

## Product Brochure For L242D

### AL-1000D - Centre Lathe

Ø356 x 1000mm Turning Capacity - Ø40mm Spindle Bore  
 Includes Digital Readout System



**Back In Stock Soon**

**Ex GST**

**Inc GST**

**\$11,790.00    \$12,969.00**

ORDER CODE:	L242D
MODEL:	AL-1000D
Swing Over Bed (mm):	356
Distance Between Centres (mm):	1000
Spindle Bore (mm):	40
Swing In Gap (mm):	516
Swing Over Cross-slide (mm):	225
Digital Readout System Fitted:	Yes
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):	178
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):	700

### Description

Manufactured in Taiwan

Tool room quality precision lathe and have been sold for over 20 years

### Features

- 2 axis digital readout system
- Gear drive headstock for quick change of spindle speeds
- 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
- 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)

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- 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
- D1-4 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)
- Coolant system with flexible hose
- Slide out swarf tray

### Includes

- 2 axis digital readout system
- Concertina leadscrew cover
- Slide out front swarf tray
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres
- Thread-chasing dial
- Safety chuck guard
- Stand
- Foot brake
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

### Specific Features



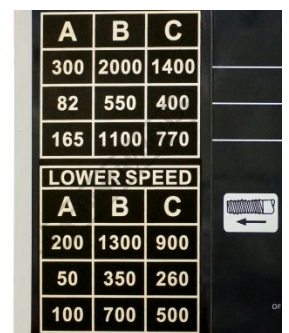
2 Axis Digital Readout



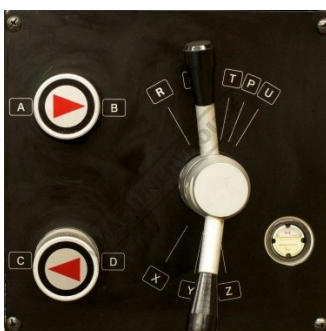
Headstock Controls



Control Panel



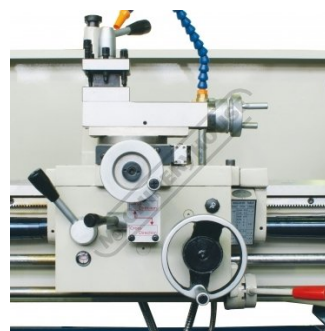
Speed Chart



Feeds & Threads Gearbox Controls



Thread Charts



Saddle Controls

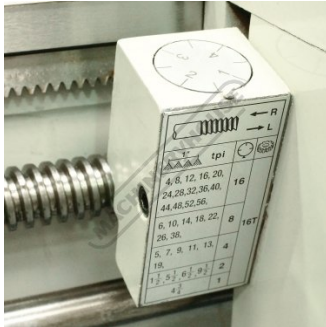


Saddle Right View



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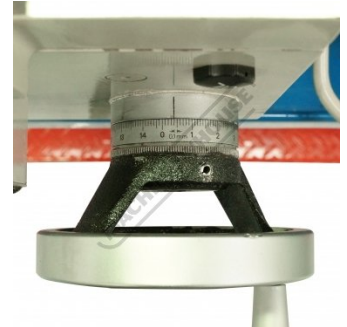
Thread Chasing Dial



Thread Engagement Levers



Spindle Engagement Lever



Saddle Hand Wheel



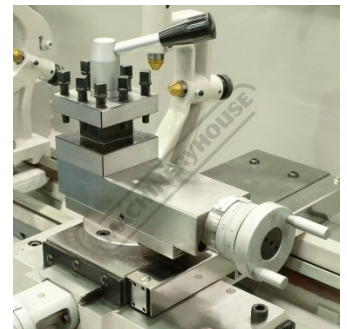
3 Point Fixed Steady



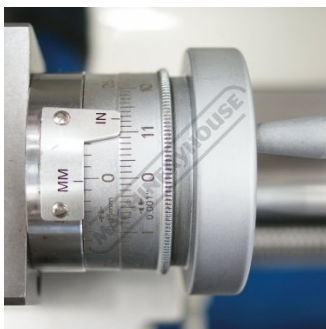
2 Point Travelling Steady



Swivel Compound with Scale



Compound Slide with 4-Way Toolpost



Compound Dial



Cross Slide Dial



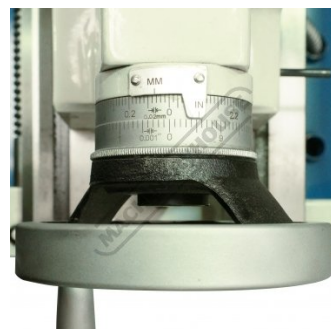
Flexible Coolant Hose



Safety Chuck Guard



Tailstock



Tailstock Hand Wheel



Tailstock Offset Adjustment



Hardened & Ground Bedways

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Slide Out Swarf Tray



Foot Brake

Recommended Accessories

M002

Steel Machine Mount & Rubber Insert



L258

Taper Turning Attachment



C980

5C Collet Lathe Adaptor



L277

Vertical Mill Slide



L295

Quick Change Toolpost



L017

Right Hand Turning Tool Holder



L018

Left Hand Turning Tool Holder



L044

Right Hand Turning Tool Holder





Product Brochure For L242D

**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



**C052**  
3MT Live Centre



**C045**  
3MT Pipe Centre - 70° Cone



**C290**  
Heavy Duty Drill Chuck - Keyed Type



**C294**  
Industrial Drill Chuck - Keyless Type



**D443A**  
3MT x JT3 Drill Chuck Arbor



**D1272**  
Metric Precision HSS Drill Set - 25 Piece



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D1282

Imperial Precision HSS Drill Set - 29 Piece



D126

Metric Precision HSS 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



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



S091

Soluble Metal Cutting Fluid - 20 Litre



G660

Lathe Leadscrew Cover Kit



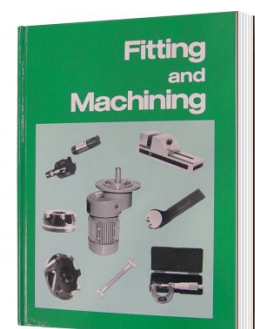
G659

Lathe Leadscrew Cover Kit - Concertina



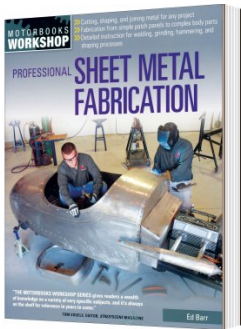
L341

Fitting and Machining Technical Book



Product Brochure For L242D

**L3455**  
Professional Sheet Metal Fabrication Book



**L300**  
Magnetic Swarf Remover



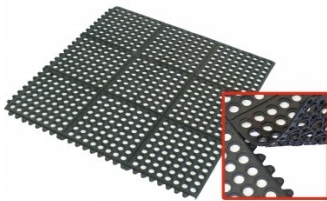
**M9991**  
Magnetic Floor Sweeper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O000**  
SpillFix Universal Organic Absorbent



**O000A**  
Natural Zeolite Absorbent



**O043**  
Rust & Corrosion Preventive - Penetrant & Lubrication



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



**O040**  
Rust & Corrosion Preventive - Penetrant & Lubrication



**O044**  
Rust & Corrosion Preventive - Penetrant & Lubrication

