal feeds	mm	0.03~0.85(0.0012"~0.034")								
橫	Range of cross feeds	mm	縱押送之2/3 2/3of longitudinal feeds								
<b>尾座 / TAILSTOCK</b>											
心軸直徑	Tailstock quill diameter	mm	ø70(2.76")								
尾座心軸行程	Total travel of tailstock quill	mm	175(7")								
中心孔斜度	Taper in tailstock quill	M.T.	M.T.No. 5								
<b>馬達 / MOTORS</b>											
主軸馬達	Spindle drive motor	HP	5 HP / 7.5HP (opt.)								
冷卻泵浦	Coolant pump motor	HP	1/8								
<b>機械體積及重量 / MACHINE DIMENSIONS AND WEIGHT</b>											
佔用空間(長×寬×高)	Space required (L x W x H)	mm	2500/3000/3500x1050x1450						2500/3000/3500x1100x1700		
裝箱尺寸(長×寬×高)	Packing dimensions (L x W x H)	mm	2500/3000/3500x1100x1550						2500/3000/3500x1100x1700		
淨重(約)	Net weight(approximate)	kg	1800/2000/2200						1900/2100/2300		

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# Precise, Reliable turning

## 560, 660, 760 SERIES



### 規格 / SPECIFICATIONS:

項目 ITEM		機型 MODEL	LA-560	LA-660	LA-760
			1500 · 2000 · 2500 · 3000 · 4000 · 5000 · 6000	1500 · 2000 · 2500 · 3000 · 4000 · 5000 · 6000	1500 · 2000 · 2500 · 3000 · 4000 · 5000 · 6000
功能 / CAPACITY					
床面寬度	Width of bed	mm	400 (15 3/4")		
車刀臺最大移動距離	Total travel of top slide	mm	190 (7 1/2")		
床面上最大工作物直徑	Swing over bed	mm	ø560 (22")	ø660 (26")	ø760 (30")
鞍面上最大工作物直徑	Swing over cross slide	mm	ø330 (13")	ø445 (17 1/2")	ø560 (22")
間隙上最大工作物直徑	Swing in gap	mm	ø785 (30 7/8")	ø900 (35 7/16")	ø1015 (39 7/8")
從面板算起之間隙長度	Gap width in front of face plate	mm	270 (10 5/8")		
床腳下面至中心線高度	Height of center from leg bottom	mm	1067.5 (42")	1125 (44 5/16")	1182.5 (46 1/2")
兩心間最大距離	Distance between centers	mm	1500 (59.05") / 2000 (78.74") / 2500 (98.43") / 3000 (118.11") / 4000 (157.48") / 5000 (196.85") / 6000 (236.22")		
主軸箱 / HEADSTOCK					
主軸速度變換數	Number of spindle speeds	段 / steps	12		
主軸孔徑	Spindle bore	mm	ø86 (3 3/8"), ø104 (4 1/16")		
主軸鼻端	Type of spindle nose		ASA-A1-8 (D1-8), *ASA-A1-11 (D1-11)		
主軸孔及中心針之斜度	Taper of spindle bore & center	M.T.	MT. No. 7 x No. 5		
主軸迴轉數	Range of spindle speeds	R.P.M.	13,20,30,47,70,105,150,230,340,530,800,1200*(8-800)		
螺紋和進給 / THREAD & FEED					
導蝨桿之直徑及螺距	Lead screw diameter and pitch	mm	ø45 (1 3/4") · 螺距4牙/吋或6mm, *2TPI / 45 (1 3/4") · 4TPI or pitch 6mm, *2TPI		
英制	Range of inch threads		4PTI: 2-72 (44種/change), 2PTI: 1-36 (44種/change)		
公制	Range of metric threads		6mm: 0.2~14 (39種/change)		
推送量變換數	Number feeds	段 / steps	36		
推送範圍: 縱	Range of longitudinal feeds	mm	INCH: 0.035~0.98 (0.0014"~0.039"), METRIC: 0.037~1.04 (0.0014"~0.041")		
橫	Range of cross feeds	mm	縱推送之1/2/1/2 of longitudinal feeds		
尾座 / TAILSTOCK					
心軸直徑	Tailstock quill diameter	mm	ø75 (2 15/16")		
尾座心軸行程	Total travel of tailstock quill	mm	178 (7") (MT*5)		
中心孔斜度	Taper in tailstock quill	M.T.	M.T.No. 5		
馬達 / MOTORS					
主軸馬達	Spindle drive motor	HP	10HP/4P		
冷卻泵浦	Coolant pump motor	HP	1/8		

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## 430, 530 SERIES

### 標準配件 / STANDARD ACCESSORIES

● 三爪夾頭9吋	3-jaw chuck 9"	1個 / pc
● 主軸套筒	Center sleeve M.T. No.6 x 4	1個 / pc
● 中心針	Dead center M.T. No.4	鎢鋼、中碳各1個 1 tungstein carbide steel, 1 medium carbon steel
● 水平調整螺絲	Levelling screws	1組 / set
● 調整工具	Service kits	1組 / set
● 馬達	Main motor 5HP(4P)	1個 / pc
● 固定中心架	Steady rest	1個 / pc
● 連結板	Drive plate	9" 1個 one of 9"
● 切削油裝置	Complete coolant equipment	1組 / set

### 選購配件 / OPTIONAL ACCESSORIES

● 移動中心架	Follow rest
● 面板	Fact plate (350mm)
● 四段微調定位器	4-position micro carriage stop
● 斜度車削裝置	Taper turning attachment
● 四爪夾頭	4-jaw independent chuck
● 工作燈	Work light
● 後刀架	Rear toolpost
● 大檔板	Splash guard

## 460, 560 SERIES

### 標準配件 / STANDARD ACCESSORIES

● 三爪夾頭10吋	3-jaw chuck 10"	1個 / pc
● 主軸套筒	Center sleeve M.T. No.6 x 4	1個 / pc
● 中心針	Dead center M.T. No.5	鎢鋼、中碳各1個 1 tungstein carbide steel, 1 medium carbon steel
● 水平調整螺絲	Levelling screws	1組 / set
● 調整工具	Service kits	1組 / set
● 馬達	Main motor 5HP(4P)	1個 / pc
● 固定中心架	Steady rest	1個 / pc
● 連結板	Drive plate	10" 1個 one of 10"
● 切削油裝置	Complete coolant equipment	1組 / set

### 選購配件 / OPTIONAL ACCESSORIES

● 移動中心架	Follow rest
● 面板	Fact plate (350mm)
● 四段微調定位器	4-position micro carriage stop
● 斜度車削裝置	Taper turning attachment
● 四爪夾頭	4-jaw independent chuck
● 工作燈	Work light
● 後刀架	Rear toolpost
● 大檔板	Splash guard

# 560, 660, 760 SERIES

## 標準配件 / STANDARD ACCESSORIES

- |           |                             |  |
|-----------|-----------------------------|--|
| ● 三爪夾頭10吋 | 3-jaw chuck 10"             | 1個 / pc  |
| ● 主軸套筒    | Center sleeve M.T. No.7 x 5 | 1個 / pc  |
| ● 中心針     | Dead center M.T. No.5       | 鎢鋼、中碳各1個<br>1 tungstein carbide steel, 1 medium carbon steel |
| ● 水平調整螺絲  | Levelling screws            | 1組 / set   |
| ● 調整工具    | Service kits                | 1組 / set   |
| ● 馬達      | Main motor 10HP             | 1個 / pc  |
| ● 固定中心架   | Steady rest                 | 1個 / pc  |
| ● 連結板     | Drive plate                 | 10" 1個 one of 10"  |
| ● 切削油裝置   | Complete coolant equipment  | 1組 / set   |

## 選購配件 / OPTIONAL ACCESSORIES

- |           |                                |
|-----------|--------------------------------|
| ● 移動中心架   | Follow rest                    |
| ● 面板      | Fact plate (350mm)             |
| ● 四段微調定位器 | 4-position micro carriage stop |
| ● 斜度車削裝置  | Taper turning attachment       |
| ● 四爪夾頭    | 4-jaw independent chuck        |
| ● 工作燈     | Work light                     |
| ● 後刀架     | Rear toolpost                  |
| ● 大檔板     | Splash guard                   |



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