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

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

Product Brochure For L569D

Centre Lathe - AL-410

Ø400 x 1000mm Turning Capacity - Ø52mm Spindle Bore
Includes Digital Readout System & Quick Change Toolpost

Ex GST	Inc GST
$11,530.00	$13,259.50



ORDER CODE:	L569D
MODEL:	AL-410
Swing Over Bed (mm):	400
Distance Between Centres (mm):	1000
Spindle Bore (mm):	52
Swing In Gap (mm):	520
Swing Over Cross-slide (mm):	250
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	16
Centre Height (mm):	200
Spindle Nose Size or Type:	D1-5 Camlock
Bed Width (mm):	218
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	250
Compound Slide Travel (mm):	80
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.011 - 0.276
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.052 - 1.291
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	32 (0.4 - 7)
Imperial Thread Steps & TPI (No. / TPI):	36 (4 - 60)
3 Jaw Chuck Diameter (mm):	200
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	18 (65 - 2000)
Motor Power (kW / hp):	2.4 / 3.2
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	850

Features

- 2 Axis digital readout system
- Quick change toolpost with 5 holders
- Concertina leadscrew cover
- Gear drive headstock for quick change of spindle speeds
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Low voltage work light
- Foot operated spindle brake with safety cut out switch
- Slide out front swarf tray for easy cleaning
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- Inching button is incorporated on the control panel for convenient spindle speed selection
- Enclosed quick action gearbox for thread cutting and auto feeding
- Powered longitudinal and cross feeds
- D1-5 camlock spindle for quick chuck changes and safe reverse-direction turning. ISO standard
- Removable gap bed-way for larger diameter jobs
- Dual calibrated dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches
- Coolant system with flexible hose
- Slide out swarf tray

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

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

Product Brochure For L569D

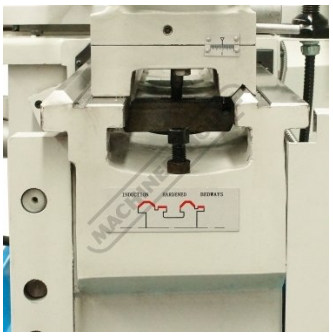
Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- Slide out front swarf tray
- Quick change tool-post with 5 holders
- 200mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres
- Thread-chasing dial
- Work light
- Stand
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

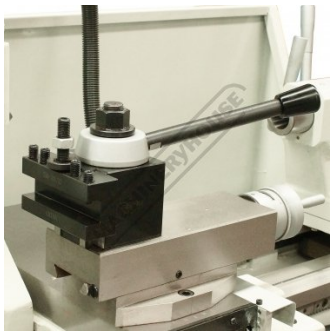
Specific Features


2 Axis Digital Readout


Three Tool Draws


Induction Hardened Bedways

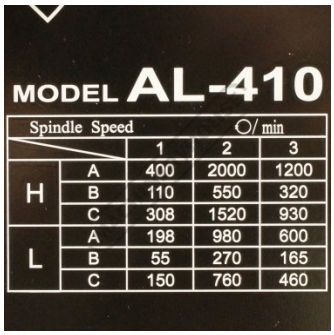

Safety Chuck Guard


Quick Change Toolpost


Leadscrew Covers



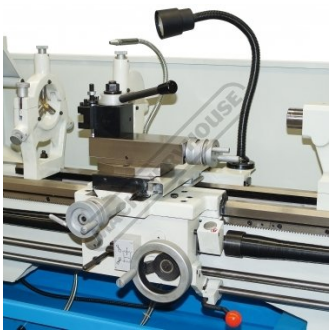
Spindle Speed Levers


MODEL AL-410

Spindle Speed		1	2	3
H	A	400	2000	1200
	B	110	550	320
	C	308	1520	930
L	A	198	980	600
	B	55	270	165
	C	150	760	460

Spindle Speed Chart


Feed and Thread Gearbox


Saddle Right View


Saddle Stop

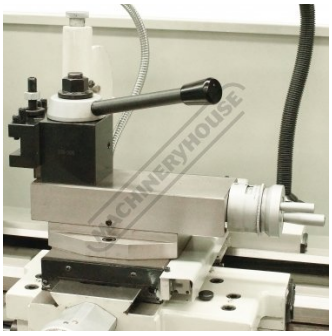

Coolant Hose and Worklight

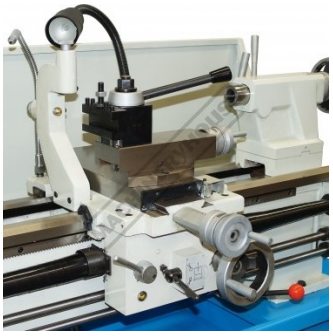
Auckland: (09) 2717 234
Christchurch: (03) 741 6241

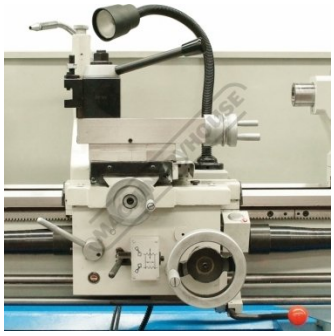
sales@machineryhouse.co.nz
www.machineryhouse.co.nz

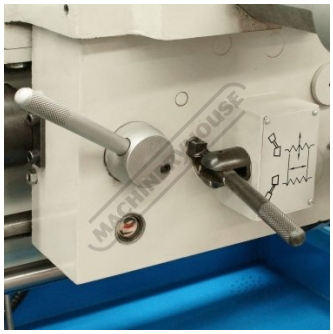
Product Brochure For L569D


Coolant Pump

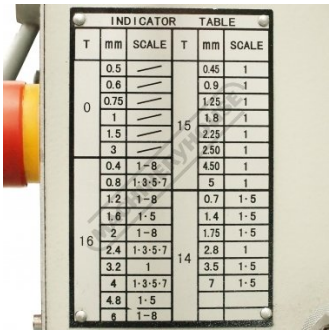

Compound Slide


Saddle Left View

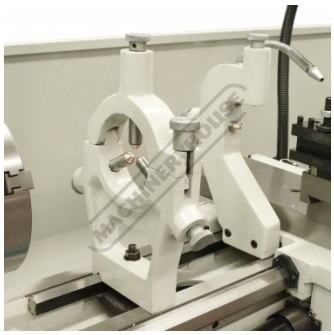

Saddle Front View

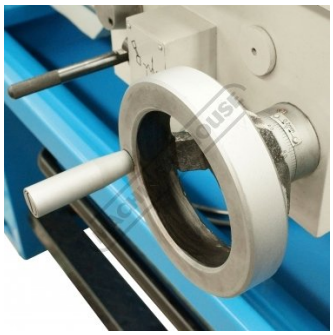

Feed and Thread Engagement Levers


Thread Chasing Dial



Indicator Table


Fixed & Travelling Steadies


Saddle Hand Wheel


Saddle Hand Wheel Graduation


Spindle Engagement Lever



Crosslide Hand Wheel



Compound Slide Hand Wheel


Swivel Compound Slide


Tailstock

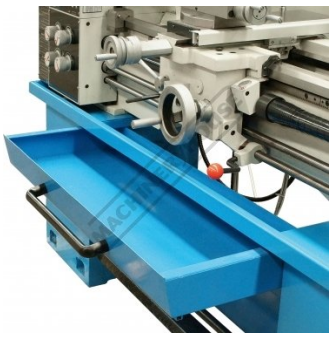

Tailstock Quill

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

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

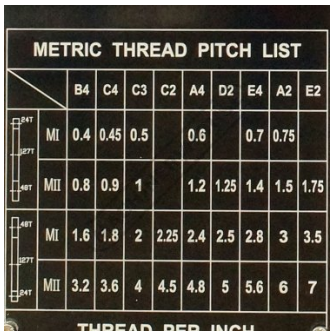
Product Brochure For L569D


Tailstock Hand Wheel

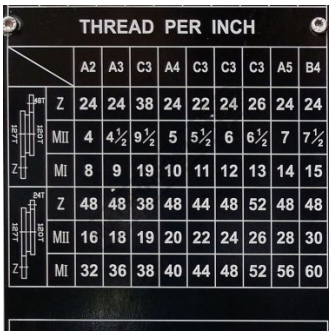

Slide Out Drip Tray


Foot Brake

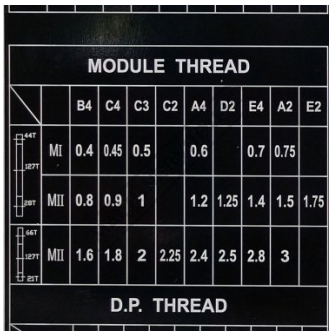

Feed Charts



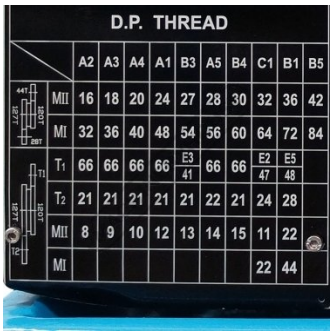
Metric Thread Pitch Chart



Imperial Thread Chart



Module Thread Chart



DP Thread Chart

Recommended Accessories

L277
Vertical Mill Slide



L017
Right Hand Turning Tool Holder



L018
Left Hand Turning Tool Holder



L044
Right Hand Turning Tool Holder



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

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

Product Brochure For L569D

L045
Left Hand Turning Tool Holder



L0077
Lathe Turning Tool Kit - 7 piece Insert Type



L451
Lathe Turning Tool Kit - 3 piece Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



L457
Lathe Threading Tool Kit - Insert Type



L076
Knurling Tool Holder Kit



C054
4MT Live Centre



C046
4MT Pipe Centre - 70º Cone



C290
Heavy Duty Drill Chuck - Keyed Type



C294
Industrial Drill Chuck - Keyless Type



D454A
4MT x JT3 Drill Chuck Arbor



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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

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

Product Brochure For L569D

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



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



S090A
Soluble Metal Cutting Fluid - 1 Litre



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



S091
Soluble Metal Cutting Fluid - 20 Litre



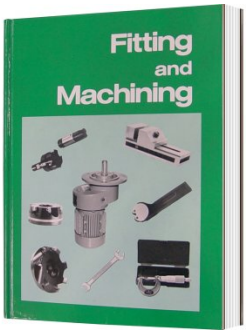
G659
Lathe Leadscrew Cover Kit - Concertina



G660
Lathe Leadscrew Cover Kit



L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition

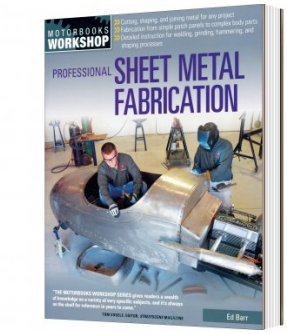


Auckland: (09) 2717 234
Christchurch: (03) 741 6241

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

Product Brochure For L569D

L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



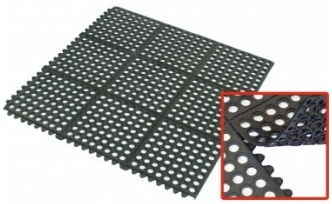
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

