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Product Brochure For L201

Centre Lathe - AL-1324

Ø330 x 600mm Turning Capacity - Ø40mm Spindle Bore



ORDER CODE:	L201
MODEL:	AL-1324
Swing Over Bed (mm):	330
Distance Between Centres (mm):	600
Spindle Bore (mm):	40
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	200
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	Optional
Coolant System:	Yes
Tool Height To Suit (mm):	16
Centre Height (mm):	165
Spindle Nose Size or Type:	D1-4 Camlock
Bed Width (mm):	190
Headstock Spindle Taper (MT):	5
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	175
Compound Slide Travel (mm):	100
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.034 - 0.468
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.068 - 0.936
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	30(0.4 - 7.0)
Imperial Thread Steps & TPI (No. / TPI):	32(4 - 56)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	18 (50 - 2000)
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	580

Description

Manufactured in Taiwan

Features

- Tool room quality precision lathe, Made in Taiwan and have been sold for over 20 years
- Gear drive headstock for quick change of spindle speeds
- Nachi Japanese made bearings supporting headstock spindle
- Stand increasing rigidity and reducing vibration
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Foot operated spindle brake with safety cut out switch
- Slide out front swarf tray for easy cleaning
- Chuck guard fitted fitted with micro switch
- Leadscrew cover ensures swarf not reaching clasp nut
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- Overload clutch mechanism on auto power feed
- Overload protection on drive motor and coolant system
- 3HP/415V motor, 18-speed (50 - 2000rpm)
- Enclosed quick action gearbox for thread cutting and auto feeding
- Powered longitudinal and cross feeds
- D1-4 camlock spindle for quick chuck changes and safe reverse-direction turning. ISO standard

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- Dual calibrated dials
- Coolant system with flexible hose
- Slide out swarf tray

Includes

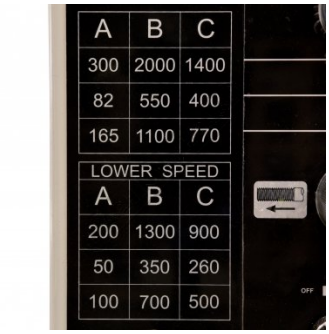
- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling steady
- Chuck guard
- Concertina leadscrew covers
- Slide out front swarf tray
- Dead centre
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Instruction booklet

Specific Features


Left View

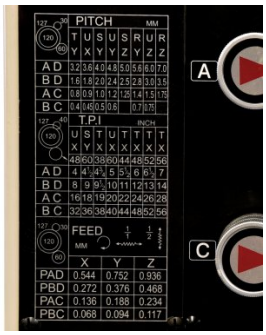

Headstock


Spindle Speed Levers



Spindle Speed Chart


Enclosed Quick Change Gearbox



Thread-Feed Chart



Low-High Switch


Chuck Guard with Safety Micro


Safety Chuck Guard Up


Foot Brake


Sliding Drip Tray for Swarf Removal

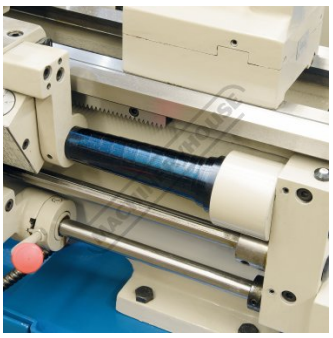

3 Jaw Chuck

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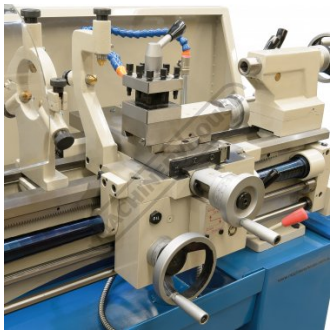
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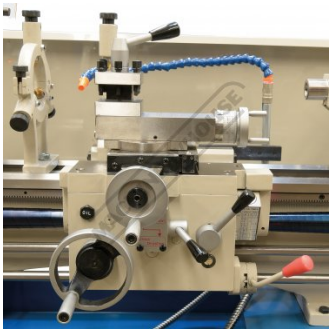

Fixed and Travelling Steadies

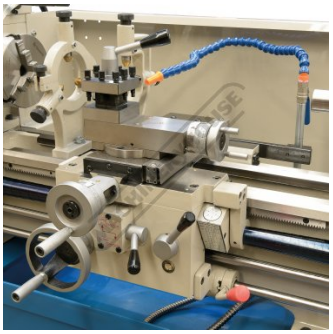

Leadscrew Cover Front

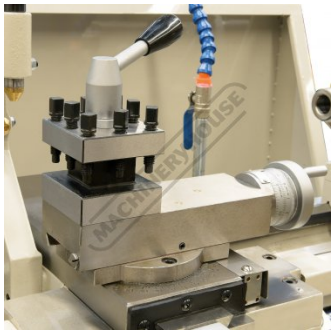

Leadscrew Cover Rear


Flexible Coolant Hose


Saddle Left View


Saddle Front View


Saddle Right View


4-Way Toolpost



Thread Chasing Dial

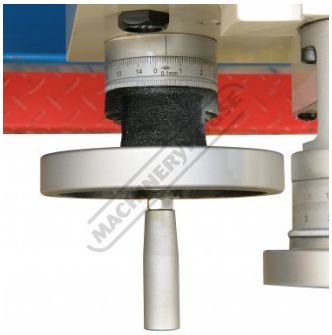

Foward Reverse Spindle Lever

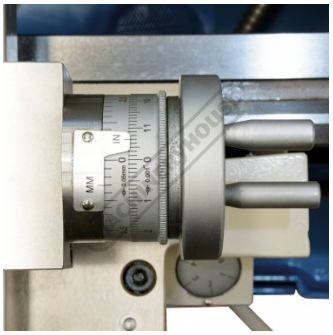


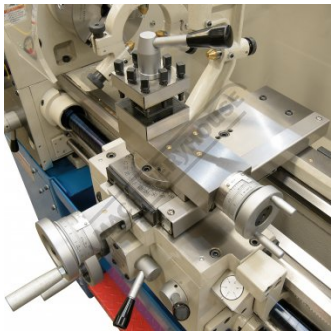
Feed Levers


Swivel Compound Slide


Cross Slide Hand Wheel


Saddle Hand Wheel

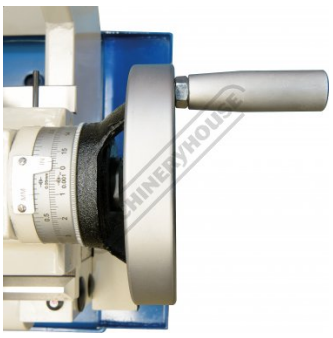

Compound Slide Hand Wheel


Compound Slide

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Tailstock

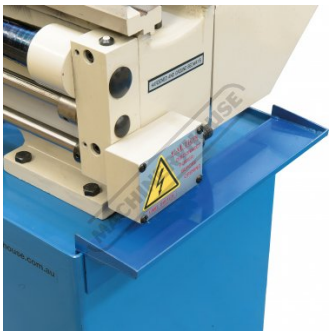

Tailstock Hand Wheel


Tailstock Quill Graduations


Tailstock Horizontal Adjustment



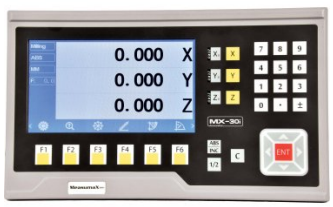
Hardened and Ground Bedways


Bed Drip tray


Toolbox

Recommended Accessories

Q8500
3-Axis Digital Readout



Q8512
220mm Digital Readout Scale



Q8530
620mm Digital Readout Scale



L258
Taper Turning Attachment



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Product Brochure For L201

L277
Vertical Mill Slide



C980
5C Collet Lathe Adaptor



L295
Quick Change Toolpost



L017
Right Hand Turning Tool Holder



L018
Left Hand Turning Tool Holder



L044
Right Hand Turning Tool Holder



L045
Left Hand Turning Tool Holder



L0077
Lathe Turning Tool Kit - 7 piece Insert Type



L451
Lathe Turning Tool Kit - 3 piece Insert Type



L457
Lathe Threading Tool Kit - Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



C052
3MT Live Centre



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Product Brochure For L201

C045
3MT Pipe Centre - 70º Cone



L076
Knurling Tool Holder Kit



C290
Heavy Duty Drill Chuck - Keyed Type



C294
Industrial Drill Chuck - Keyless Type



D443A
3MT x JT3 Drill Chuck Arbor



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



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



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



S075
Cutting Tool Lubricant Paste - 200g



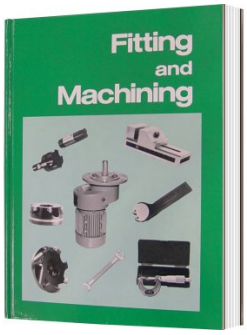
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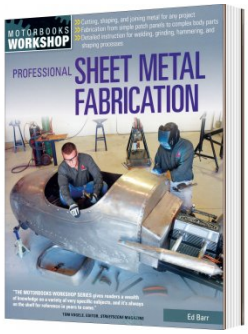
S074
Cutting Tool Lubricant Paste - 500g



L341
Fitting and Machining Technical Book



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



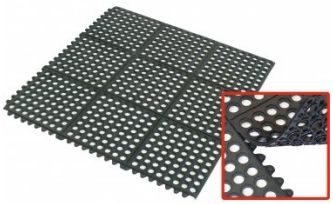
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

