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Product Brochure For L189D

Centre Lathe - AL-540D

356 x 1000mm Turning Capacity
Includes Digital Readout System



ORDER CODE:	L189D
MODEL:	AL-540D
Swing Over Bed (mm):	356
Distance Between Centres (mm):	1000
Spindle Bore (mm):	38
Swing In Gap (mm):	506
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):	20
Centre Height (mm):	178
Spindle Nose Size or Type:	D1-4 Camlock
Bed Width (mm):	206
Headstock Spindle Taper (MT):	5
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	180
Compound Slide Travel (mm):	100
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.015 ~ 0.220
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.043 ~ 0.653
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	48 (0.45 - 7.5)
Imperial Thread Steps & TPI (No. / TPI):	40 (4 - 112)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	16 (45 - 1800)
Motor Power (kW / hp):	2.4 / 3.2
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	880

Features

- 2 Axis digital readout system
- Quick change toolpost with 4 holders
- Concertina leadscrew cover
- Gear drive headstock for quick change of spindle speeds
- Cast iron stand increasing rigidity and reducing vibration
- 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
- Overload clutch mechanism on auto power feed
- Micro-adjustable length-stop on bed-way for accurate repetitive operation
- 3.2HP/415V motor 16-speed(45-1800rpm)
- 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 dials (except for saddle handwheel)
- Chuck & change gear guards are fitted with micro switches
  Coolant system with flexible hose

- Slide out swarf tray

Includes

- 2 Axis digital readout system
- Quick change toolpost with 4 holders
- Concertina leadscrew cover
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling Steady
- Change gears
- Dead centres
- Thread-chasing dial
- Work light
- Cast iron stand
- Foot brake
- Rear splash guard & Swarf tray
- Toolbox
- Instruction booklet

Specific Features



L189D

Recommended Accessories

C052

3MT Live Centre



L0098

Carbide Inserts - General Purpose



L0099

Lathe Turning Tool Kit - 7 piece Insert Type



L450

Lathe Turning Tool Kit - 3 piece Insert Type



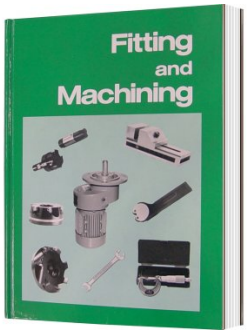
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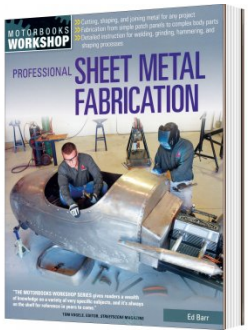
L464
Professional Lathe Parting Tool Kit - Insert Type



L341
Fitting and Machining Technical Book



L3455
Professional Sheet Metal Fabrication Book



L076
Knurling Tool Holder Kit



L295A
Quick Change Toolpost Holder - Std



L295
Quick Change Toolpost



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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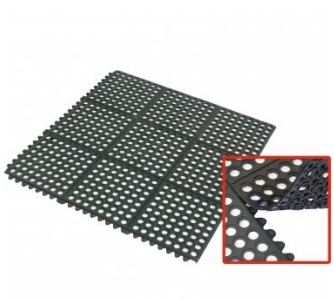
L277
Vertical Mill Slide



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



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



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Product Brochure For L189D

O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

