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Product Brochure For L179E

Centre Lathe - AL-340D

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



ORDER CODE:	L179E
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):	16 (35 - 2000)
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	415
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/415V motor 16-speed (35-2000rpm)
- 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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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


Chuck Guard



Headstock



Headstock Controls

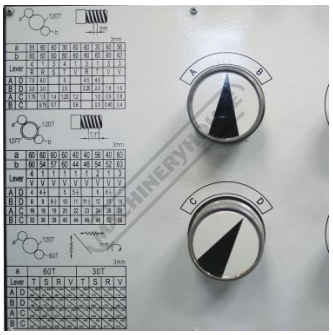


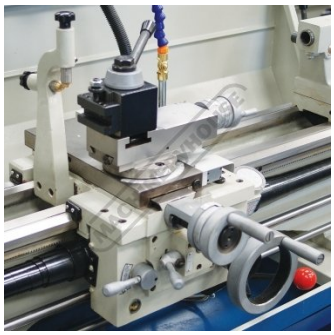
Spindle Speed Selection Levers

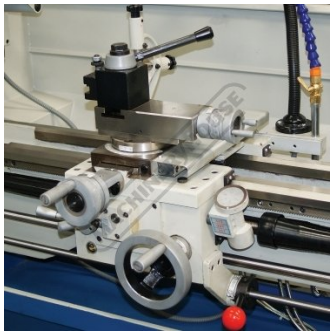


2 Speed Switch

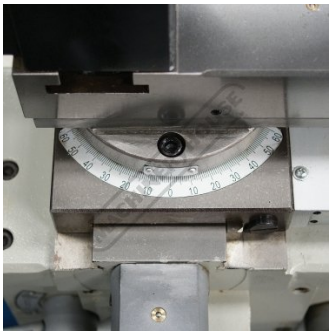

Feed Gearbox


Feed Gearbox


Saddle Left View


Saddle


Compound Slide


Compund Slide Angle Graduations


Toolpost

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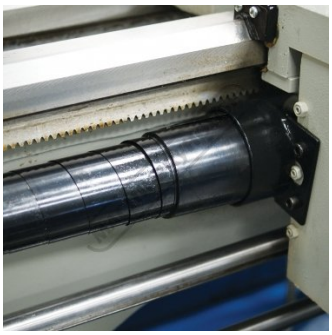
Thread Chasing Dial

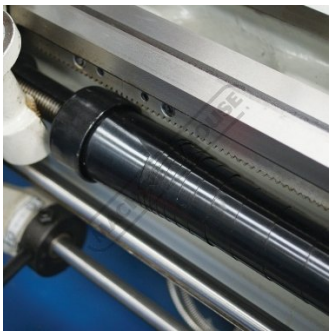

Forward Reverse Engagement Lever


Leadscrew Hand Wheel

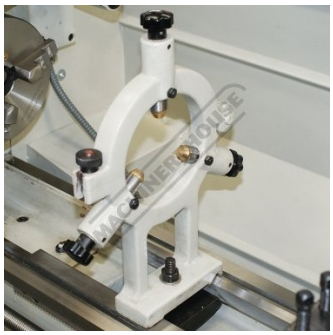

Cross Slide Hand Wheel


Compound Slide Hand Wheel

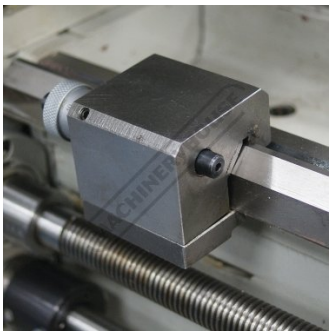

Leadscrew Covers


Leadscrew Covers Right Side


Coolant Nozzle and Work Light


3 Point Steady

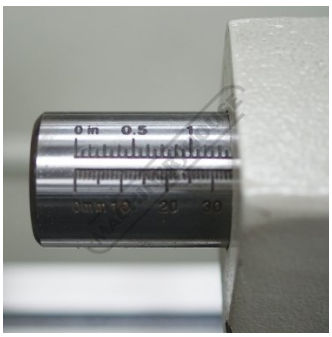

2 Point Steady


Saddle Stop



Indicator Table


Tailstock


Tailstock Quill


Tailstock Hand Wheel


Foot Brake

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Slide Out Drip and Swarf Tray


Bore


Induction Hardened Bedways

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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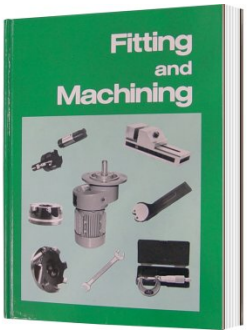
L457
Lathe Threading Tool Kit - Insert Type



C052
3MT Live Centre



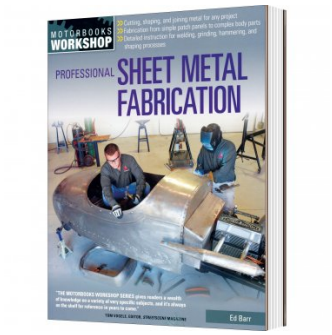
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



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



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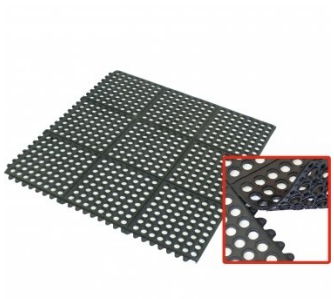
L277
Vertical Mill Slide



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



S074
Cutting Tool Lubricant Paste - 500g



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

