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Product Brochure For K8712D

AL-340F Centre Lathe with Digital Readout System - Includes Tooling Package - QLD Schools / TAFE

356 x 750mm Turning Capacity

QLD Contract Item No. 6.1



ORDER CODE:	K8712D
NSW DOE Item No.:	~
QLD DOE Item No.:	6.1
MODEL:	Schools/TAFE AL-340F & KIT with DRO
Digital Readout:	Yes
Tool To Suit (mm):	12
Distance Between Centres (mm):	750
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):	595

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-340G 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

- 2 Axis digital readout system
- Quick change toolpost 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

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- 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
- Slide out swarf tray

Includes

- 2 Axis digital readout system
- 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)

Specific Features



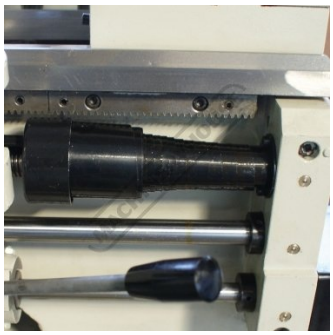
2 Axis Digital Readout System

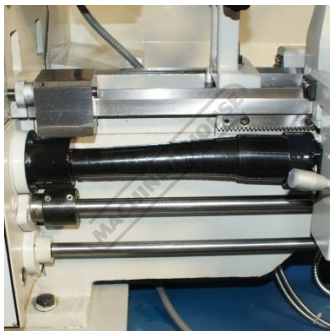

Chuck Guard with Micro Switch


Spindle Speed Levers



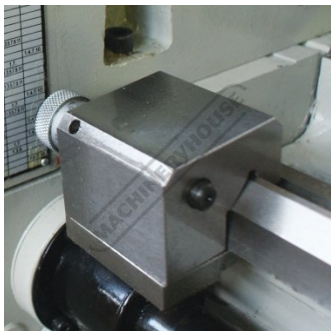
Forward Reverse Engage Lever


Leadscrew Covers


Leadscrew Covers

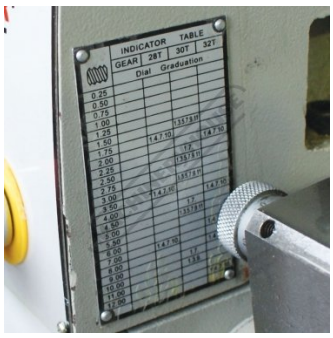


Dial Chasing Gauge


Saddle Stop

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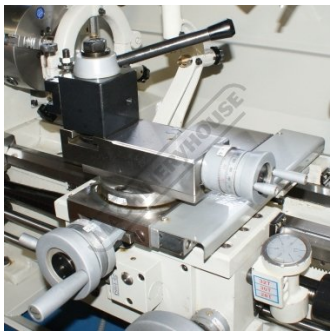
Indicator Table

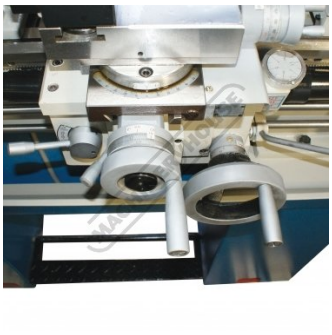


Headstock Controls


Worklight & Coolant Nozzle


Quick Change Toolpost


Compound Slide


Saddle Controls



Controls



Charts & Feed Controls



Screw Charts



2 Speed Switch

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Recommended Accessories

A358
Sky Hook Lifting Device



A358A
Chuck Hook



G660
Lathe Leadscrew Cover Kit



G659
Lathe Leadscrew Cover Kit - Concertina



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



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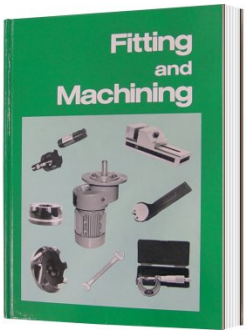
L457
Lathe Threading Tool Kit - Insert Type



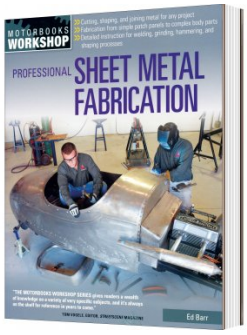
C052
3MT Live Centre



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 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



L277
Vertical Mill Slide



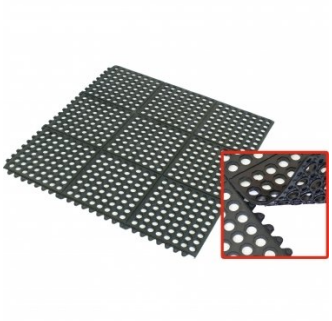
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M800
Rubber Mat - Anti-Fatigue



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



O040
Rust & Corrosion Preventive



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Product Brochure For K8712D

O044

Rust & Corrosion Preventive

