

## Product Brochure For K007A

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

Ø320 x 600mm Turning Capacity - Ø38mm Spindle Bore

12 Geared Head Speeds 60 ~ 1600rpm & Includes Stand & Turning Kit



#### Package Deal

Ex GST

Inc GST

\$4,018.00

\$4,419.80

#### Package Contents - SAVE \$181.50 (Inc)

|                                                          |            |
|----------------------------------------------------------|------------|
| 1 x L141 - Bench Lathe AL-320G                           | \$3,839.00 |
| 1 x L142 - Lathe Stand ST-320G                           | \$396.00   |
| 1 x L0099 - Lathe Turning Tool Kit - 7 piece Insert Type | \$198.00   |
| 1 x L0098 - Carbide Inserts - General Purpose            | \$99.00    |
| 1 x L074 - Parting Tool Holder - Suits 1/2" HSS Tool Bit | \$44.00    |
| 1 x L0007 - Part Off Blade - High Speed Steel Bit        | \$25.30    |

Normal Price (Inc): \$4,601.30

|                                                 |                 |
|-------------------------------------------------|-----------------|
| 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

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- 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



L141 Lathe



Safety Chuck Guard



3 Jaw Chuck



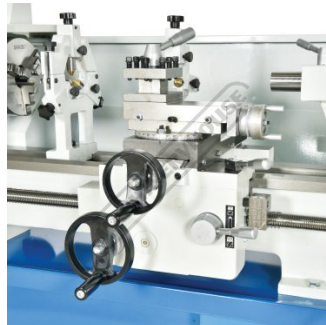
Controls



End View Head



Fixed and Travelling Steadies



Saddle



Toolpost

Product Brochure For K007A



Compound Slide Angle Scale



Longitudinal and Cross Feed Engagement



Thread Chasing Dial



Screw Cutting Engagement Lever



Compound Slide Hand Wheel



Compound Slide and Cross Feed Handle Wheel



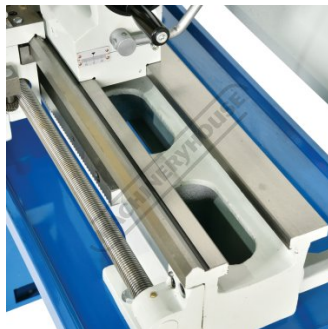
Tailstock



Tailstock Quill



End View Tailstock



Hardened and Ground Bed



## Product Brochure For K007A

### Recommended Accessories

L142

Lathe Stand



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



P235

Coolant Pump & Tank



L295

Quick Change Toolpost



L277

Vertical Mill Slide



## Product Brochure For K007A

**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



**C290**

Heavy Duty Drill Chuck - Keyed Type



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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



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



G659

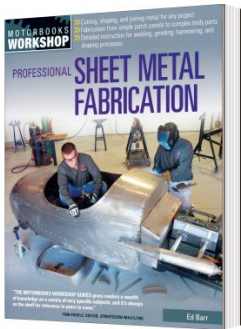
Lathe Leadscrew Cover Kit - Concertina



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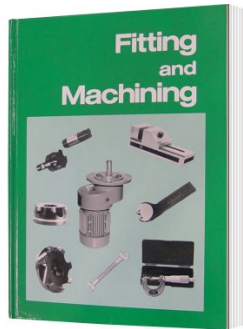
L3455

Professional Sheet Metal  
Fabrication Book



L341

Fitting and Machining Technical  
Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



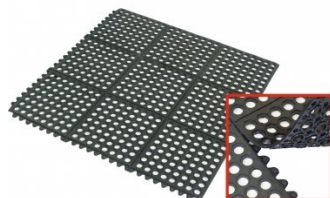
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O000

SpillFix Universal Organic  
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &  
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

