

## Product Brochure For L141

### Bench Lathe - AL-320G

Ø320 x 600mm Turning Capacity - Ø38mm Spindle Bore  
12 Gear Head Speeds 60 - 1600 rpm and 4 Jaw Chuck



**On Sale**

Ex GST	Inc GST
<b>\$4,088.00</b>	<b>\$4,701.20</b>
<b>\$3,300.00</b>	<b>\$3,795.00</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



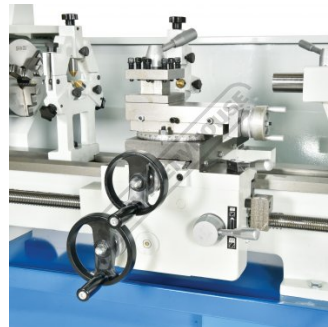
Controls



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

Product Brochure For L141



Compound Slide Hand Wheel



Compound Slide and Cross Feed Handle Wheel NEW



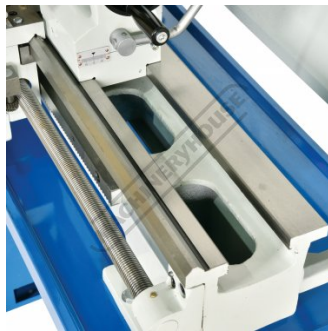
Tailstock



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

**D5204**  
Sino Digital Readout Lathe Mounting Bracket Kit



**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



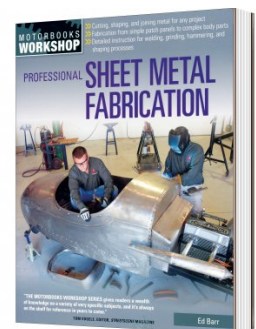
**G660**  
Lathe Leadscrew Cover Kit



**G659**  
Lathe Leadscrew Cover Kit - Concertina

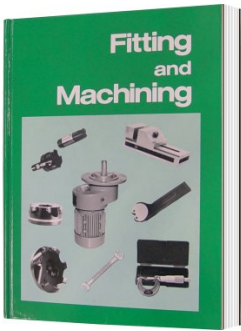


**L3455**  
Professional Sheet Metal Fabrication Book

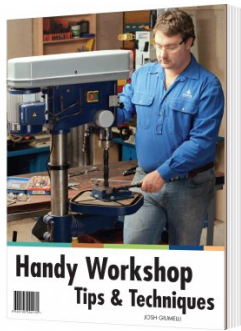


Product Brochure For L141

**L341**  
Fitting and Machining Technical Book



**L345**  
Handy Workshop Tips & Techniques - 1st Edition



**L300**  
Magnetic Swarf Remover



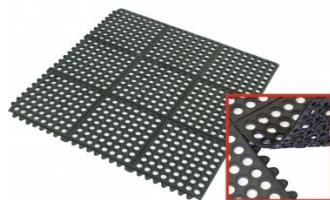
**M9991**  
Magnetic Floor Sweeper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



**O044**  
Rust & Corrosion Preventive

