Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For K8255

Centre Lathe with Digital Readout - Includes Tooling Package - AL-346 DRO, 240V

Built to School Specifications

NSW DOE Item 32A



ORDER CODE:	K8255
NSW DOE Item No.:	32A
QLD DOE Item No.:	~
MODEL:	Schools/TAFE AL-346 DRO &
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):	181
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):	9 / 82-2000
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	240 / 15
Nett Weight (kg):	660

Description

The AL-346 is proudly manufactured and equipped with all the necessary safety features to meet the standards set by the education department. This machine includes a leadscrew cover, a chuck guard with a micro switch, a micro switch on the side access door, and an emergency foot brake. These advanced safety features make the AL-346 an excellent choice for protecting students as they learn and develop their skills.

Features

- Quality precision lathe
- 2 Axis Digital Readout System
- 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
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- 2HP/240V motor
- 9 spindle speeds
- 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 dials
- Coolant system with flexible hose
- Slide out swarf tray

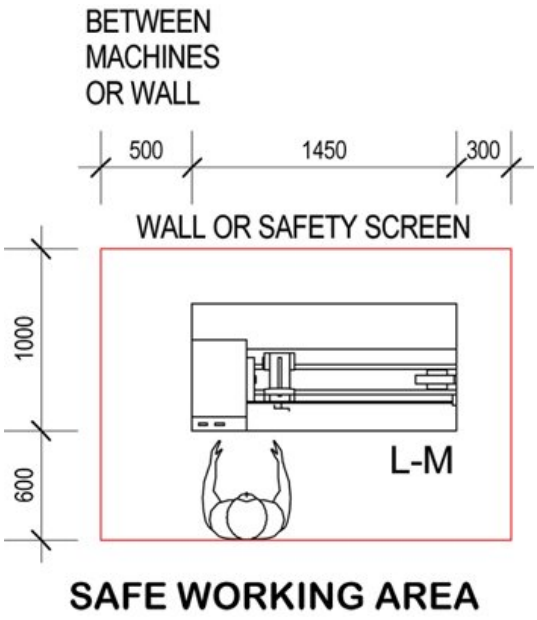
Safety Features

- Foot operated spindle brake with safety cut out switch
- Interlocked safety chuck guard
- Interlocked change gear cover with integrated tool-locking mechanism

- Leadscrew cover ensures swarf not reaching clasp nut
- Emergency stop switch fitted to headstock
- Overload protection on drive motor and coolant system
- Overload clutch mechanism on auto power feed
- Keyed isolation switch - PWD approved
- Test and tag certificate on 240V lead

Includes

- Factory fitted 2-Axis digital readout system
- Ø160mm 3-jaw chuck with reverse jaws - D1-4 mount
- Ø200mm 4-jaw chuck - D1-4 mount
- Ø200mm Drive Plate - D1-4 mount
- Fixed Steady
- Travelling steady
- Dead centre
- Spindle reducing bush
- Thread chasing dial
- Rear splash guard
- LED Worklight
- 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)
- Lathe Carrier 38mm - Bent tail (L081)
- 6 x Machine mounts - 500kg capacity (M002)
- Spanners, toolbox & operators manual



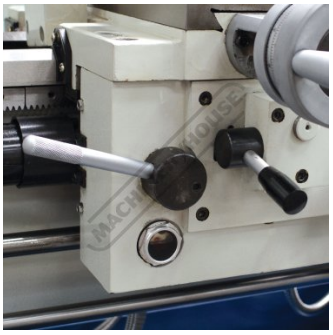
Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For K8255

Specific Features


3 Jaw Chuck and Safety Guard

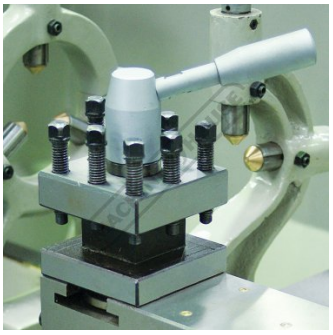

2 Axis Digital Readout


Feed and Screw Cutting Lever

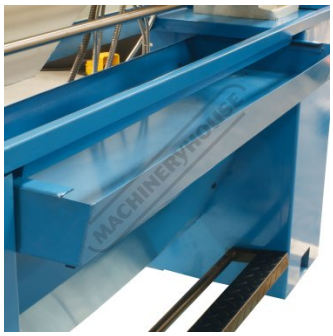

Fixed and Travelling Steadies


Tailstock


Thread Chasing Dial


Toolpost


Leadscrew Covers


Slideout Swarf Tray


Footbrake

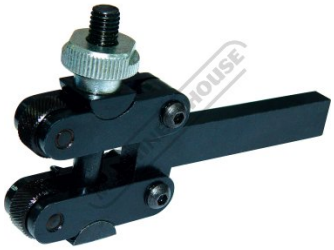

Parting Tool Holder L074


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

Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For K8255



6 x 500kg capacity Machine Mounts M002



Lathe Carrier 38mm Bent Tail L081



Drive Plate



Keyed Switch

Recommended Accessories

A358
Sky Hook Lifting Device



A358A
Chuck Hook



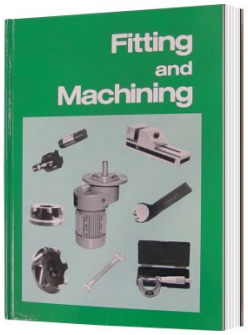
L457
Lathe Threading Tool Kit - Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



L341
Fitting and Machining Technical Book



L295
Quick Change Toolpost



L295A
Quick Change Toolpost Holder - Std



M800
Rubber Mat - Anti-Fatigue

