

Product Brochure For K8709D

AL-336D Bench Lathe includes Tooling Package - QLD Schools / TAFE

300 x 900mm Turning Capacity

Please Call



ORDER CODE:	K8709D
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	Schools/TAFE AL-336D &
Digital Readout:	Yes
Tool To Suit (mm):	12
Distance Between Centres (mm):	900
Swing Over Bed (mm):	300
Swing Over Gap (mm):	450
Swing Over Cross-slide (mm):	180
Centre Height (mm):	150
Spindle Bore (mm):	38
Camlock Spindle Size:	D1-4
Bed Width (mm):	180
Head Stock Spindle Taper (MT):	5
Tail Stock Taper (MT):	3
Cross Slide Travel (mm):	170
Compound Slide Travel (mm):	75
Lead Screw:	Imperial
Cross Feed (mm/rev):	0.009 - 0.236
Longitudinal Feed (mm/rev):	0.04 - 1.2236
Metric Thread Range (No. / mm):	32 (0.4 - 7)
Imperial Thread Range (No. / TPI):	36 (4 - 60)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps/speeds (No. / RPM):	18 (65 - 1810)
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	595



Features

- Gear drive headstock for quick change of spindle speeds & feeds
- Precision 'V'-beds are hardened and ground
- Adjustable taper roller bearings support the spindle
- 18 spindle speeds (65-1810rpm)
- Powered longitudinal and cross feeds
- D1-4 camlock spindle for quick and accurate chuck removal
- Removable gap bed-way for larger diameter jobs
- Dual calibrated dials (except for saddle hand wheel)
- Enclosed quick action gearbox for thread cutting and auto feeding
- Chuck & change gear guards are fitted with micro switches
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Inching button is incorporated on the control panel for convenient spindle speed selection

Safety Features

- Foot operated spindle brake with safety cut out switch
- Interlocked safety chuck guard
- Interlocked change gear cover
- Leadscrew cover
- Emergency stop switch
- Test and tag certificate on 240V lead

- OPTIONAL SAFETY ELECTRICS
- (ES310) Optional Safety Estop - Additional to standard Estop

Includes

- 2 axis DRO

Product Brochure For K8709D

- Swarf tray
- Quick change toolpost
- 3-jaw chuck with reverse jaws
- Leadscrew covers
- Stand
- Coolant system
- Halogen lamp
- Change gears
- Fixed & traveling steadies
- Dead centre
- Thread chasing dial
- Rear splash guard
- Toolbox
- (C052) 4MT Live Centre
- (C289) Heavy Duty Drill Chuck - Keyed Type
- (D443) 3MT x JT6 Drill Chuck Arbor
- (L0007) Part Off Blade - High Speed Steel Bit
- (L074) Parting Tool Holder - Suits 1/2" HSS Tool Bit
- (L080) Knurling Tool Holder - Clamp Type
- (L450) Lathe Turning Tool Kit - 3 piece Insert Type

Specific Features



Chuck Guard With Safety Micro Switch



2 Axis Digital Read Out



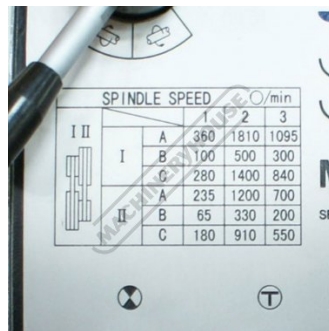
Quick Change Toolpost



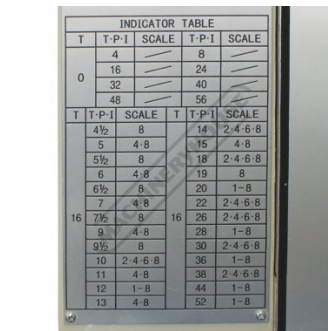
Leadscrew Covers



Headstock



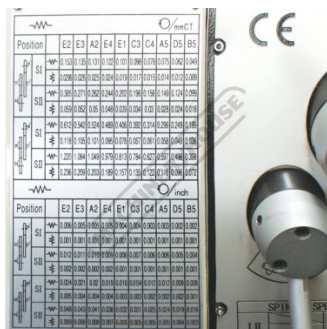
18 Spindle speeds 65 1810rpm



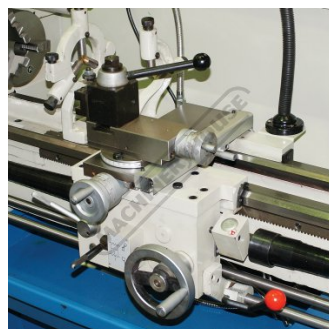
Thread Chase Indicator Table



Thread Charts



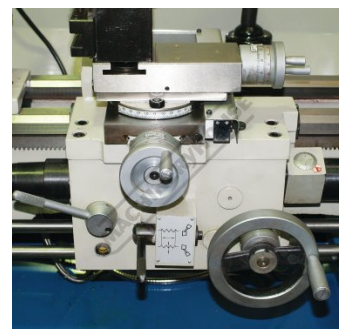
Feed Chart



Saddle Right View



Saddle Left View



Saddle Controls

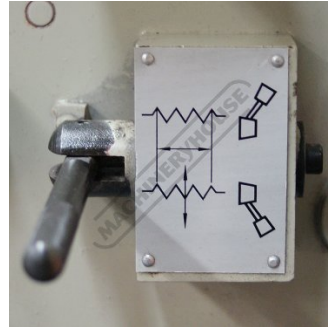
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Thread Chasing Dial



Forward Reverse Spindle Lever



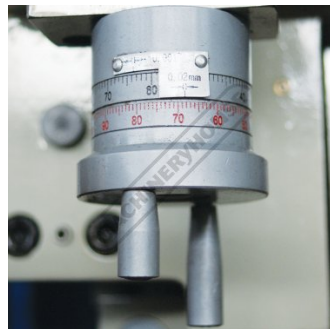
Feed Engagement Lever



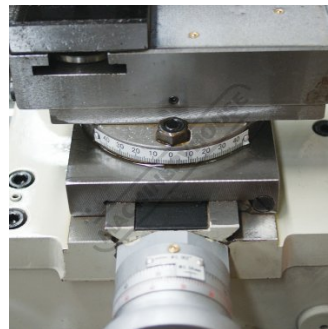
Saddle Hand Wheel



Crossslide Hand Wheel



Compound Slide Hand Wheel



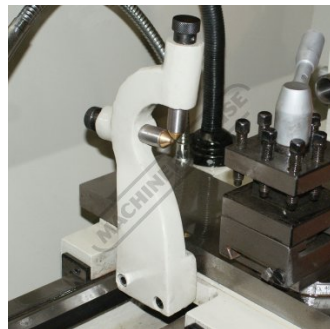
Swivel Compound Slide



Light and Coolant Hose



3 Point Steady



2 Point Steady



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Induction Hardened Bedways



Included Accessories



C052 3MT Live Centre

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C289 Heavy Duty Drill Chuck



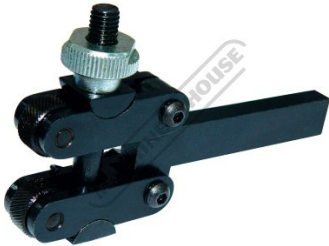
D443 3MT x JT6 Drill Chuck Arbor



L0007 Part Off Blade High Speed Steel Bit



L074 Parting Tool Holder Suits 12 HSS Tool Bit



L080 Knurling Tool Holder Clamp Type



L450 Lathe Turning Tool Kit 3 piece Insert Type

Recommended Accessories

ES310

Emergency Stop Switch Plus
 Box Type Enclosure



K001

Bench Lathe, Stand & Tooling
 Package Deal



L151

4 Jaw Independent Lathe Chuck
 with Adaptor Plate



L150

Lathe Stand



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D695
 3-Axis Optimum Digital Readout Counter - 1µm



D694
 1500mm Optimum Magnetic Digital Readout Scale



D5242
 Scale - Backing Plate & Cover



P235
 Coolant Pump & Tank



L276
 Mini Vertical Mill Slide



L277
 Vertical Mill Slide



L292
 Quick Change Toolpost



L280
 Quick Change Toolpost



L0077
 Lathe Turning Tool Kit - 7 piece Insert Type



L017
 Right Hand Turning Tool Holder



L018
 Left Hand Turning Tool Holder



L044
 Right Hand Turning Tool Holder



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L045
 Left Hand Turning Tool Holder



L451
 Lathe Turning Tool Kit - 3 piece Insert Type



L457
 Lathe Threading Tool Kit - Insert Type



L465
 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



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



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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



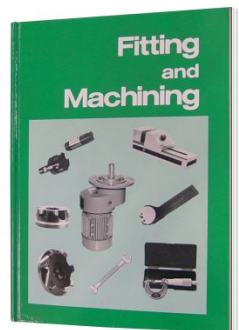
S075
 Cutting Tool Lubricant Paste - 200g



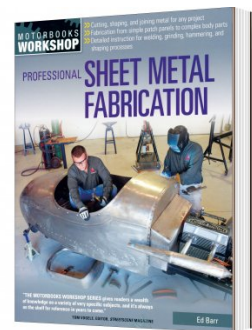
S074
 Cutting Tool Lubricant Paste - 500g



L341
 Fitting and Machining Technical Book



L3455
 Professional Sheet Metal Fabrication Book



L300
 Magnetic Swarf Remover



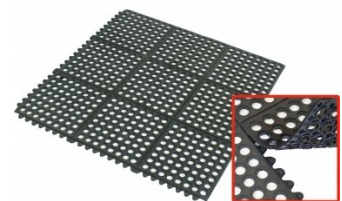
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



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O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

