

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



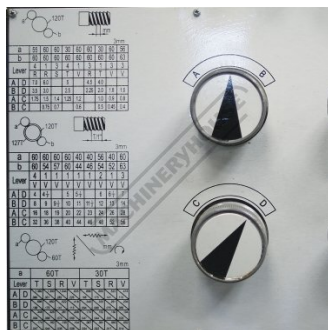
Headstock Controls



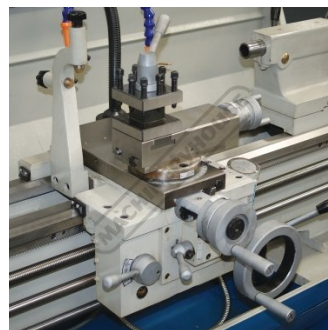
Spindle Speed Selectors



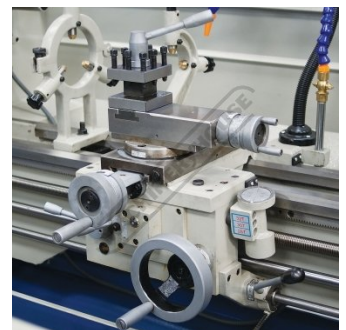
Feed Gearbox



Feed Gearbox



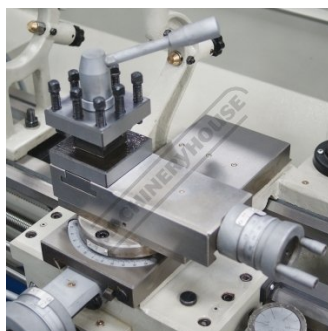
Saddle Left View



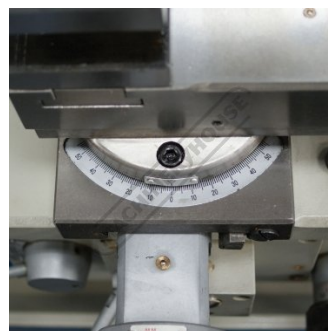
Saddle



Toolpost



Compound Slide



Compound Slide Angle Adjustment



Thread Chasing Dial

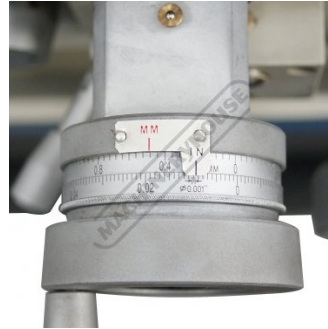
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Forward Reverse Spindle Lever



Saddle Hand Wheel



Cross Slide Hand Wheel



Compound Slide Hand Wheel



3 Point Steady



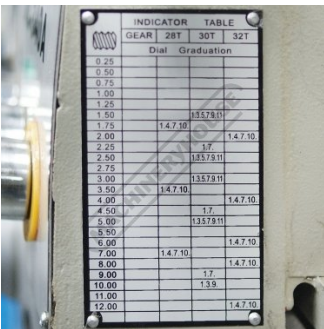
2 Point Steady



Coolant Nozzle and Work Light



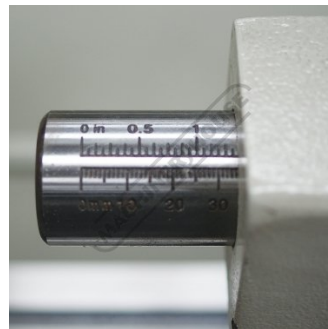
Saddle Stop



Indicator Table



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Induction Hardened Bedways



Bore



Foot Brake



Slide Out Drip and Swarf Tray

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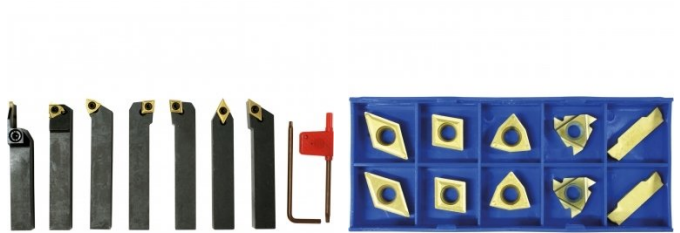
Recommended Accessories

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

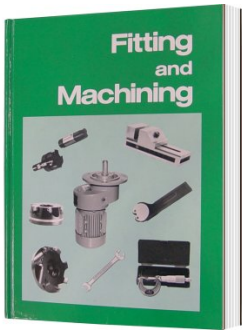
L457
Lathe Threading Tool Kit - Insert
Type

C052
3MT Live Centre



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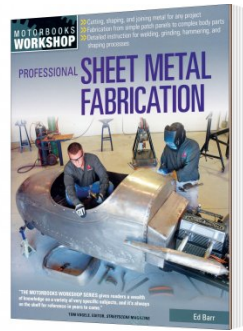
L341
Fitting and Machining Technical Book



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 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

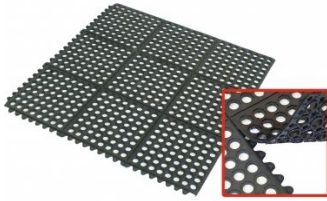


M800
Rubber Mat - Anti-Fatigue



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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

