

## 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>\$2,136.00</b>	<b>\$2,456.40</b>
<b>\$1,700.00</b>	<b>\$1,955.00</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

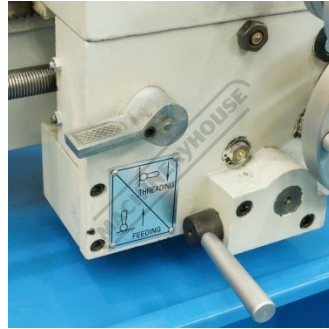
- Perfect for the hobby machinist or auto electrician
- Precision 'V'-beds are hardened and ground, encompassed on strong cast-iron rib webbing, with dovetail cross and compound slides
- Includes a full set of change gears for metric and imperial thread cutting
- Saddle handwheel mounted on right side 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



Product Brochure For L160



Compound Scale



Threading and Feeding Levers



Thread Chasing Dial



Cross Dial



Saddle Handle Wheel



Compound Dial



Compound Slide



Tailstock



Tailstock Quil



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  
Kit



**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



S074

Cutting Tool Lubricant Paste - 500g



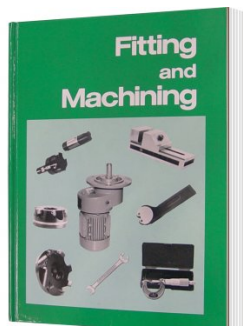
D126

Metric 135° Precision HSS Drill Set - 170 Pieces



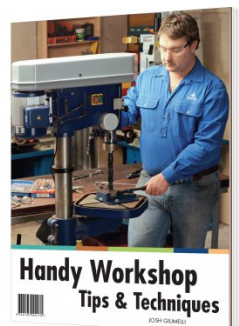
L341

Fitting and Machining Technical Book



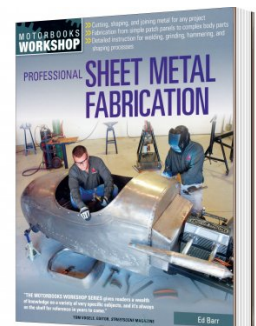
L345

Handy Workshop Tips & Techniques - 1st Edition



L3455

Professional Sheet Metal Fabrication Book



L300

Magnetic Swarf Remover



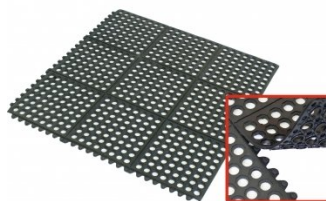
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



M9991

Magnetic Floor Sweeper



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O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

