

Product Brochure For K8716D

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

330 x 600mm Turning Capacity

Please Call



ORDER CODE:	K8716D
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	Schools/TAFE AL-1324 DRO & KI
Digital Readout:	Yes
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 ~ 0.468
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):	18 (50 - 2000)
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	580

Features

- Tool room quality precision lathe, Made in Taiwan
- Gear drive headstock for quick change of spindle speeds
- Change gears for metric and imperial thread cutting
- Powered longitudinal and cross feeds
- Dual calibrated dials (except for saddle hand wheel)
- D1-4 camlock spindle for quick and accurate chuck removal
- Enclosed quick action gearbox for thread cutting and auto feeding
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Slide out front swarf tray for easy cleaning
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- Overload clutch mechanism on auto power feed
- Inching button is incorporated on the control panel for convenient spindle speed selection
- 18 spindle speeds (50-2000rpm) - 415V model

Safety Features

- Foot operated spindle brake with safety cut out switch
- Overload protection on drive motor and coolant system
- Leadscrew cover
- Emergency stop switch
- Interlocked safety chuck guard
- Interlocked change gear cover
- Test and tag certificate on 240V lead
- OPTIONAL SAFETY ELECTRICS
- (ES310) Optional Safety Estop - Additional to standard Estop

sales@machineryhouse.com.au
www.machineryhouse.com.au

- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Drive plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres
- Thread chasing dial
- Stand with slide out swarf tray
- Rear splash guard
- Coolant system
- Spanners
- Toolbox
- Operators manual
- (L451) 16mm Turning Tool Kit
- (C294) 0-16mm Industrial Drill Chuck
- (D443A) 3MT x JT3 Drill Chuck Arbor
- (L080) Clamp Type Knurling Tool Holder
- (L073 & L0007) Parting Tool Holder & HSS Blade
- (C052) 3MT Live Centre
- (M002) Steel Machine Mount & Rubber Insert - 500kg Load Capacity (x6)

514600

A	B	C
300	2000	1400
82	550	400
165	1100	770

LOWER SPEED

A	B	C
200	1300	900
50	350	260
100	700	500

CAUTION

NAI LO MASTER
MODEL: AL-1324

ATTENTION
DON'T CHANGE OVER

A	B	C
300	2000	1400
82	550	400
165	1100	770

LOWER SPEED		
A	B	C
200	1300	900
50	350	260
100	700	500

87.6 mph

←

OFF

PITCH

	125	150	175	200
T	U	S	U	S
R	Y	X	Y	Z
S	R	U	S	R
U <td>Y</td> <td>Z</td> <td>Y</td> <td>Z</td>	Y	Z	Y	Z

AD 32.364.0 24.283.0 35.618.7 0
B 16.18.20 24.283.0 35.618.7 0
C 16.18.20 24.283.0 35.618.7 0
D 16.18.20 24.283.0 35.618.7 0

TPI

	240	280	320	360
U	S	T	U	T
X	Y	X	Y	X
Y	X	Y	X	Y
Z	X	Y	X	Y

AD 4.4.4.4 5.5.5.5 6.6.6.7 7
B 8.9.10.11 12.13.14
C 16.18.19.20 22.24.26.28
D 32.36.38.40 44.48.52.56

FEED

	0.125	0.150	0.175	0.200
P	A	B	C	D
Q	A	B	C	D
R	A	B	C	D
S	A	B	C	D

AD 0.544. 0.752. 0.936
B 0.272. 0.376. 0.480
C 0.136. 0.188. 0.234
D 0.068. 0.094. 0.117

Direction

	C	R	L	B
P	A	B	C	D
Q	A	B	C	D
R	A	B	C	D
S	A	B	C	D

AD 0.544. 0.752. 0.936
B 0.272. 0.376. 0.480
C 0.136. 0.188. 0.234
D 0.068. 0.094. 0.117

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Sliding Drip Tray for Swarf Removal



3 Jaw Chuck



Fixed and Travelling Steadies



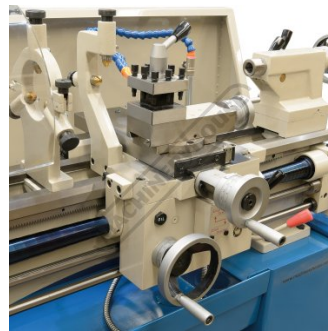
Leadscrew Cover Front



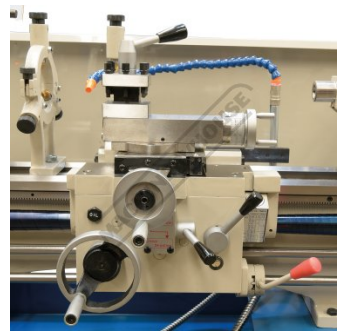
Leadscrew Cover Rear



Coolant Hose



Saddle Left View



Saddle Front View



Saddle Right View



Toolpost



Thread Chasing Dial



Forward Reverse Spindle Lever



Feed Levers



Swivel Compound Slide

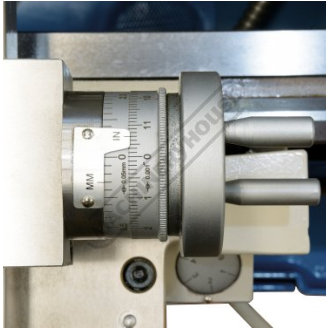


Cross Slide Hand Wheel

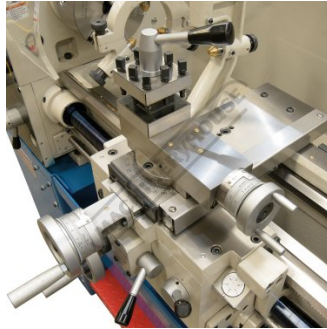


Saddle Hand Wheel

Product Brochure For K8716D



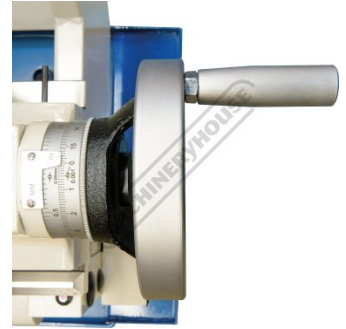
Compound Slide Hand Wheel



Compound Slide



Tailstock



Tailstock Hand Wheel



Tailstock Quill Graduations



Tailstock Horizontal Adjustment



Hardened and Ground Bedways



Bed Drip tray



Hi Low Switch



Toolbox



C052 3MT Live Centre



C294 16mm Keyless Drill Chuck



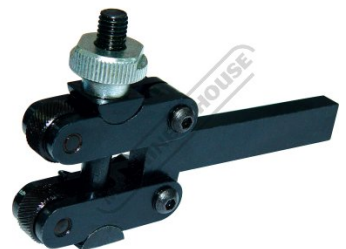
D443A 3MT x JT3 Drill Chuck Arbor



L0007 Part Off Blade High Speed Steel Bit



L073 Parting Tool Holder



L080 Knurling Tool Holder Clamp Type

Product Brochure For K8716D



L451 Lathe Turning Tool Kit 3 piece Insert Type M002 Steel Machine Mount Rubber Insert

Recommended Accessories

ES310

Emergency Stop Switch Plus
Box Type Enclosure



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



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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



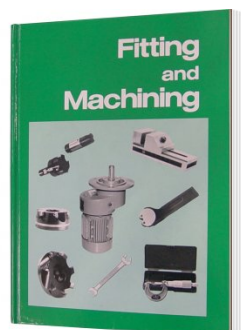
S074

Cutting Tool Lubricant Paste - 500g



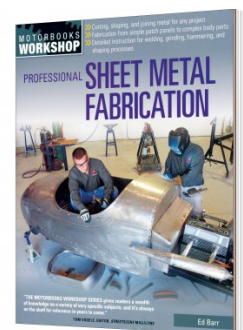
L341

Fitting and Machining Technical Book



L3455

Professional Sheet Metal Fabrication Book



L295

Quick Change Toolpost



L295A

Quick Change Toolpost Holder - Std



L076

Knurling Tool Holder Kit



L277

Vertical Mill Slide



Product Brochure For K8716D

D126

Metric 135° Precision HSS Drill Set - 170 Pieces



D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



C980

5C Collet Lathe Adaptor



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

