

## Product Brochure For L149

### Bench Lathe - AL-250G

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



**On Sale**

Ex GST	Inc GST
<b>\$3,160.00</b>	<b>\$3,634.00</b>
<b>\$2,500.00</b>	<b>\$2,875.00</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

Product Brochure For L149

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

**Specific Features**



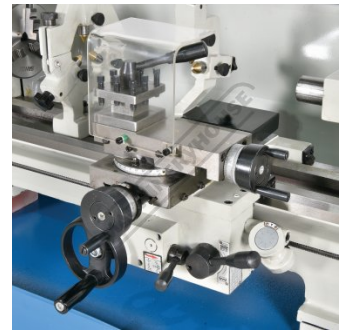
Shown With Optional Stand



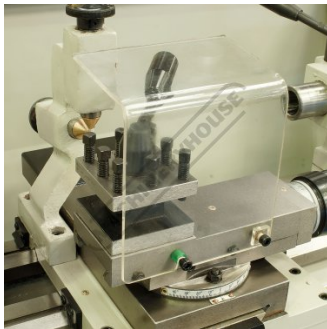
Headstock Controls



Key Lockable Side Pulley Door



Saddle



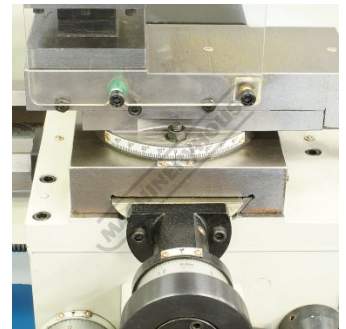
Compound Table with Safety Guard



Safety Chuck Guard With Micro



Toolpost



Swivel Compound Slide



Thread Chasing Dial



Feed and Thread Engagement Levers



Leadscrew Cover



Fixed 2 Point Steady

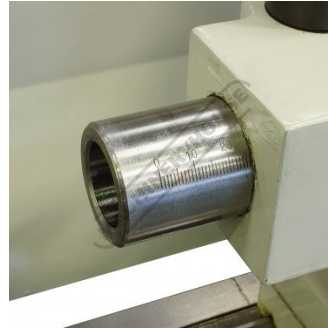
Product Brochure For L149



3 Point Travelling Steady



Tailstock



Tailstock Quill Graduations



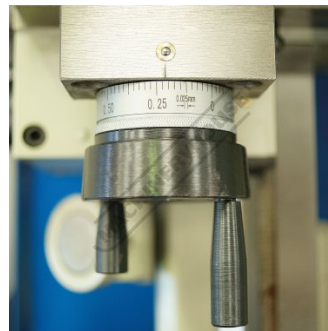
Tailstock Hand Wheel Graduations



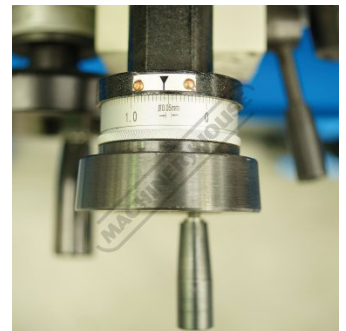
Tailstock Horizontal Adjustment



Hardened and Ground Bed



Compound Slide Graduations



Cross Feed Hand Wheel Graduations



Saddle Hand Wheel Graduations

Product Brochure For L149

**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



D5204  
Sino Digital Readout Lathe Mounting Bracket Kit



P235  
Coolant Pump & Tank



L276  
Mini Vertical Mill Slide



L277  
Vertical Mill Slide



Product Brochure For L149

**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



**L0110**  
Parting Kit 16mm



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



Product Brochure For L149

**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 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



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



**S077**  
Drilling, Tapping & Cutting Tool  
Lubricant Spray - 400g

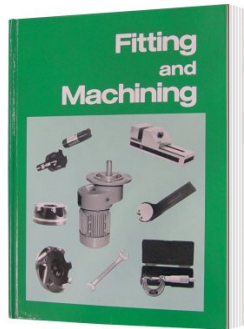


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S074  
Cutting Tool Lubricant Paste - 500g



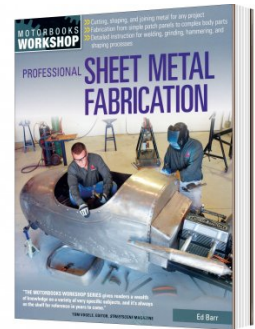
L341  
Fitting and Machining Technical Book



L345  
Handy Workshop Tips & Techniques - 1st Edition



L3455  
Professional Sheet Metal Fabrication Book



L300  
Magnetic Swarf Remover



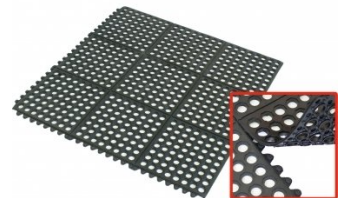
M9991  
Magnetic Floor Sweeper



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

