Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

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

Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

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



old



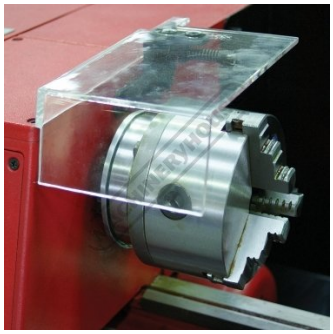
Switch

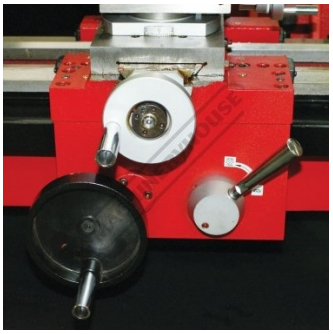

Thread Chart

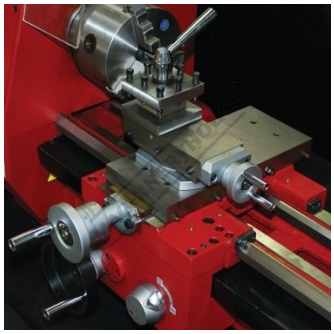


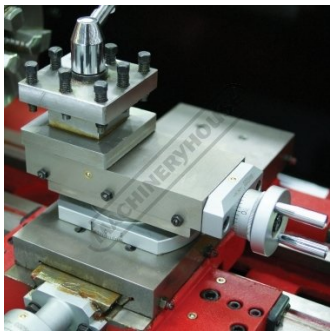
Speed Chart

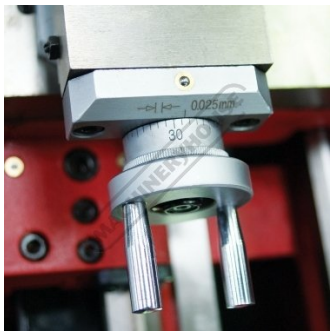

Forward Reverse Switch


Chuck Guard

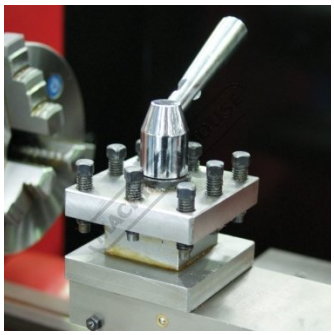

Saddle Controls


Saddle


Compound Slide


Compound Slide Handle


Crosslide Handle

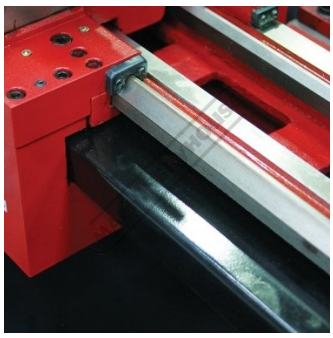

Toolpost

Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

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



Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

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 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



P235
Coolant Pump & Tank



S090A
Soluble Metal Cutting Fluid - 1 Litre



Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For L148

S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



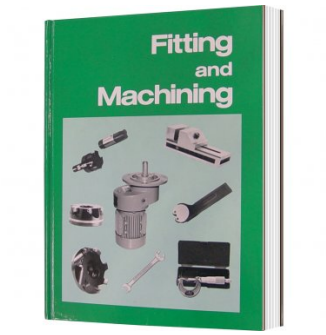
S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



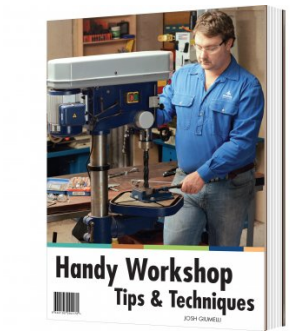
S074
Cutting Tool Lubricant Paste - 500g



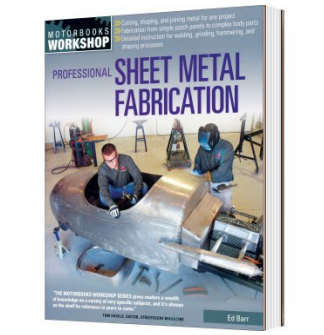
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



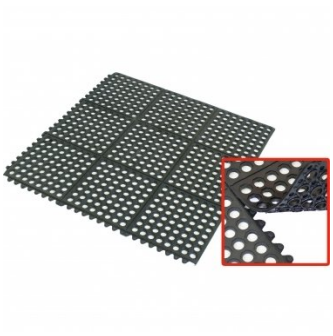
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For L148

O042

General Purpose Lubricant & Corrosion Inhibitor



O044

Rust & Corrosion Preventive

