

## Product Brochure For L149

### AL-250G - Bench Lathe

Ø250 x 500mm Turning Capacity - Ø26mm Spindle Bore  
12 Geared Head Speeds 80 ~ 1600rpm



**On Sale**

Ex GST	Inc GST
<del>\$2,968.00</del>	<del>\$3,413.20</del>
<b>\$2,669.57</b>	<b>\$3,070.00</b>

ORDER CODE:	L149
MODEL:	AL-250G
Swing Over Bed (mm):	250
Distance Between Centres (mm):	500
Spindle Bore (mm):	26
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	150
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	~
Tool Height To Suit (mm):	12
Centre Height (mm):	125
Spindle Nose Size or Type:	Fixed
Bed Width (mm):	140
Headstock Spindle Taper (MT):	4
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	145
Compound Slide Travel (mm):	75
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.017 - 0.187
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.035 - 0.375
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	15 (0.25 - 2.5)
Imperial Thread Steps & TPI (No. / TPI):	~
3 Jaw Chuck Diameter (mm):	130
4 Jaw Chuck Diameter (mm):	Optional
Spindle Steps / Speeds (No. / rpm):	12 (80 - 1600)
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	185

#### Features

- 12 spindle speed geared headstock incorporates a single progression dial
- 26mm spindle bore
- Hardened and ground bed
- Enclosed quick action gearbox for thread cutting & auto feeding
- Adjustable taper roller spindle bearings
- Metric thread cutting
- Powered longitudinal and cross feeds
- Headstock and gearbox oil sight glass
- Metric thread chasing dial
- Quick action tailstock locking lever
- Forward/reverse spindle switch
- 0.75kW / 1hp 240V motor

#### Includes

- 125mm 3-jaw chuck with reverse jaws
- Face plate

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- Fixed steady
- Travelling steady
- Dead centre
- Rear splash guard & swarf tray
- Safety chuck guard
- Leadscrew Cover
- Instruction booklet

### Specific Features



Shown With Optional Stand



Headstock Controls



Key Lockable Side Pulley Door



Saddle



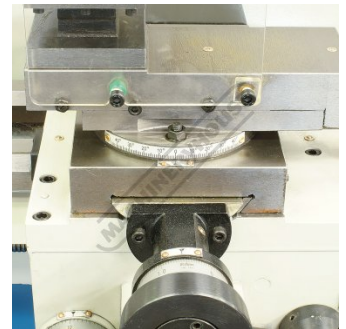
Compound Table with Safety Guard



Safety Chuck Guard With Micro



Toolpost



Swivel Compound Slide



Thread Chasing Dial



Feed and Thread Engagement Levers



Leadscrew Cover



Fixed 2 Point Steady

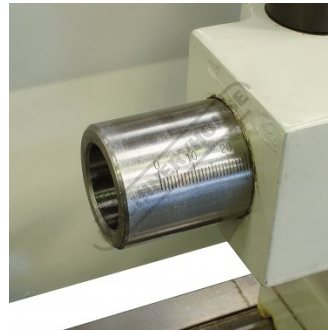
Product Brochure For L149



3 Point Travelling Steady



Tailstock



Tailstock Quill Graduations



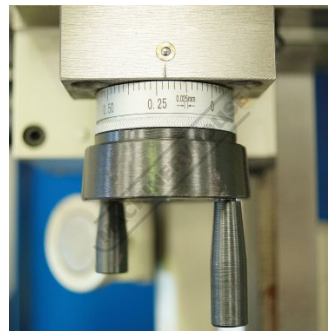
Tailstock Hand Wheel Graduations



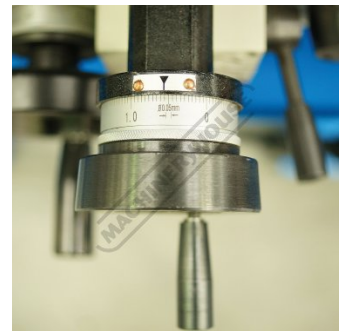
Tailstock Horizontal Adjustment



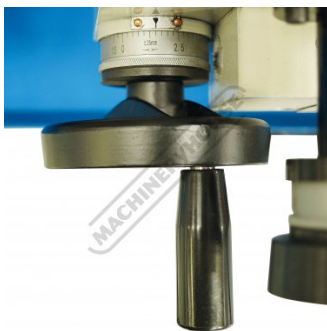
Hardened and Ground Bed



Compound Slide Graduations



Cross Feed Hand Wheel Graduations



Saddle Hand Wheel Graduations

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**Recommended Accessories**

L150  
Lathe Stand



D695  
3-Axis Optimum Digital Readout Counter - 1µm



L151  
4 Jaw Independent Lathe Chuck with Adaptor Plate



D694  
1500mm Optimum Magnetic Digital Readout Scale



D5222  
570mm Sino Digital Readout Scale



D5242  
Scale - Backing Plate & Cover



D5204  
Sino Digital Readout Lathe Mounting Bracket Kit



P235  
Coolant Pump & Tank



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L276  
Mini Vertical Mill Slide



L277  
Vertical Mill Slide



L291  
Quick Change Toolpost



L292  
Quick Change Toolpost



L280  
Quick Change Toolpost



L0077  
Lathe Turning Tool Kit - 7 piece  
Insert Type



L017  
Right Hand Turning Tool Holder



L018  
Left Hand Turning Tool Holder



L044  
Right Hand Turning Tool Holder



L045  
Left Hand Turning Tool Holder



L451  
Lathe Turning Tool Kit - 3 piece  
Insert Type



L457  
Lathe Threading Tool Kit - Insert  
Type



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**L0110**  
Parting Kit 16mm



**L465**  
Professional Lathe Parting Tool Kit - Insert Type



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



**L076**  
Knurling Tool Holder Kit



**C052**  
3MT Live Centre



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



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



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



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



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



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



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



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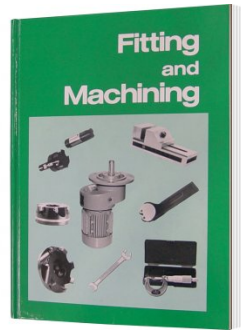
**S076**  
Cutting Tool Lubricant Fluid - 500ml



**S074**  
Cutting Tool Lubricant Paste - 500g



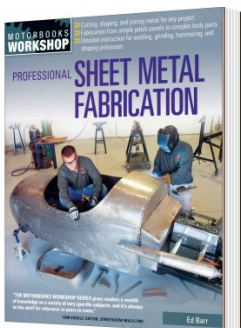
**L341**  
Fitting and Machining Technical Book



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



**L3455**  
Professional Sheet Metal Fabrication Book



**L300**  
Magnetic Swarf Remover



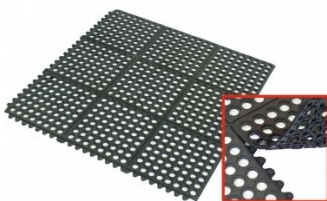
**M9991**  
Magnetic Floor Sweeper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive - Penetrant & Lubrication



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



**O044**  
Rust & Corrosion Preventive - Penetrant & Lubrication

