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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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Product Brochure For L244D

Includes

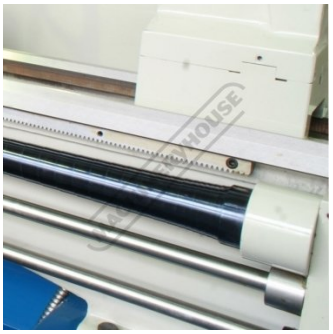
- 2 Axis Digital Readout System
- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling steady
- Chuck guard
- Concertina leadscrew covers
- Slide out front swarf tray
- Dead centre
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Halogen light
-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

Specific Features

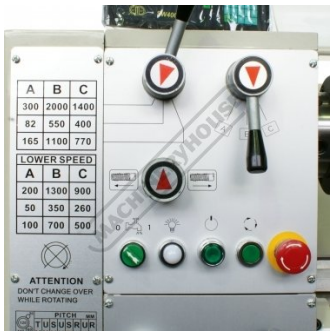


Digital Readout


Safety Chuck Guard


Leadscrew Covers


Headstock Controls



Speed Levers and Charts

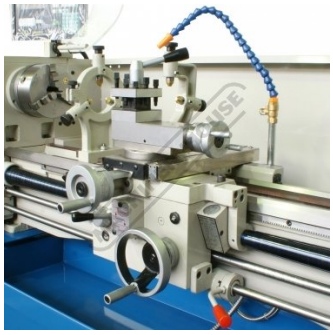


Feed Levers and Charts

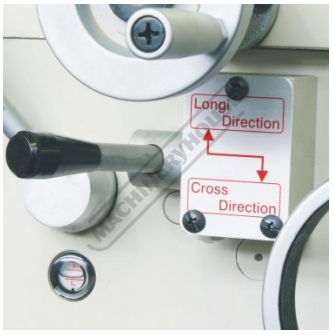

Chuck



Hi Low Switch


Saddle


Saddle Controls



Feed Handle

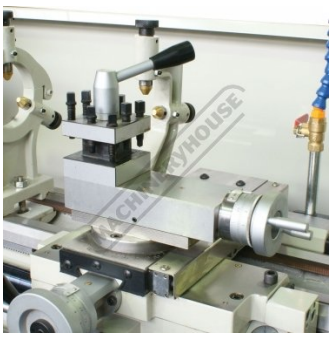

2 Point Steady

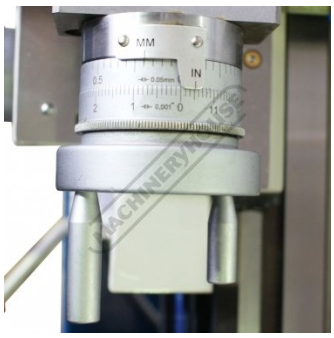
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Product Brochure For L244D


3 Point Steady


Coolant System


Compound Slide


Compound Slide Hand Wheel

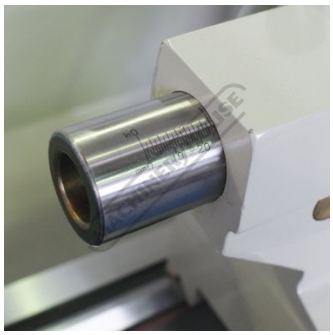

Cross Slide Hand Wheel


Saddle Hand Wheel



Thread Chasing Dial


Tailstock


Tailstock Quill


Tailstock Hand Wheel


Pull Out Swarf Tray


Foot Brake



Hardened and Ground Bedways



Emergency Stop

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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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Product Brochure For L244D

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



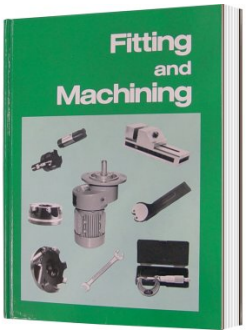
S075
Cutting Tool Lubricant Paste - 200g



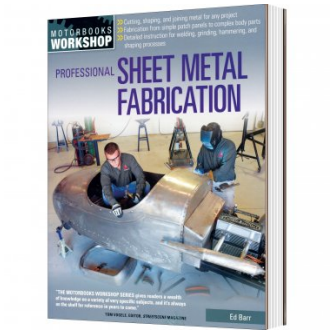
S074
Cutting Tool Lubricant Paste - 500g



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



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Product Brochure For L244D

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



D1282
Imperial 135º Precision HSS M35 COBALT 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

