

## Product Brochure For K8710

### AL-340D Centre Lathe - Includes Tooling Package - QLD Schools / TAFE

356 x 1000mm Turning Capacity  
 QLD Contract Item No. 5.1



|                                    |                            |
|------------------------------------|----------------------------|
| ORDER CODE:                        | K8710                      |
| NSW DOE Item No.:                  | ~                          |
| QLD DOE Item No.:                  | 5.1                        |
| MODEL:                             | Schools/TAFE AL-340D & KIT |
| Digital Readout:                   | Optional                   |
| Tool To Suit (mm):                 | 12                         |
| Distance Between Centres (mm):     | 1000                       |
| Swing Over Bed (mm):               | 356                        |
| Swing Over Gap (mm):               | 220                        |
| Swing Over Cross-slide (mm):       | 515                        |
| Centre Height (mm):                | 178                        |
| Spindle Bore (mm):                 | Ø39                        |
| Camlock Spindle Size:              | D1-4                       |
| Bed Width (mm):                    | 187                        |
| Head Stock Spindle Taper (MT):     | 5                          |
| Tail Stock Taper (MT):             | 3                          |
| Cross Slide Travel (mm):           | 160                        |
| Compound Slide Travel (mm):        | 68                         |
| Lead Screw:                        | Metric                     |
| Cross Feed (mm/rev):               | 0.018 - 0.583              |
| Longitudinal Feed (mm/rev):        | 0.082 - 2.711              |
| Metric Thread Range (No. / mm):    | 32 (0.4 - 7.0)             |
| Imperial Thread Range (No. / TPI): | 32 (4 - 56)                |
| 3 Jaw Chuck Diameter (mm):         | Ø160                       |
| 4 Jaw Chuck Diameter (mm):         | Ø200                       |
| Spindle Steps/speeds (No. / RPM):  | 16 / 35-2000               |
| Motor Power (kW / hp):             | 1.5 / 2                    |
| Voltage / Amperage (V / amp):      | 415                        |
| Nett Weight (kg):                  | 650                        |

### Description

We for many years have been working in close consultation with the education departments to ensure the most suitable equipment is provided to our schools and TAFE, not only does it comply with the departments stringent safety requirements but is built to last the distance. That's why we consider our company to be a specialist when it comes to supplying quality Wood Work and Metal Working Machinery for Public or Private Schools, TAFE Colleges and Trade Training Centres in all states of Australia.

The AL-340D is manufactured with all the safety features needed to comply with the education department. This machine has the following safety features such as leadscrew cover, chuck guard with micro switch, micro switch fitted to side access door and emergency foot brake making this machine superior in safety to protect the learning and developing students.

### Features

- Quick change tool-post 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

## Product Brochure For K8710

- Slide out swarf tray

### Includes

- Concertina leadscrew cover
- 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
- 12mm Turning Tool Kit (L450)
- Parting Tool Holder (L074)
- HSS Parting Blade (L0007)
- 13mm Keyless Drill Chuck (C292)
- 3MT x JT6 Drill Chuck Arbor (D443)
- 3MT Live Centre (C052)
- Knurling Tool Holder (Clamp Type) (L080)

## Recommended Accessories

A358

Sky Hook Lifting Device



A358A

Chuck Hook



G660

Lathe Leadscrew Cover Kit



G659

Lathe Leadscrew Cover Kit - Concertina



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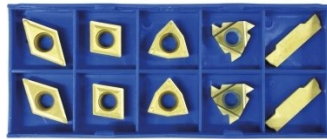
L0077

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



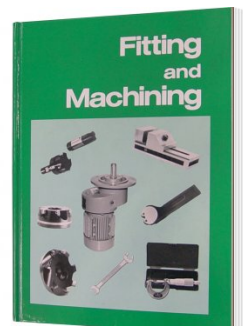
C052

3MT Live Centre



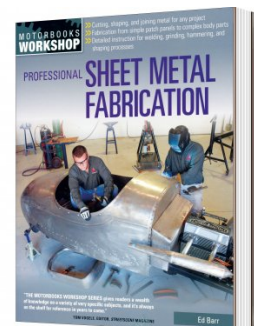
L341

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



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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



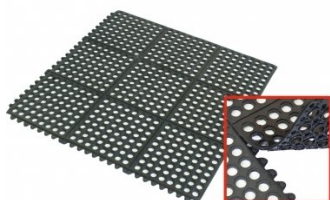
M800

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 K8710

O000

SpillFix Universal Organic  
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &  
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

