

Product Brochure For K007A

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

Ø320 x 600mm Turning Capacity - Ø38mm Spindle Bore
 12 Geared Head Speeds 60 ~ 1600rpm & Includes Stand & Turning Kit



Package Deal

Ex GST

Inc GST

\$3,890.00

\$4,279.00

Package Contents - SAVE \$195.80 (Inc)

1 x L141 - AL-320G Bench Lathe	\$3,685.00
1 x L142 - ST-320G Lathe Stand	\$440.00
1 x L0099 - L0099 Lathe Turning Tool Kit - 7 piece Insert	\$187.00
1 x L0098 - L0098 Carbide Inserts - General Purpose	\$82.50
1 x L074 - L074 Parting Tool Holder - Suits 1/2" HSS Tool	\$55.00
1 x L0007 - L0007 Part Off Blade - High Speed Steel Bit	\$25.30

Normal Price (Inc): \$4,474.80

ORDER CODE:	K007A
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

Product Brochure For K007A

- 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)
- Parting block (L074)
- Parting blade (L0007)
- 12mm turning tool kit (L0099)
- Replacement carbide inserts (L0098)
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- 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



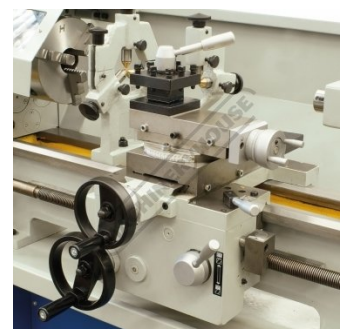
Directional Feed Control Lever



End View Head



Fixed and Travelling Stadies

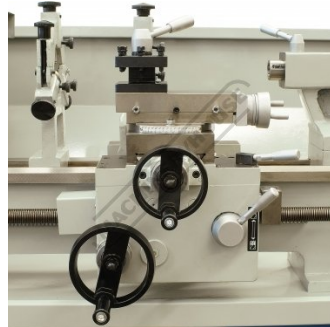


Saddle Right View

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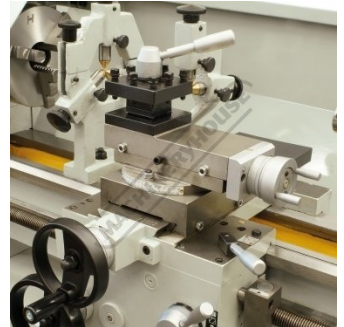
Saddle Left View



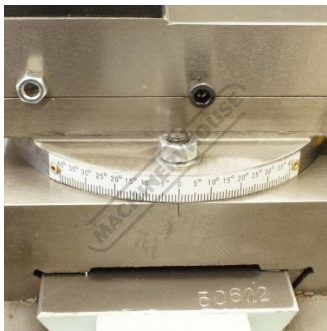
Saddle Front View



Toolpost



Compound Slide



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



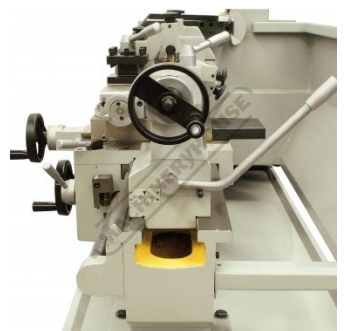
Tailstock Quill



Adjustable Tailstock



Tailstock Handle



End View Tailstock

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Hardened and Gound Bed

Recommended Accessories

L142
 Lathe Stand



D695
 3-Axis Optimum Digital Readout Counter - 1µm



D694
 1500mm Optimum Magnetic Digital Readout Scale



D7142
 2-Axis Digital Readout Counter - 1µm or 5µm



D720C
 200mm Easson Digital Readout Scale



D728
 600mm Easson Digital Readout Scale



P235
 Coolant Pump & Tank



L295
 Quick Change Toolpost



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L277
 Vertical Mill Slide



C980
 5C Collet Lathe Adaptor



L015
 Right Hand Turning Tool Holder



L016
 Left Hand Turning Tool Holder



L0099
 Lathe Turning Tool Kit - 7 piece
 Insert Type



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



L076
 Knurling Tool Holder Kit



C052
 3MT Live Centre



C045
 3MT Pipe Centre - 70° Cone



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C290
 Heavy Duty Drill Chuck - Keyed Type



D443A
 3MT x JT3 Drill Chuck Arbor

D1272
 Metric Precision HSS Drill Set - 25 Piece



D1282
 Imperial Precision HSS Drill Set - 29 Piece



D126
 Metric Precision HSS Drill Set - 170 Pieces



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



G660
 Lathe Leadscrew Cover Kit

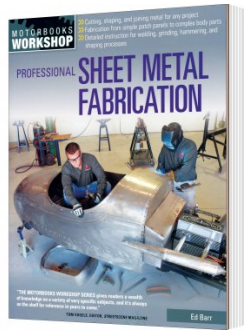


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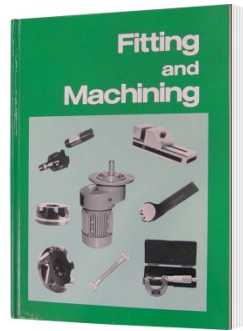
G659
 Lathe Leadscrew Cover Kit -
 Concertina



L3455
 Professional Sheet Metal
 Fabrication Book



L341
 Fitting and Machining Technical
 Book



L300
 Magnetic Swarf Remover



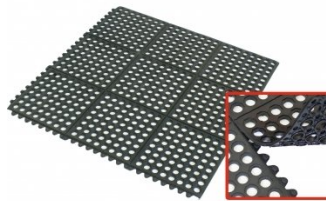
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic
 Absorbent



O000A
 Natural Zeolite Absorbent



O043
 Rust & Corrosion Preventive -
 Penetrant & Lubrication



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive -
 Penetrant & Lubrication



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www.machineryhouse.com.au

O044

Rust & Corrosion Preventive -
Penetrant & Lubrication

