

Product Brochure For K007B

Bench Lathe, Stand & Tooling Package Deal - AL-320G

Ø320 x 600mm Turning Capacity - Ø38mm Spindle Bore

Includes Stand & Tooling



ORDER CODE:	K007B
MODEL:	AL-320G Package
Swing Over Bed (mm):	320
Distance Between Centres (mm):	600
Spindle Bore (mm):	38
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	210
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	~
Coolant System:	~
Tool Height To Suit (mm):	12
Centre Height (mm):	160
Spindle Nose Size or Type:	Fixed
Bed Width (mm):	160
Headstock Spindle Taper (MT):	5
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	150
Compound Slide Travel (mm):	100
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.022 - 0.15
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.1 - 1.4
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	11 (0.5 - 4)
Imperial Thread Steps & TPI (No. / TPI):	27 (9 - 48)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	12 (60 - 1600)
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	280

Features

- Geared headstock for quick change of spindle speeds
- 38mm spindle bore
- Hardened and ground bed
- Adjustable taper roller spindle bearings
- Metric & imperial thread cutting
- Powered longitudinal and cross feed
- Head stock oil sight glass
- Thread chasing dial
- Quick action tailstock locking lever
- Forward/reverse spindle switch

Includes

- AL-320G Lathe (L141)
- Lathe stand (L142)
- 12mm turning tool kit (L0099)
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears

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- Dead centre
- Rear splash guard & swarf tray
- Spanners
- Tool box
- Safety chuck guard
- Instruction booklet

Specific Features



Forward Reverse Switch and Emergency Stop



Safety Chuck Guard



3 Jaw Chuck



Spindle Speed Level Selectors 12 Speeds 16 1600RPM



Directional Feed Control Lever



End View Head



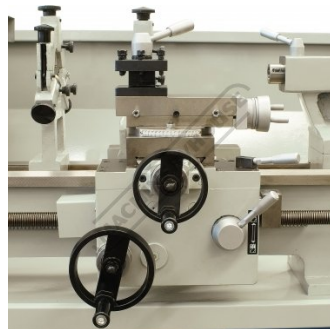
Fixed and Travelling Steadies



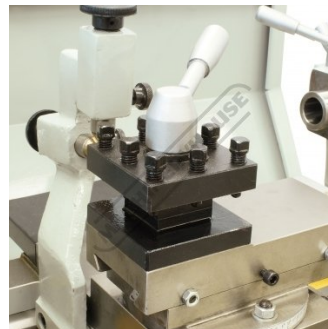
Saddle Right View



Saddle Left View



Saddle Front View

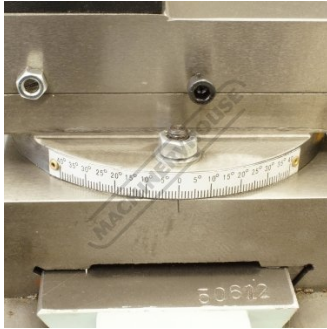


Toolpost



Compound Slide

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Compound Slide Angle Scale



Longitudinal and Cross Feed Engagement



Thread Chasing Dial



Screw Cutting Engagement Lever



Compound Slide Hand Wheel



Cross Feed Handle Wheel



Saddle Hand Wheel



Tailstock



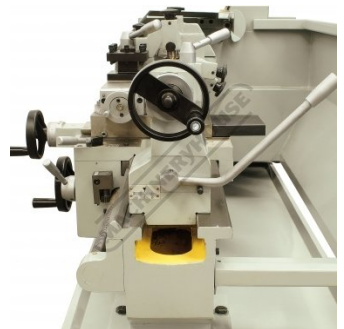
Tailstock Quill



Adjustable Tailstock



Tailstock Handle



End View Tailstock



Hardened and Gound Bed

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Recommended Accessories

L142
 Lathe Stand



L0099
 Lathe Turning Tool Kit - 7 piece
 Insert Type



L0098
 Carbide Inserts - General
 Purpose



L450
 Lathe Turning Tool Kit - 3 piece
 Insert Type



L456
 Lathe Threading Tool Kit - Insert
 Type



L464
 Professional Lathe Parting Tool
 Kit - Insert Type



L073
 Parting Tool Holder - Suits 1/2"
 HSS Tool Bit



L0007
 Part Off Blade - High Speed
 Steel Bit



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L076
Knurling Tool Holder Kit



C052
3MT Live Centre



L277
Vertical Mill Slide



L295
Quick Change Toolpost



L295A
Quick Change Toolpost Holder - Std



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



P235
Coolant Pump & Tank



S090A
Soluble Metal Cutting Fluid - 1 Litre



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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



D695

3-Axis Optimum Digital Readout Counter - 1µm



D694

1500mm Optimum Magnetic Digital Readout Scale



D720C

200mm Easson Digital Readout Scale



D728

600mm Easson Digital Readout Scale



G660

Lathe Leadscrew Cover Kit



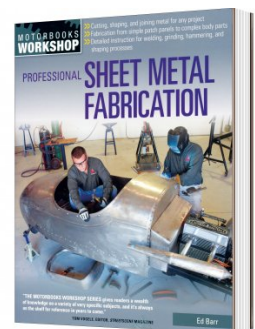
G659

Lathe Leadscrew Cover Kit - Concertina



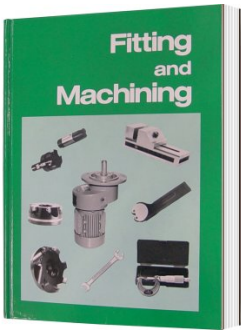
L3455

Professional Sheet Metal Fabrication Book



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L341
 Fitting and Machining Technical Book



L300
 Magnetic Swarf Remover



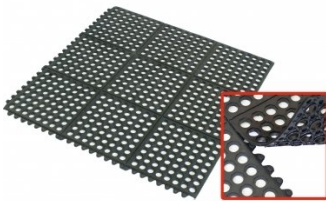
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

