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Product Brochure For K8708

AL-250G Bench Lathe includes Tooling Package - QLD Schools / TAFE

250 x 500mm Turning Capacity



Please Call

ORDER CODE:	K8708
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	Schools/TAFE AL-250G &
Digital Readout:	~
Tool To Suit (mm):	16
Distance Between Centres (mm):	500
Swing Over Bed (mm):	250
Swing Over Gap (mm):	~
Swing Over Cross-slide (mm):	150
Centre Height (mm):	125
Spindle Bore (mm):	26
Camlock Spindle Size:	Fixed
Bed Width (mm):	140
Head Stock Spindle Taper (MT):	4
Tail Stock Taper (MT):	3
Cross Slide Travel (mm):	145
Compound Slide Travel (mm):	75
Lead Screw:	Metric
Cross Feed (mm/rev):	0.017 - 0.187
Longitudinal Feed (mm/rev):	0.035 - 0.375
Metric Thread Range (No. / mm):	15 (0.25 - 2.5)
Imperial Thread Range (No. / TPI):	~
3 Jaw Chuck Diameter (mm):	130
4 Jaw Chuck Diameter (mm):	Optional
Spindle Steps/speeds (No. / RPM):	12 (80 - 1600)
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	185

Features

- 12 spindle speed geared headstock incorporates a single progression dial
- 26mm spindle bore
- Hardened and ground bed
- Enclosed quick action gearbox for thread cutting & auto feeding
- Adjustable taper roller spindle bearings
- Metric thread cutting
- Powered longitudinal and cross feeds
- Headstock and gearbox oil sight glass
- Quick action tailstock locking lever
- Metric thread chasing dial
- Forward/reverse spindle switch
- 0.75kW / 1hp 240V motor

Safety Features

- Emergency stop switch

Includes

- 125mm 3-jaw chuck with reverse jaws
- Face plate
- Fixed steady
- Travelling steady
- Dead centre
- Rear splash guard & swarf tray
- Safety chuck guard
- Leadscrew Cover
- Instruction booklet
- (C052) 3MT Live Centre
- (C289) Heavy Duty Drill Chuck

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- (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
- (P235) Coolant Pump & Tank
- (L150) Lathe Stand

Optional Accessories

- PLEASE NOTE: Quick Change Toolpost,
- L292, will accept 16mm turning tools but 16mm boring bar WONT fit on this machine
- L280, will accept 12mm turning tools and 12mm boring bar WILL fit on this machine

Specific Features



C052 3MT Live Centre



C289 Heavy Duty Drill Chuck



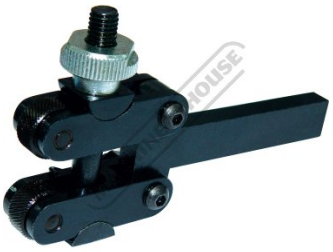
D443 3MT x JT6 Drill Chuck Arbor



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



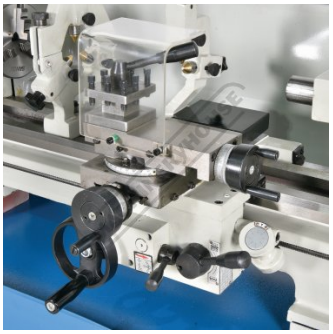
P235 Coolant Pump Tank



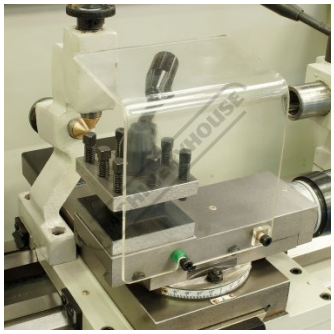
Headstock Controls



Key Lockable Side Pulley Door



Saddle



Compound Table with Safety Guard

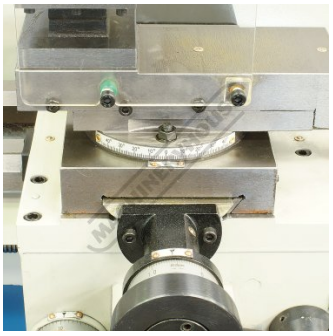
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Product Brochure For K8708



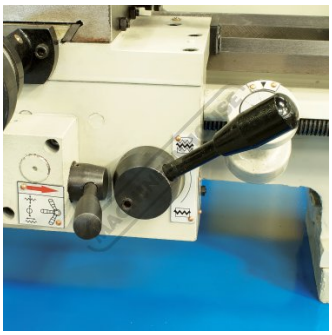
Safety Chuck Guard With Micro


Toolpost


Swivel Compound Slide


Saddle Front View


Thread Chasing Dial

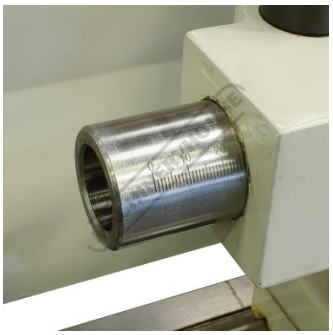

Feed and Thread Engagement Levers


Leadscrew Cover


Fixed 2 Point Steady


3 Point Travelling Steady

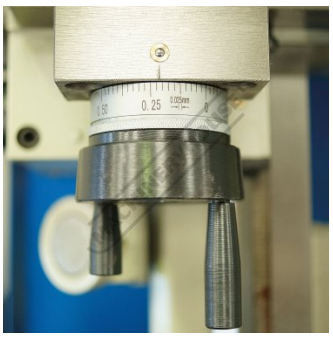

Tailstock

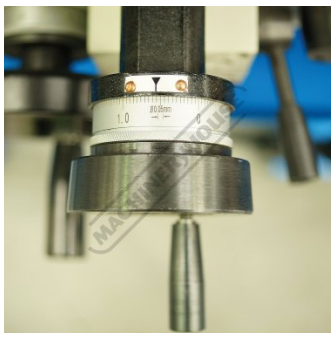

Tailstock Quill Graduations


Tailstock Hand Wheel Graduations


Tailstock Horizontal Adjustment


Hardened and Ground Bed


Compound Slide Graduations

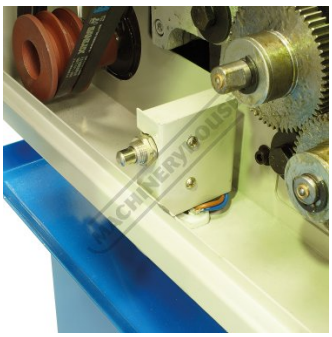

Cross Feed Hand Wheel Graduations

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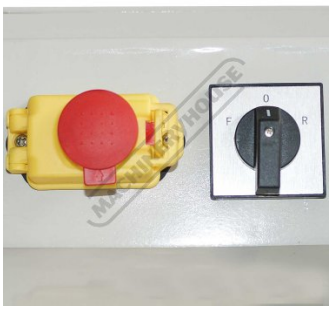
Product Brochure For K8708



Saddle Hand Wheel Graduations



Micro Switch Fitted on Pulley Door



Forward Reverse Switch and Safety Step Switch



Emergency Stop Switch

Recommended Accessories

DU1107
EMERGENCY STOP SWITCH

K001
Bench Lathe, Stand & Tooling Package Deal

L151
4 Jaw Independent Lathe Chuck with Adaptor Plate

L150
Lathe Stand









D695
3-Axis Optimum Digital Readout Counter - 1µm

D694
1500mm Optimum Magnetic Digital Readout Scale

D5242
Scale - Backing Plate & Cover

P235
Coolant Pump & Tank









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Product Brochure For K8708

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



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



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Product Brochure For K8708

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 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



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



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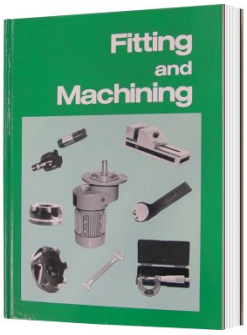
S075
Cutting Tool Lubricant Paste - 200g



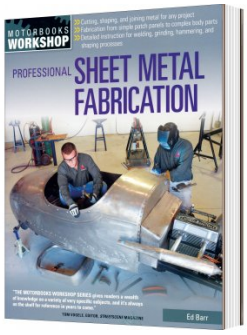
S074
Cutting Tool Lubricant Paste - 500g



L341
Fitting and Machining Technical Book



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



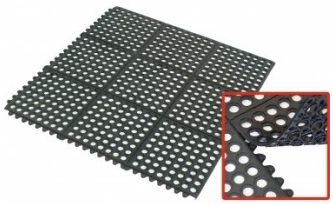
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



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 K8708

O044

Rust & Corrosion Preventive

