

Product Brochure For L179F

Centre Lathe - AL-340F

356 x 750mm Turning Capacity - 39mm Bore

Includes Digital Readout System & Quick Change Toolpost



ORDER CODE:	L179F
MODEL:	AL-340F
Swing Over Bed (mm):	356
Distance Between Centres (mm):	750
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):	600

Features

- 2 Axis digital readout system
- Quick change toolpost 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 covers
- 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



2 Axis Digital Readout System



Chuck Guard with Micro Switch



Headstock



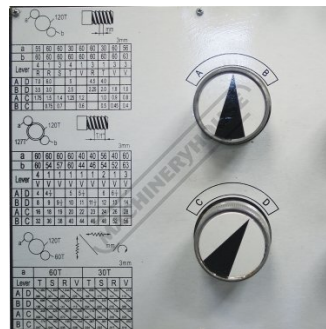
Headstock Controls 2



Spindle Speed Selection Levers



Feed Gearbox



Feed Gearbox



2 Speed Switch



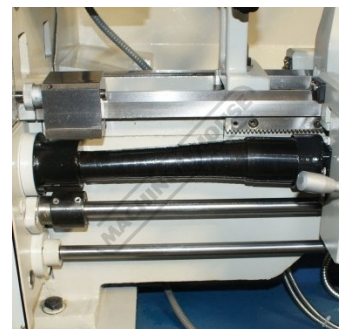
Dial Chasing Gauge



Saddle Stop

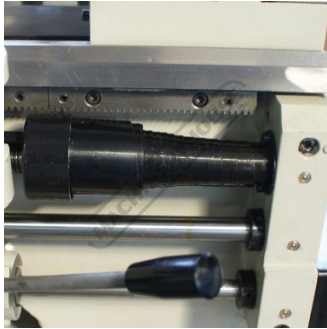


Indicator Table

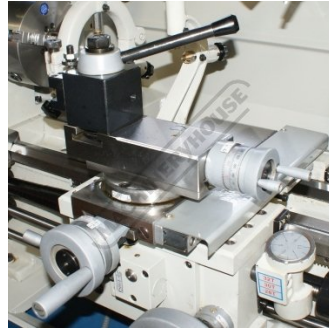


Leadscrew Covers

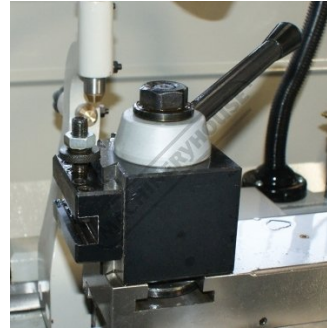
Product Brochure For L179F



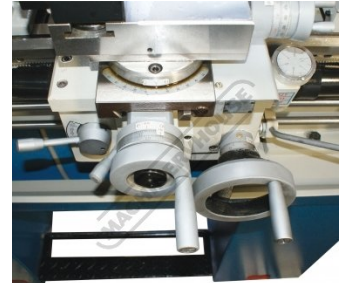
Leadscrew Covers



Compound Slide



Quick Change Toolpost



Saddle Controls



Forward Reverse Engage Lever



Worklight and Coolant Nozzle



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

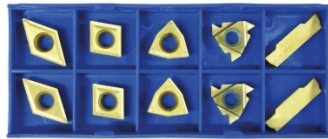


Product Brochure For L179F

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



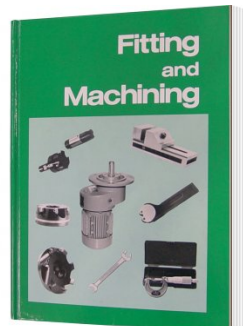
L457
 Lathe Threading Tool Kit - Insert
 Type



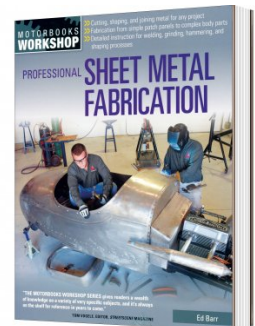
C052
 3MT Live Centre



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



Product Brochure For L179F

D1282
 Imperial 135° Precision HSS
 Drill Set - 29 Piece



D126
 Metric 135° Precision HSS Drill
 Set - 170 Pieces



C980
 5C Collet Lathe Adaptor



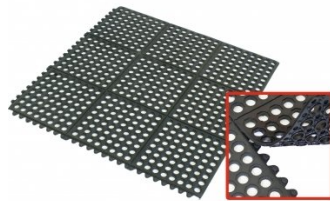
L277
 Vertical Mill Slide



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



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



Product Brochure For L179F

O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

