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

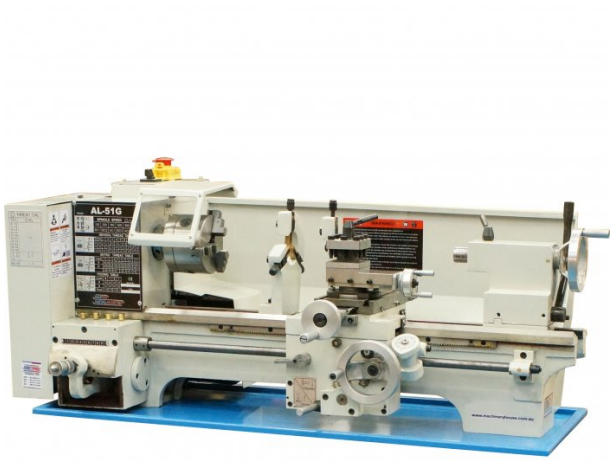
sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For L160

Bench Lathe - AL-51G

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

Ex GST	Inc GST
$2,136.00	$2,456.40



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
- 6 spindle speeds from 100-1800rpm
- Metric dial calibrations

Includes

3-jaw chuck with reverse jaws

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

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

Product Brochure For L160

- 4-jaw chuck
- Face plate
- Fixed and traveling steadies
- Change gears
- Dead centre
- Thread chasing dial
- Swarf tray
- Safety chuck guard
- Spanners, tool box, & instruction booklet

Optional Accessories

- Stand to suit (L263)

Specific Features

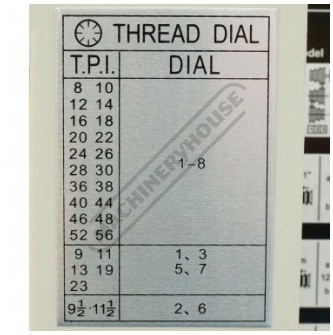


Shown With Optional Stand


Safety Chuck Guard


Switches


Belt Tension Lever



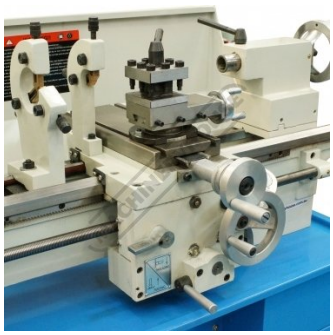
Thread Dial Chart



Speed and Thread Charts


Norton Style Gear Box


Steadies


Saddle Left View


Saddle Front View

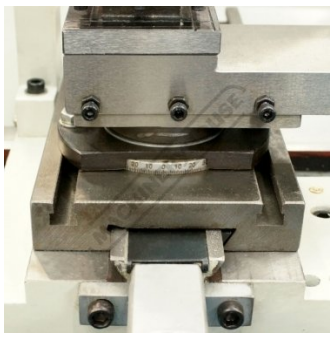

Saddle Right View

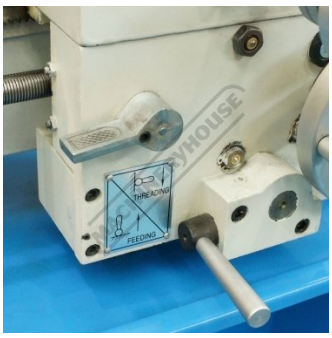

Tool Post

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

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

Product Brochure For L160


Compound Scale



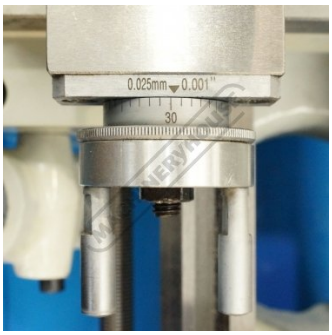
Threading and Feeding Levers


Thread Chasing Dial



Cross Dial


Saddle Handle Wheel



Compound Dial


Compound Slide


Tailstock



Tailstock Quil


Tailstock Hand Wheel

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

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

Product Brochure For L160

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



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

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

Product Brochure For L160

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 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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



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 L160

S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



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



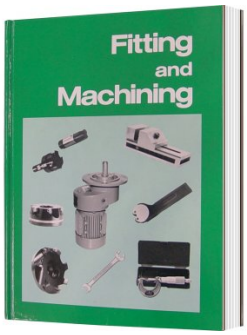
S074
Cutting Tool Lubricant Paste - 500g



D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



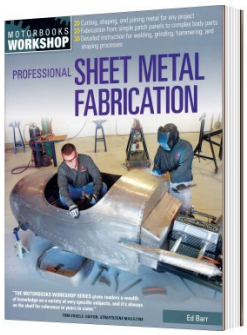
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



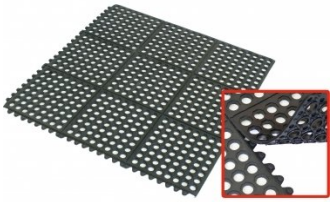
L300
Magnetic Swarf Remover



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



M9991
Magnetic Floor Sweeper



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

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

Product Brochure For L160

O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

