

## Product Brochure For L149

### Bench Lathe - AL-250G

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



**Ex GST**  
**\$3,160.00**

**Inc GST**  
**\$3,634.00**

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
- Fixed steady
- Travelling steady
- Dead centre
- Rear splash guard & swarf tray

Product Brochure For L149

- Safety chuck guard
- Leadscrew Cover
- Instruction booklet

Specific Features



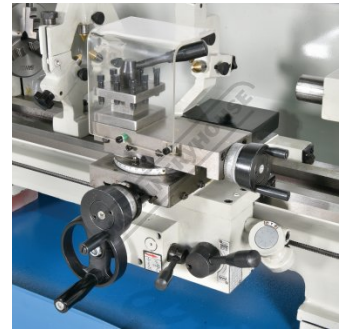
Shown With Optional Stand



Headstock Controls



Key Lockable Side Pulley Door



Saddle



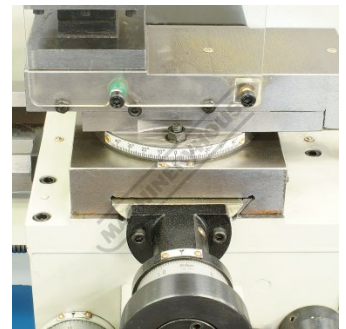
Compound Table with Safety Guard



Safety Chuck Guard With Micro



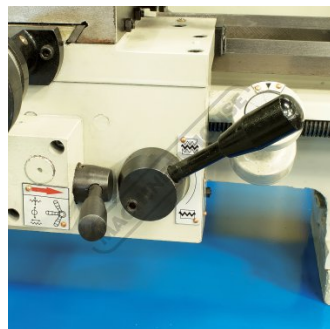
Toolpost



Swivel Compound Slide



Thread Chasing Dial



Feed and Thread Engagement Levers



Leadscrew Cover



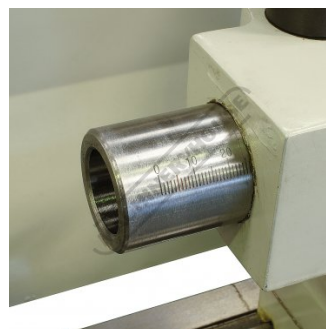
Fixed 2 Point Steady



3 Point Travelling Steady



Tailstock



Tailstock Quill Graduations



Tailstock Hand Wheel Graduations

Product Brochure For L149



Tailstock Horizontal Adjustment



Hardened and Ground Bed



Compound Slide Graduations



Cross Feed Hand Wheel Graduations



Saddle Hand Wheel Graduations

**Recommended Accessories**

**L150**  
Lathe Stand



**D695**  
3-Axis Optimum Digital Readout Counter - 1 μm



**L151**  
4 Jaw Independent Lathe Chuck with Adaptor Plate



**D694**  
1500mm Optimum Magnetic Digital Readout Scale



Product Brochure For L149

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



**P235**  
Coolant Pump & Tank



**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



Product Brochure For L149

**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



**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



Product Brochure For L149

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



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



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



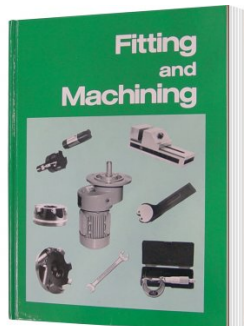
**S077**  
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



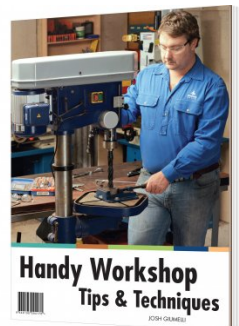
**S074**  
Cutting Tool Lubricant Paste - 500g



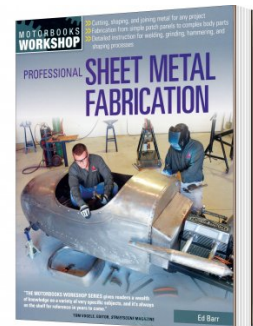
**L341**  
Fitting and Machining Technical Book



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



**L3455**  
Professional Sheet Metal Fabrication Book



**L300**  
Magnetic Swarf Remover



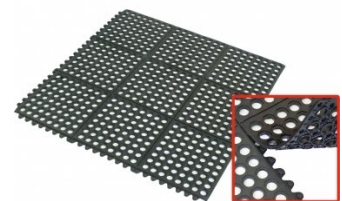
**M9991**  
Magnetic Floor Sweeper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



Product Brochure For L149

---

O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

