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Product Brochure For K8716

AL-1324 Centre Lathe - Includes Tooling Package - QLD Schools / TAFE

330 x 600mm Turning Capacity
QLD Contract Item No. 6.2



ORDER CODE:	K8716
NSW DOE Item No.:	~
QLD DOE Item No.:	6.2
MODEL:	Schools/TAFE AL-1324 & KIT
Digital Readout:	Optional
Tool To Suit (mm):	16
Distance Between Centres (mm):	600
Swing Over Bed (mm):	330
Swing Over Gap (mm):	~
Swing Over Cross-slide (mm):	200
Centre Height (mm):	165
Spindle Bore (mm):	Ø40
Camlock Spindle Size:	D1-4
Bed Width (mm):	190
Head Stock Spindle Taper (MT):	5
Tail Stock Taper (MT):	3
Cross Slide Travel (mm):	175
Compound Slide Travel (mm):	100
Lead Screw:	Metric
Cross Feed (mm/rev):	0.034 ~ 0.468m
Longitudinal Feed (mm/rev):	0.068 ~ 0.936
Metric Thread Range (No. / mm):	30 (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):	9 / 82-2000
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	660

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-1324 is manufactured in Taiwan 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

- Tool room quality precision lathe, Made in Taiwan and have been sold for over 20 years
- Gear drive headstock for quick change of spindle speeds
- Stand increasing rigidity and reducing vibration
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Foot operated spindle brake with safety cut out switch
- Chuck guard fitted fitted with micro switch
- Leadscrew cover ensures swarf not reaching clasp nut
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- Overload clutch mechanism on auto power feed
- Overload protection on drive motor and coolant system
- 3HP/415V motor, 9-speed (82 - 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
- Dual calibrated feed dials
- Coolant system with flexible hose

- Slide out swarf tray

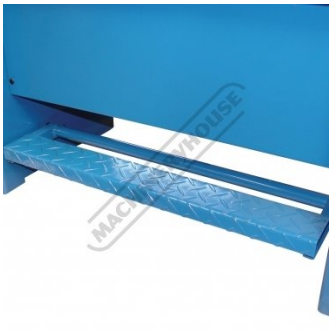
Includes

- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling steady
- Chuck guard
- Leadscrew covers
- Dead centre
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Drive Plate
- Instruction booklet
- 16mm Turning Tool Kit (L451)
- 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)

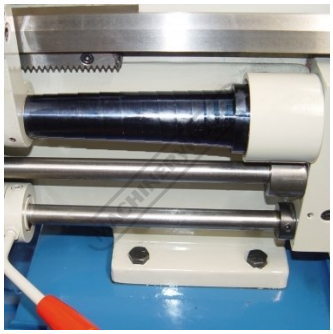
Specific Features


Safety Chuck Guard


Sliding drip tray for swarf removal


Footbrake


Leadscrew Covers


Leadscrew Covers


Headstock Controls



Feed Charts

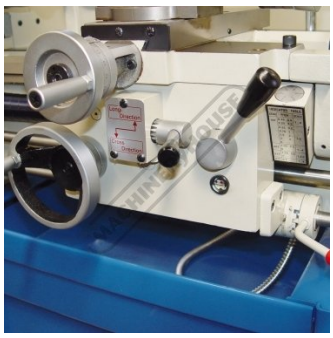


Limit Switch

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Thread Chasing Dial


Saddle Controls


Toolbox


Drive Plate


16mm Turning Tool Kit (L451)


Parting Tool Holder (L074)


HSS Parting Blade (L011B)


13mm Keyless Drill Chuck (C292)


3MT x JT6 Drill Chuck Arbor (D443)


3MT Live Centre (C052)


Knurling Tool Holder (Clamp Type) (L080)


6 x 500kg capacity Machine Mounts (M002)


Lathe Carrier 38mm (Bent Tail) (L081)

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Recommended Accessories

A358
Sky Hook Lifting Device



A358A
Chuck Hook



C052
3MT Live Centre



L0077
Lathe Turning Tool Kit - 7 piece Insert Type



L451
Lathe Turning Tool Kit - 3 piece Insert Type



L457
Lathe Threading Tool Kit - Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



S090A
Soluble Metal Cutting Fluid - 1 Litre



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Product Brochure For K8716

S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



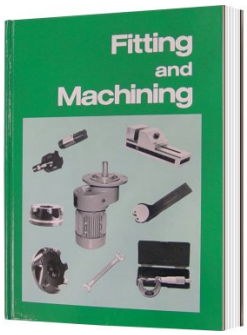
S075
Cutting Tool Lubricant Paste - 200g



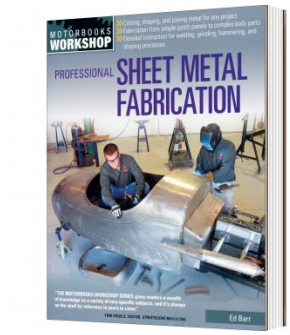
S074
Cutting Tool Lubricant Paste - 500g



L341
Fitting and Machining Technical Book



L3455
Professional Sheet Metal Fabrication Book



L295
Quick Change Toolpost



L295A
Quick Change Toolpost Holder - Std



L277
Vertical Mill Slide



D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



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C980
5C Collet Lathe Adaptor



L076
Knurling Tool Holder Kit



C294
Industrial Drill Chuck - Keyless Type



D443A
3MT x JT3 Drill Chuck Arbor



D719
150mm Easson Digital Readout Scale



D734
900mm Easson Digital Readout Scale



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue

