

Product Brochure For L141

## Bench Lathe - AL-320G

Ø320 x 600mm Turning Capacity - Ø38mm Spindle Bore  
 12 Gear Head Speeds 0 to 1600 rpm and 4 Jaw Chuck

**On Sale**

<b>Ex GST</b>	<b>Inc GST</b>
<b>\$3,350.00</b>	<b>\$3,685.00</b>
<b>\$3,090.00</b>	<b>\$3,399.00</b>



ORDER CODE:	L141
MODEL:	AL-320G
Swing Over Bed (mm):	320
Distance Between Centres (mm):	600
Spindle Bore (mm):	38
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	210
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	~
Coolant System:	~
Tool Height To Suit (mm):	12
Centre Height (mm):	160
Spindle Nose Size or Type:	Fixed
Bed Width (mm):	160
Headstock Spindle Taper (MT):	5
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	150
Compound Slide Travel (mm):	100
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.022 - 0.15
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.1 - 1.4
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	11 (0.5 - 4)
Imperial Thread Steps & TPI (No. / TPI):	27 (9 - 48)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	12 (60 - 1600)
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	280



### Features

- Geared headstock for quick change of spindle speeds
- 38mm spindle bore
- Hardened and ground bed
- Adjustable taper roller spindle bearings
- Metric & imperial thread cutting
- Powered longitudinal and cross feed
- Head stock oil sight glass
- Thread chasing dial
- Quick action tailstock locking lever
- Forward/reverse spindle switch

### Includes

- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady

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- Travelling steady
- Change gears
- Dead centre
- Rear splash guard & swarf tray
- Spanners
- Safety chuck guard
- Instruction booklet

### Optional Accessories

- Lathe stand to suit (L142)

### Specific Features



Shown with Optional Stand



Safety Chuck Guard



3 Jaw Chuck



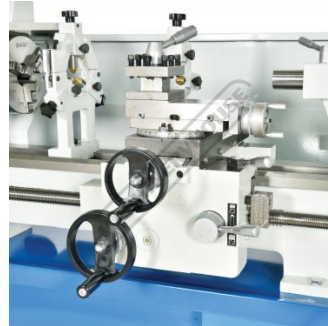
Controls



End View Head



Fixed and Travelling Steadies



Saddle



Toolpost



Compound Slide Angle Scale



Longitudinal and Cross Feed Engagement



Thread Chasing Dial



Screw Cutting Engagement Lever

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Compound Slide Hand Wheel



Compound Slide and Cross Feed Handle Wheel NEW



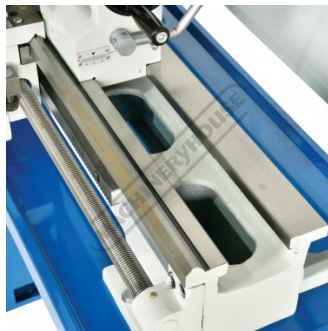
Tailstock



Tailstock Quill



End View Tailstock



Hardened and Ground Bed

**Recommended Accessories**

K007A

Bench Lathe, Stand & Tooling Package Deal



L142

Lathe Stand



D695

3-Axis Optimum Digital Readout Counter - 1µm



D694

1500mm Optimum Magnetic Digital Readout Scale



Product Brochure For L141

D5242  
 Scale - Backing Plate & Cover



P235  
 Coolant Pump & Tank



L292  
 Quick Change Toolpost



L277  
 Vertical Mill Slide



L015  
 Right Hand Turning Tool Holder



L016  
 Left Hand Turning Tool Holder



L0099  
 Lathe Turning Tool Kit - 7 piece  
 Insert Type



L450  
 Lathe Turning Tool Kit - 3 piece  
 Insert Type



L456  
 Lathe Threading Tool Kit - Insert  
 Type



L464  
 Professional Lathe Parting Tool  
 Kit - Insert Type



L073  
 Parting Tool Holder - Suits 1/2"  
 HSS Tool Bit



L076  
 Knurling Tool Holder Kit



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**C052**  
 3MT Live Centre



**C045**  
 3MT Pipe Centre - 70° Cone



**C290**  
 Heavy Duty Drill Chuck - Keyed Type



**D443A**  
 3MT x JT3 Drill Chuck Arbor



**D1272**  
 Metric 135° Precision HSS Drill Set - 25 Piece



**D1282**  
 Imperial 135° Precision HSS Drill Set - 29 Piece



**D126**  
 Metric 135° Precision HSS Drill Set - 170 Pieces



**S090A**  
 Soluble Metal Cutting Fluid - 1 Litre



**S090**  
 Soluble Metal Cutting Fluid - 5 Litre



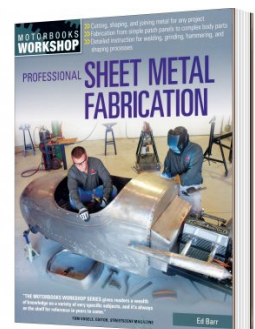
**G660**  
 Lathe Leadscrew Cover Kit



**G659**  
 Lathe Leadscrew Cover Kit - Concertina

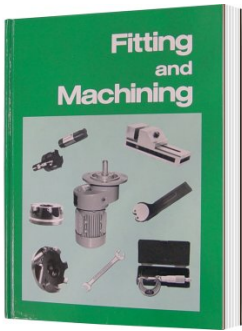


**L3455**  
 Professional Sheet Metal Fabrication Book



Product Brochure For L141

L341  
 Fitting and Machining Technical Book



L300  
 Magnetic Swarf Remover



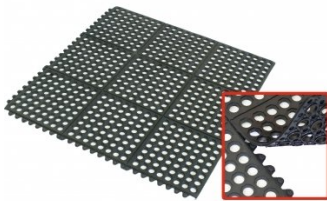
M9991  
 Magnetic Floor Sweeper



M800  
 Rubber Mat - Anti-Fatigue



M805  
 Rubber Mat - Anti-Fatigue



O000  
 SpillFix Universal Organic Absorbent



O043  
 Rust & Corrosion Preventive



O042  
 General Purpose Lubricant & Corrosion Inhibitor



O040  
 Rust & Corrosion Preventive



O044  
 Rust & Corrosion Preventive

