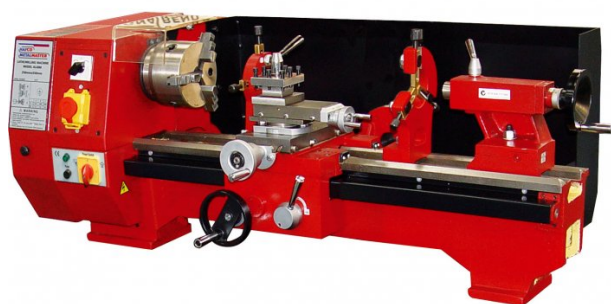


## Product Brochure For L148

### Bench Lathe - AL-60 (SIEG C6)

250 x 550mm Turning Capacity

Includes Fixed & Travelling Steadies



ORDER CODE:	L148
MODEL:	AL-60
Swing Over Bed (mm):	250
Distance Between Centres (mm):	550
Spindle Bore (mm):	20
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:	American Taper
Bed Width (mm):	135
Headstock Spindle Taper (MT):	3
Tailstock Taper (MT):	2
Cross Slide Travel (mm):	105
Compound Slide Travel (mm):	75
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):	0.1 - 0.2
Metric Thread Steps & Pitch (No. / mm):	11 (0.4 - 3)
Imperial Thread Steps & TPI (No. / TPI):	27 (10 - 44)
3 Jaw Chuck Diameter (mm):	125
4 Jaw Chuck Diameter (mm):	Optional
Spindle Steps / Speeds (No. / rpm):	6 (125 - 2000)
Motor Power (kW / hp):	0.55 / 0.75
Voltage / Amperage (V / amp):	240
Nett Weight (kg):	170

### Description

A compact lathe of very modern design with many convenient facilities, ideal for the enthusiastic model engineer or with limited space in the work shop. A very rigid cast iron bed with ground slide-ways gives a high level of precision.

Featuring as standard a longitudinal power feed, quick lock tailstock and both metric and imperial thread cutting capability. There are many additional options available including a milling head to turn this machine into a very capable small all round machine. This machine is suitable for bench mounting, but recommended the addition of the optional stand with swarf tray. We are sure this machine will please the model engineer.

### Features

- Ideal for small workshops
- Precision ground 'V' bed
- M-section Vee belt drive
- 550W induction motor with reversing switch
- Powered longitudinal feed and thread cutting capabilities
- Sheet metal leadscrew cover
- Hinged belt cover with safety micro switch
- Chuck guard with safety micro switch
- Ball bearing oiling points
- Easy access fuse cover
- Adjustable cross and compound slide gib keys
- Includes rear splash tray

## Product Brochure For L148

- Accepts HM-10A milling head attachment

### Includes

- 125mm 3-jaw chuck
- Face plate
- Fixed & travelling steadies
- Safety chuck guard with micro switch
- 2 x dead centres
- Set of change gears, metric and imperial thread cutting
- Instruction booklet

### Optional Accessories

- 4 Jaw taper mount lathe chucks (L144)
- Stand to suit (L143)
- Mill attachment to suit (M151)
- Lathe and mill package (K160)

### Specific Features

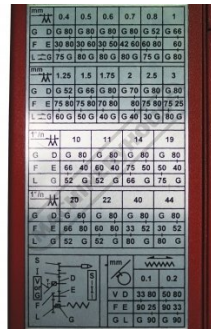


Stand Sold Separately

old



Switch



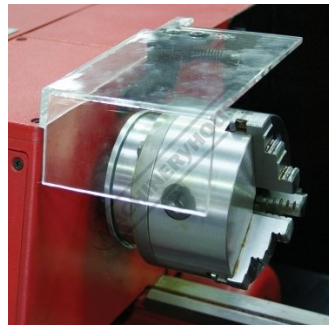
Thread Chart



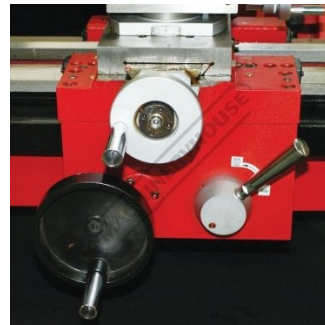
Speed Chart



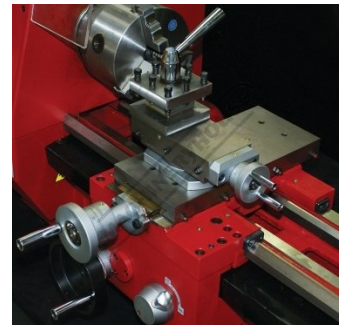
Forward Reverse Switch



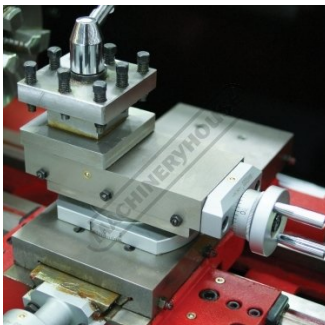
Chuck Guard



Saddle Controls



Saddle



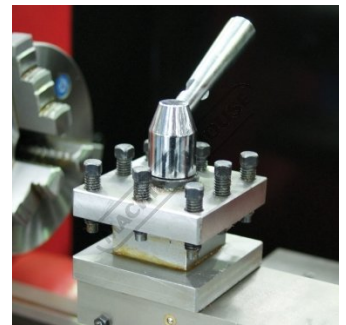
Compound Slide



Compound Slide Handle



Crossslide Handle

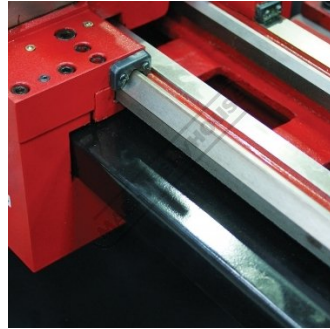


Toolpost

Product Brochure For L148



Leadscrew Hand Wheel



Leadscrew Covers



Tailstock

**Recommended Accessories**

D695

3-Axis Optimum Digital Readout Counter - 1µm

D694

1500mm Optimum Magnetic Digital Readout Scale

L0099

Lathe Turning Tool Kit - 7 piece Insert Type

L0098

Carbide Inserts - General Purpose



L450

Lathe Turning Tool Kit - 3 piece Insert Type

L456

Lathe Threading Tool Kit - Insert Type

L464

Professional Lathe Parting Tool Kit - Insert Type

L074

Parting Tool Holder - Suits 1/2" HSS Tool Bit



Product Brochure For L148

**L0007**  
Part Off Blade - High Speed  
Steel Bit



**L079**  
Knurling Tool Holder



**L276**  
Mini Vertical Mill Slide



**L280**  
Quick Change Toolpost



**L280A**  
Quick Change Toolpost Holder -  
Std



**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



**P235**  
Coolant Pump & Tank



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



Product Brochure For L148

S090

Soluble Metal Cutting Fluid - 5 Litre



S076

Cutting Tool Lubricant Fluid - 500ml



S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



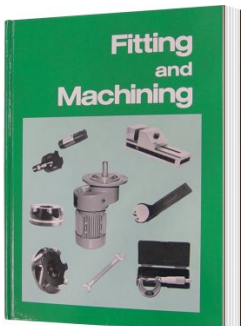
S074

Cutting Tool Lubricant Paste - 500g



L341

Fitting and Machining Technical Book



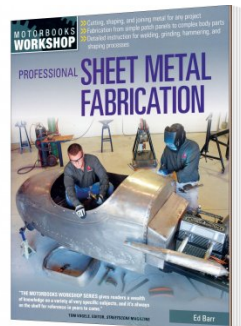
L345

Handy Workshop Tips & Techniques - 1st Edition



L3455

Professional Sheet Metal Fabrication Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



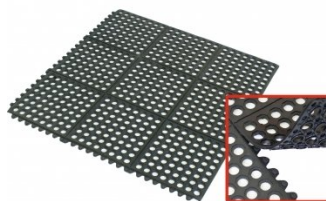
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O043

Rust & Corrosion Preventive



Product Brochure For L148

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O042

General Purpose Lubricant &  
Corrosion Inhibitor



O044

Rust & Corrosion Preventive

