

Product Brochure For L160

## Bench Lathe - AL-51G

Ø230 x 500mm Turning Capacity - Ø20mm Spindle Bore  
 6 Speeds 100 ~ 1800rpm



**On Sale**

Ex GST	Inc GST
<b>\$1,750.00</b>	<b>\$1,925.00</b>
<b>\$1,540.00</b>	<b>\$1,694.00</b>

ORDER CODE:	L160
MODEL:	AL-51G
Swing Over Bed (mm):	230
Distance Between Centres (mm):	500
Spindle Bore (mm):	20
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	127
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):	115
Spindle Nose Size or Type:	Threaded
Bed Width (mm):	114
Headstock Spindle Taper (MT):	3
Tailstock Taper (MT):	2
Cross Slide Travel (mm):	108
Compound Slide Travel (mm):	48
Leadscrew Type:	Imperial
Metric Cross Feed (X-Axis) (mm/rev):	~
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	~
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	0.12 - 0.3
Metric Thread Steps & Pitch (No. / mm):	11 (0.5 - 3)
Imperial Thread Steps & TPI (No. / TPI):	27 (8 - 56)
3 Jaw Chuck Diameter (mm):	100
4 Jaw Chuck Diameter (mm):	190
Spindle Steps / Speeds (No. / rpm):	6 (100 - 1800)
Motor Power (kW / hp):	0.55 / 0.75
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	129

### Description

AL-51G has a quick-change gearbox for easy thread cutting operations  
 Can also cut 9.5 and 11.5 threads per inch

### Features

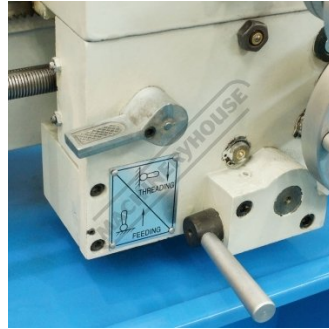
- Perfect for the hobby machinist or auto electrician
- Precision 'V'-beds are hardened and ground, encompassed on strong cast-iron rib webbing, with dovetail cross and compound slides
- Includes a full set of change gears for metric and imperial thread cutting
- Saddle handwheel mounted on right side of apron reducing swarf contacting the hand
- Induction hardened "V" beds
- Norton style quick change gearbox
- Adjustable ball bearings spindle support
- 4 x direct oiling points into gearbox
- T slotted cross slide
- Auto longitudinal feed
- Clear perspex chuck guard



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Compound Scale



Threading and Feeding Levers



Thread Chasing Dial



Cross Dial



Saddle Handle Wheel



Compound Dial



Compound Slide



Tailstock



Tailstock Quill



Tailstock Hand Wheel

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**Recommended Accessories**

L263  
Lathe Stand



T773  
Industrial Mobile Tooling Cabinet Workstation



D695  
3-Axis Optimum Digital Readout Counter - 1µm



D694  
1500mm Optimum Magnetic Digital Readout Scale



P235  
Coolant Pump & Tank



L276  
Mini Vertical Mill Slide



L280  
Quick Change Toolpost



L0099  
Lathe Turning Tool Kit - 7 piece Insert Type



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**L450**  
 Lathe Turning Tool Kit - 3 piece  
 Insert Type



**L456**  
 Lathe Threading Tool Kit - Insert  
 Type



**L464**  
 Professional Lathe Parting Tool  
 Kit - Insert Type



**L015**  
 Right Hand Turning Tool Holder



**L016**  
 Left Hand Turning Tool Holder



**L021**  
 Right Hand Boring Bar



**C050**  
 2MT Live Centre



**C289**  
 Heavy Duty Drill Chuck - Keyed  
 Type



**D442**  
 2MT x JT6 Drill Chuck Arbor



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



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



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



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S090

Soluble Metal Cutting Fluid - 5 Litre



S076

Cutting Tool Lubricant Fluid - 500ml



S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



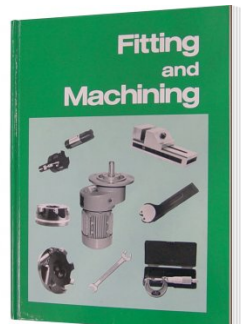
D126

Metric 135° Precision HSS Drill Set - 170 Pieces



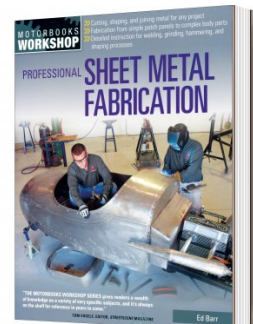
L341

Fitting and Machining Technical Book



L3455

Professional Sheet Metal Fabrication Book



L300

Magnetic Swarf Remover



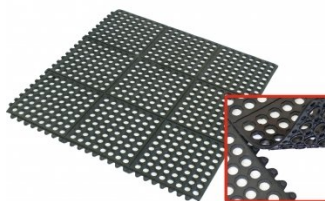
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



M9991

Magnetic Floor Sweeper



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**O000**  
 SpillFix Universal Organic  
 Absorbent



**O043**  
 Rust & Corrosion Preventive



**O042**  
 General Purpose Lubricant &  
 Corrosion Inhibitor



**O040**  
 Rust & Corrosion Preventive



**O044**  
 Rust & Corrosion Preventive

