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Product Brochure For K8714

AL-1440 Centre Lathe - Includes Tooling Package - QLD Schools / TAFE

356 x 1000mm Turning Capacity
QLD Contract Item No. 5.2



ORDER CODE:	K8714
NSW DOE Item No.:	~
QLD DOE Item No.:	5.2
MODEL:	Schools/TAFE AL-1440 & KIT
Digital Readout:	Optional
Tool To Suit (mm):	16
Distance Between Centres (mm):	1000
Swing Over Bed (mm):	356
Swing Over Gap (mm):	516
Swing Over Cross-slide (mm):	224
Centre Height (mm):	178
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):	0.033 - 0.468
Longitudinal Feed (mm/rev):	0.066 - 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):	18 / 50-2000
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	720

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-1440 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

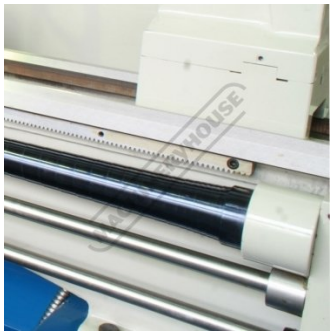
- Tool room quality precision lathe, Made in Taiwan and have been sold for over 20 years
- Gear drive headstock for quick change of spindle speeds
- Stand increasing rigidity and reducing vibration
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Foot operated spindle 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, 18-speed (50 - 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

- Coolant system with flexible hose
- Slide out swarf tray

Includes

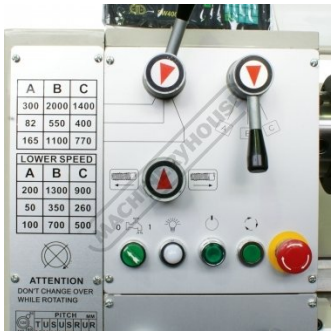
- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling steady
- Chuck guard
- Leadscrew covers
- Dead centre
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Halogen light
- Drive Plate
- Instruction booklet
- 12mm Turning Tool Kit (L450)
- Parting 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


Leadscrew Covers


Safety Chuck Guard


Headstock Controls

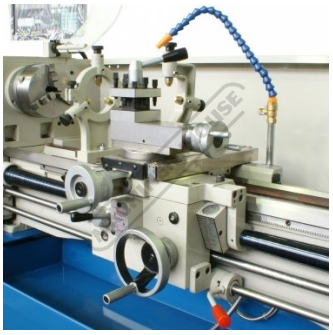


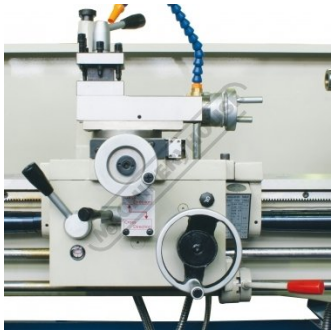
Speed Levers and Charts



Feed Levers and Charts

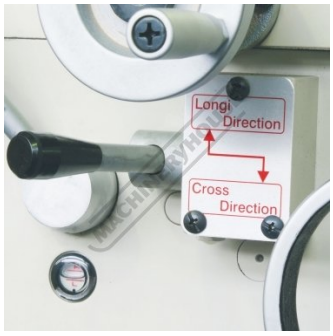

Chuck


Saddle


Saddle Controls

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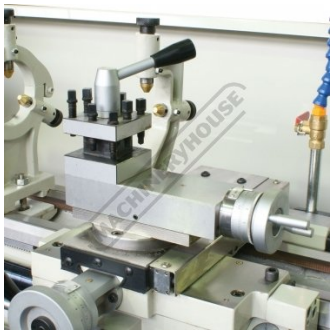


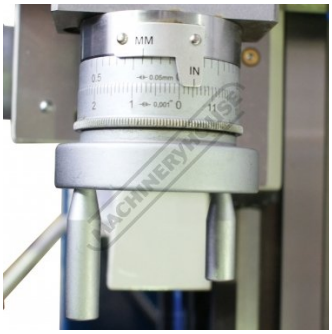
Feed Handle


2 Point Steady


3 Point Steady


Coolant System


Compound Slide


Compound Slide Hand Wheel


Cross Slide Hand Wheel


Saddle Hand Wheel



Thread Chasing Dial


Pull Out Swarf Tray

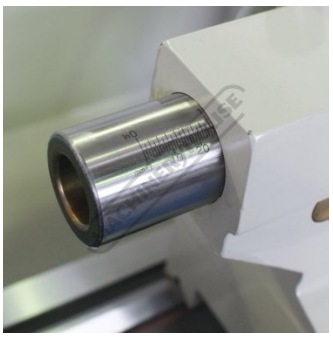

Tailstock Hand Wheel


Foot Brake



Hardened and Ground Bedways


Tailstock


Tailstock Quill



Hi Low Switch



Emergency Stop

Recommended Accessories

A358
Sky Hook Lifting Device



A358A
Chuck Hook



L258
Taper Turning Attachment



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



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Product Brochure For K8714

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



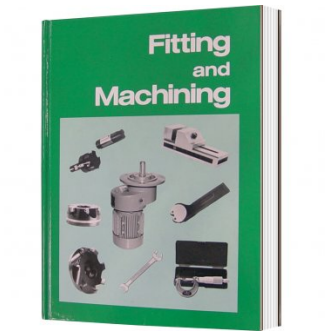
S075
Cutting Tool Lubricant Paste - 200g



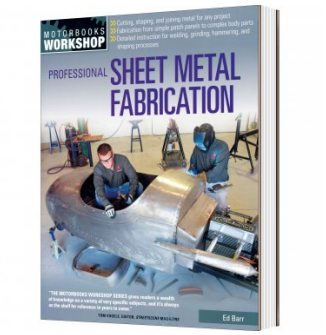
S074
Cutting Tool Lubricant Paste - 500g



L341
Fitting and Machining Technical Book



L3455
Professional Sheet Metal Fabrication Book



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



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Product Brochure For K8714

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



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

