

Product Brochure For L179

Centre Lathe - AL-340A

356 x 1000mm Turning Capacity - 39mm Bore



ORDER CODE:	L179
MODEL:	AL-340A
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:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
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

- 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

Includes

- 3-jaw chuck with reverse jaws
- 4-jaw chuck

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- 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



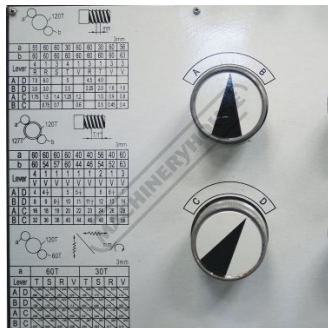
Headstock Controls



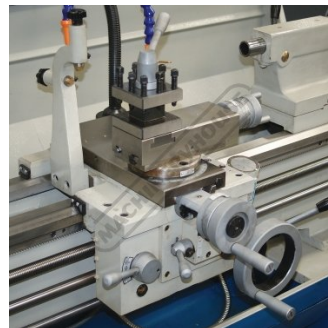
Spindle Speed Selectors



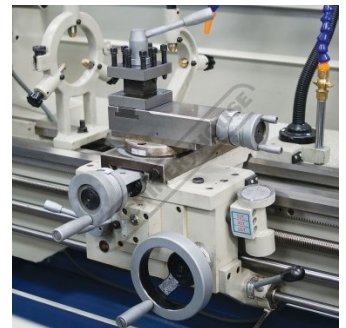
Feed Gearbox



Feed Gearbox



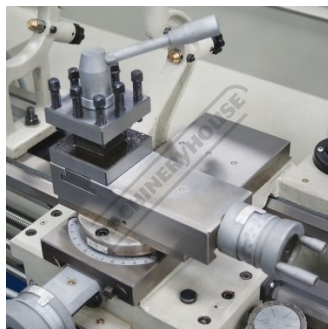
Saddle Left View



Saddle



Toolpost



Compound Slide



Compound Slide Angle Adjustment



Thread Chasing Dial

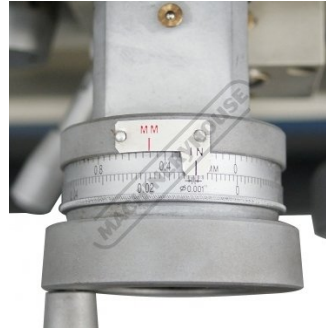
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Forward Reverse Spindle Lever



Saddle Hand Wheel



Cross Slide Hand Wheel



Compound Slide Hand Wheel



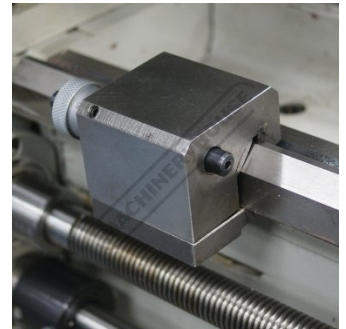
3 Point Steady



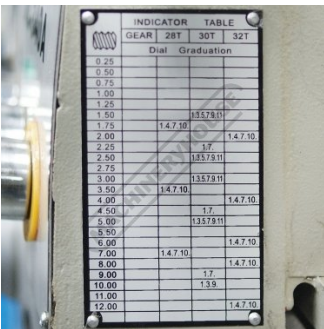
2 Point Steady



Coolant Nozzle and Work Light



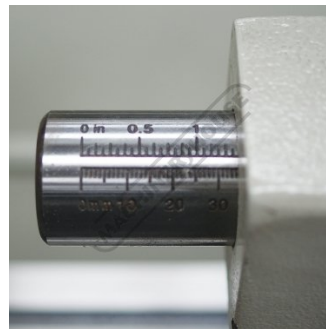
Saddle Stop



Indicator Table



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Induction Hardened Bedways



Bore



Foot Brake



Slide Out Drip and Swarf Tray

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Recommended Accessories

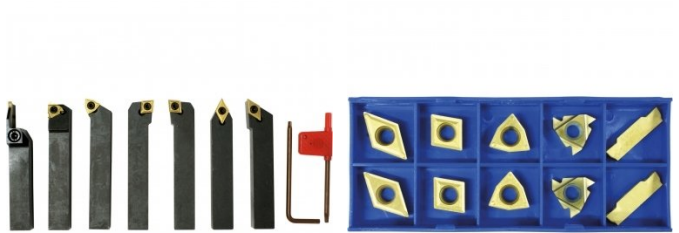
G660
 Lathe Leadscrew Cover Kit



G659
 Lathe Leadscrew Cover Kit - Concertina



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



L457
 Lathe Threading Tool Kit - Insert Type

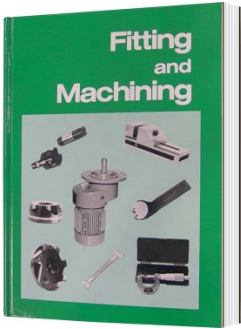


C052
 3MT Live Centre

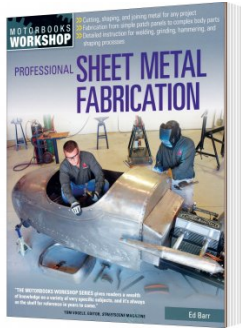


Product Brochure For L179

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 135° Precision HSS Drill Set - 25 Piece



D1282
 Imperial 135° Precision HSS Drill Set - 29 Piece



D126
 Metric 135° Precision HSS Drill Set - 170 Pieces



C980
 5C Collet Lathe Adaptor



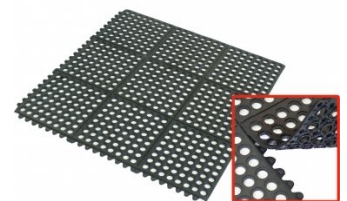
L277
 Vertical Mill Slide



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



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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



O044
 Rust & Corrosion Preventive

