

# SHAW MACHINERY

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## L160 Bench Lathe AL-51G



**Code:** L160  
**Model:** AL-51G  
**Capacity:** 230 x 500mm  
**Weight (Nett):** 136  
**Dimensions:** 105 x 56 x 49

### Description

AL-51G has a quick-change gearbox for easy thread cutting operations  
Can also cut 9-1/2 and 11-1/2 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
- 6 spindle speeds from 100-1800rpm
- Metric dial calibrations

### Includes

- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Face plate
- Fixed and traveling steadies
- Change gears
- Dead centre
- Thread chasing dial

**TOOLS 4 INDUSTRY**

- Safety chuck guard
- Spanners, tool box, & instruction booklet

## Specifications

<b>CODE</b>	L160	<b>Tailstock Taper</b>	2MT
<b>Model</b>	AL-51G	<b>Cross Slide Travel</b>	108mm
<b>Digital Readout System Fitted</b>	Optional	<b>Compound Slide Travel</b>	48mm
<b>Quick Change Toolpost Fitted</b>	Optional	<b>Leadscrew</b>	Imperial
<b>Leadscrew Covers Fitted</b>	~	<b>Cross Feed Range (X-Axis)</b>	~
<b>Taper Turning Attachment</b>	~	<b>Longitudinal Feed Range (Z-Axis)</b>	0.12 - 0.3mm/rev
<b>Coolant System</b>	~	<b>Metric Thread Steps &amp; Pitch Range</b>	11 (0.5 - 3mm)
<b>Tool Height To Suit</b>	10mm	<b>Imperial Thread Steps &amp; TPI Range</b>	27 (8 - 56tpi)
<b>Distance Between Centres</b>	500mm	<b>3 Jaw Chuck Diameter</b>	100mm
<b>Swing Over Bed</b>	230mm	<b>4 Jaw Chuck Diameter</b>	190mm
<b>Swing Over Cross-slide</b>	127mm	<b>Spindle Steps / Speed Range</b>	6 (100 - 1800rpm)
<b>Swing In Gap</b>	~	<b>Motor Power</b>	0.55kW / 0.75hp
<b>Centre Height</b>	115mm	<b>Voltage</b>	240V
<b>Spindle Bore</b>	20mm	<b>Weight (nett)</b>	136kg
<b>Spindle Nose Size or Type</b>	Threaded		
<b>Bed Width</b>	114mm		
<b>Headstock Spindle Taper</b>	3MT		