

Product Brochure For L244D

Centre Lathe - AL-1440D

360 x 1000mm Turning Capacity - 40mm Bore
 Includes Digital Readout System



ORDER CODE:	L244D
MODEL:	AL-1440D
Swing Over Bed (mm):	356
Distance Between Centres (mm):	1000
Spindle Bore (mm):	40
Swing In Gap (mm):	516
Swing Over Cross-slide (mm):	224
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):	0.033 - 0.468
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.066 - 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):	720

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
- 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)
- 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

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Includes

- 2 Axis Digital Readout System
- 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
- Halogen light
- Drive Plate
- Instruction booklet

Specific Features



Digital Readout



Safety Chuck Guard



Leadscrew Covers



Headstock Controls



Speed Levers and Charts



Feed Levers and Charts



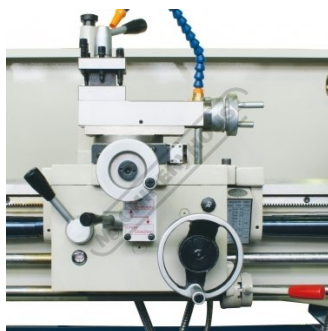
Chuck



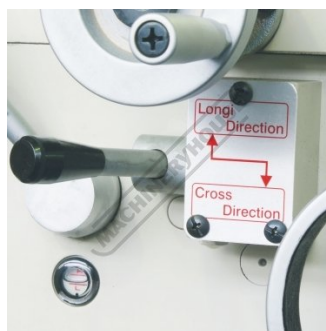
Hi Low Switch



Saddle



Saddle Controls



Feed Handle



2 Point Steady

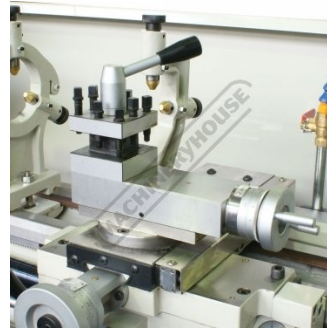
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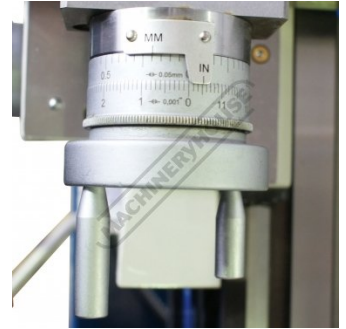
3 Point Steady



Coolant System



Compound Slide



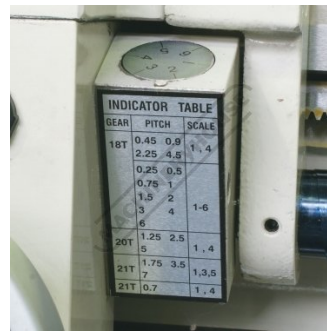
Compound Slide Hand Wheel



Cross Slide Hand Wheel



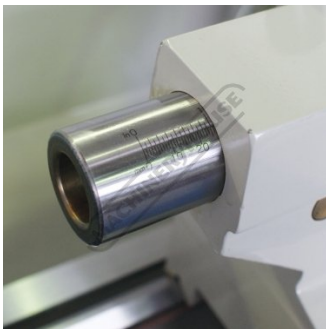
Saddle Hand Wheel



Thread Chasing Dial



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Pull Out Swarf Tray



Foot Brake



Hardened and Ground Bedways



Emergency Stop

Product Brochure For L244D

Recommended Accessories

M002

Steel Machine Mount & Rubber Insert



L258

Taper Turning Attachment



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



C052

3MT Live Centre



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



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L465

Professional Lathe Parting Tool
Kit - Insert Type



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



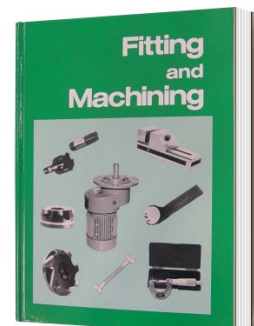
S074

Cutting Tool Lubricant Paste -
500g



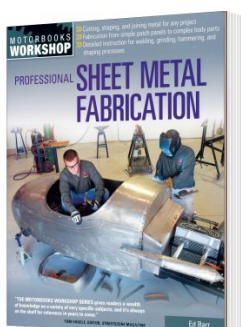
L341

Fitting and Machining Technical
Book



L3455

Professional Sheet Metal
Fabrication Book



L295

Quick Change Toolpost



L295A

Quick Change Toolpost Holder -
Std



L277

Vertical Mill Slide



Product Brochure For L244D

D126

Metric 135° Precision HSS Drill Set - 170 Pieces



D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



C980

5C Collet Lathe Adaptor



L076

Knurling Tool Holder Kit



C294

Industrial Drill Chuck - Keyless Type



D443A

3MT x JT3 Drill Chuck Arbor



D719

150mm Easson Digital Readout Scale



D734

900mm Easson Digital Readout Scale



M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue

