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Product Brochure For L179D

# Centre Lathe - AL-340D

356 x 1000mm Turning Capacity - 39mm Bore
Includes Digital Readout System & Quick Change Toolpost



| | |
|---|---|
| ORDER CODE: | L179D |
| MODEL: | AL-340D |
| Swing Over Bed (mm): | 356 |
| Distance Between Centres (mm): | 1000 |
| Spindle Bore (mm): | 39 |
| Swing In Gap (mm): | 515 |
| Swing Over Cross-slide (mm): | 220 |
| 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): | 178 |
| Spindle Nose Size or Type: | D1-4 Camlock |
| Bed Width (mm): | 187 |
| Headstock Spindle Taper (MT): | 5 |
| Tailstock Taper (MT): | 3 |
| Cross Slide Travel (mm): | 160 |
| Compound Slide Travel (mm): | 68 |
| Leadscrew Type: | Metric |
| Metric Cross Feed (X-Axis) (mm/rev): | 0.018-0.583 |
| Imperial Cross Feed (X-Axis) (inch/rev): | ~ |
| Metric Longitudinal Feed (Z-Axis) (mm/rev): | 0.082-2.711 |
| Imperial Longitudinal Feed (Z-Axis) (inch/rev): | ~ |
| Metric Thread Steps & Pitch (No. / mm): | 32 (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): | 8 (70-2000) |
| Motor Power (kW / hp): | 1.5 / 2 |
| Voltage / Amperage (V / amp): | 240 / 10 |
| Nett Weight (kg): | 650 |

## Features

- 2 Axis digital readout system
- Quick change tool-post with 4 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
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- Micro-adjustable length-stop on bed-way for accurate repetitive operation
- 2HP/240V motor 8-speed (70-2000rpm)
- 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 feed dials
- Chuck & change gear guards are fitted with micro switches
- Coolant system with flexible hose
- Slide out swarf tray

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# Product Brochure For L179D

## Includes

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

## Specific Features


Safety Chuck Guard



Headstock

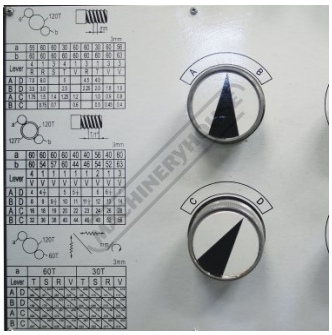


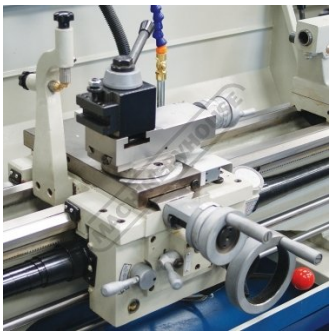
Headstock Controls

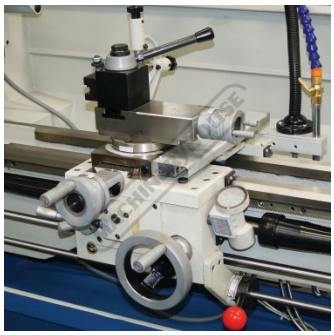


Spindle Speed Selectors

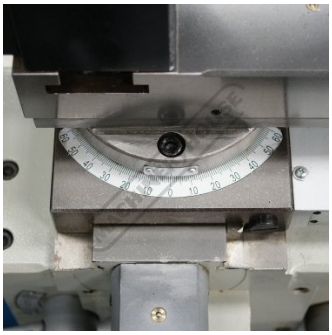

Feed Gearbox

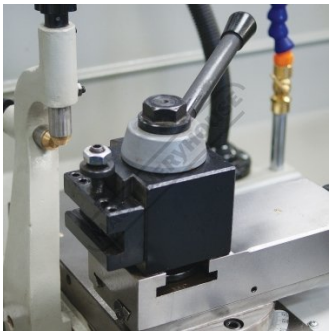

Feed Gearbox


Saddle Left View


Saddle


Compound Slide


Compund Slide Angle Graduations


Toolpost



Thread Chasing Dial

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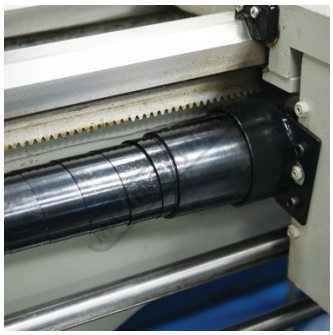
# Product Brochure For L179D

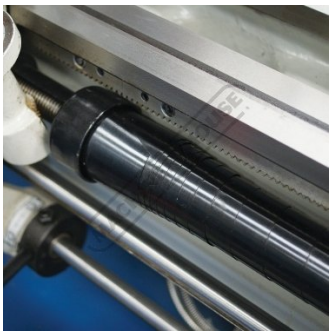

Forward Reverse Engagement Lever


Leadscrew Hand Wheel

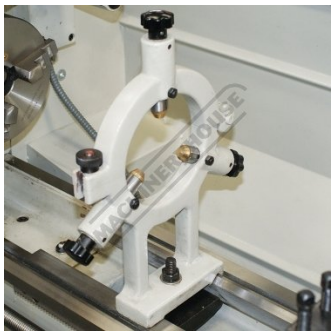

Cross Slide Hand Wheel


Compound Slide Hand Wheel

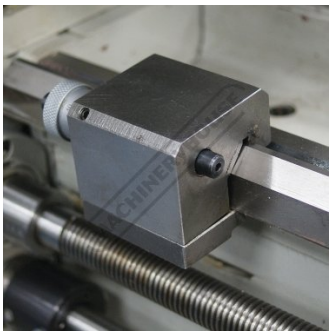

Leadscrew Covers

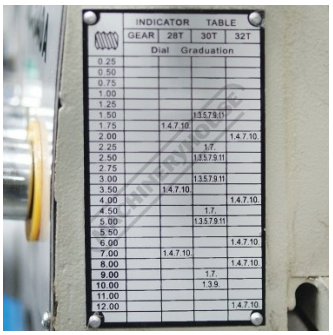

Leadscrew Covers Right Side


Coolant Nozzle and Work Light


3 Point Steady

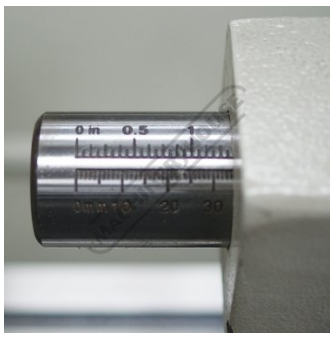

2 Point Steady


Saddle Stop



Indicator Table


Tailstock


Tailstock Quill


Tailstock Hand Wheel


Bore


Induction Hardened Bedways



Foot Brake



Slide Out Drip and Swarf Tray

## Recommended Accessories

G660
Lathe Leadscrew Cover Kit



G659
Lathe Leadscrew Cover Kit - Concertina



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



L0077
Lathe Turning Tool Kit - 7 piece Insert Type



L0078
Carbide Inserts - General Purpose



L451
Lathe Turning Tool Kit - 3 piece Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



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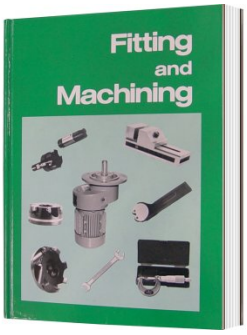
L457
Lathe Threading Tool Kit - Insert Type



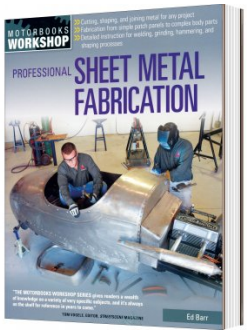
C052
3MT Live Centre



L341
Fitting and Machining Technical Book




L3455
Professional Sheet Metal Fabrication Book




L076
Knurling Tool Holder Kit




C290
Heavy Duty Drill Chuck - Keyed Type



D443A
3MT x JT3 Drill Chuck Arbor



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



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



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



C980
5C Collet Lathe Adaptor



L277
Vertical Mill Slide



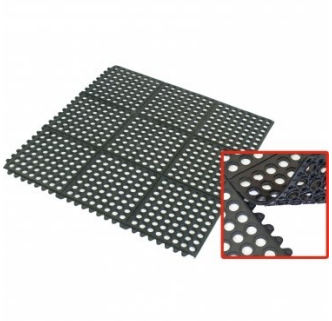
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# Product Brochure For L179D

M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



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




O000
SpillFix Universal Organic Absorbent




O043
Rust & Corrosion Preventive




O042
General Purpose Lubricant & Corrosion Inhibitor




O040
Rust & Corrosion Preventive



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# Product Brochure For L179D

O044

Rust & Corrosion Preventive

