

Product Brochure For L543D

Centre Lathe - AL-346

Ø330 x 600mm Turning Capacity - Ø40mm Spindle Bore
 16 Geared Head Speeds 70 ~ 2000rpm, Includes Digital Readout System, Leadscrew Covers, Foot Brake & Cabinet Stand



New Release

Ex GST

Inc GST

\$6,590.00

\$7,249.00

ORDER CODE:	L543D
MODEL:	AL-346
Swing Over Bed (mm):	330
Distance Between Centres (mm):	600
Spindle Bore (mm):	40
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	200
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	~
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	12
Centre Height (mm):	165
Spindle Nose Size or Type:	D1-4 Camlock
Bed Width (mm):	181
Headstock Spindle Taper (MT):	5
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	160
Compound Slide Travel (mm):	85
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.013-0.31
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.013-0.31
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	32 (0.4 - 7)
Imperial Thread Steps & TPI (No. / TPI):	36 (4 - 60)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	16 (70 - 2000)
Motor Power (kW / hp):	1.8 / 2.4
Voltage / Amperage (V / amp):	415 / 10
Nett Weight (kg):	560

Features

- 2 Axis digital readout
- Gear drive headstock for quick change of spindle speeds
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Concertina leadscrew cover
- Slide out swarf tray from front of machine
- Low voltage work light
- Foot operated spindle brake with safety cut out switch
- Slide out front swarf tray for easy cleaning
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- 16 spindle speeds from 70 to 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 dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches

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Includes

- 2 Axis digital readout system
- Concertina leadscrew cover
- Slide out front swarf tray
- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Coolant system
- Change gears
- Dead centres
- Thread-chasing dial
- Safety chuck guard
- Work light
- Stand
- Foot brake
- Rear splash guard & slide out swarf tray
- Tool box
- Instruction booklet

Specific Features



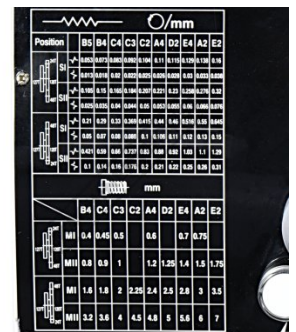
2 Axis Digital Readout



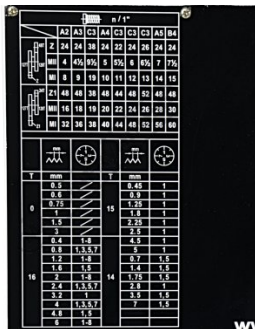
Headstock



Spindle Speeds



Thread Charts 1



Thread Charts 2



Feed and Threading Handles



2 Speed Switch

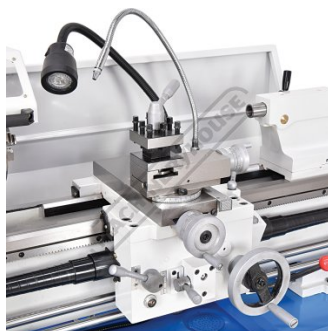


Chuck Guard With Safety Micro Switch

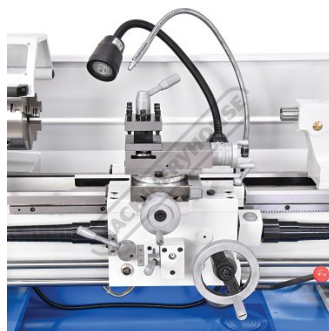
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Leadscrew Covers



Saddle Left View



Saddle Controls



Saddle Right View



Compound Slide



Compound Slide Angle Scale



Thread Chasing Dial



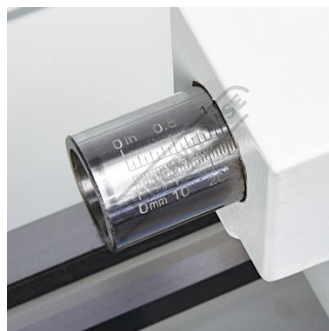
Forward Reverse Spindle Lever



Tailstock



Tailstock Adjustments



Tailstock Graduations



Induction Hardened Bedways



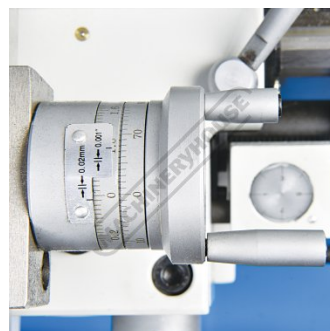
Feed and Threading Engagement Levers



Cross Feed Dial Graduations

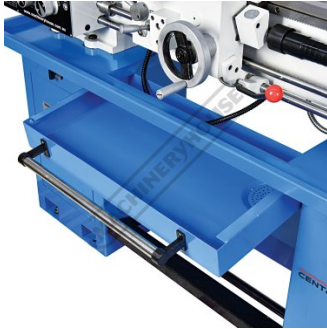


Saddle Hand Wheel Graduations



Compound Slide Dial Graduations

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Pull out Swarf Tray



Footbrake



Parts



Left View



Rear View

Recommended Accessories

M002

Steel Machine Mount & Rubber Insert

L292

Quick Change Toolpost

L295

Quick Change Toolpost

L277

Vertical Mill Slide



Product Brochure For L543D

C980

5C Collet Lathe Adaptor



L015

Right Hand Turning Tool Holder



L016

Left Hand Turning Tool Holder



L0099

Lathe Turning Tool Kit - 7 piece Insert Type



L450

Lathe Turning Tool Kit - 3 piece Insert Type



L456

Lathe Threading Tool Kit - Insert Type



L464

Professional Lathe Parting Tool Kit - Insert Type



L073

Parting Tool Holder - Suits 1/2" HSS Tool Bit



L076

Knurling Tool Holder Kit



C052

3MT Live Centre



C045

3MT Pipe Centre - 70° Cone



C290

Heavy Duty Drill Chuck - Keyed Type



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D443A

3MT x JT3 Drill Chuck Arbor



D1272

Metric 135° Precision HSS Drill Set - 25 Piece



D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



D126

Metric 135° Precision HSS 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



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



G660

Lathe Leadscrew Cover Kit



G659

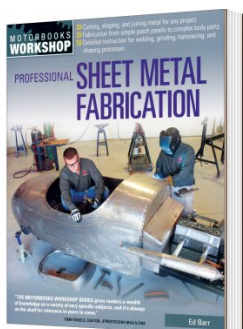
Lathe Leadscrew Cover Kit - Concertina



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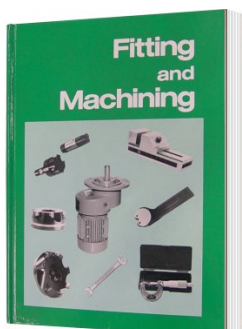
L3455

Professional Sheet Metal
Fabrication Book



L341

Fitting and Machining Technical
Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



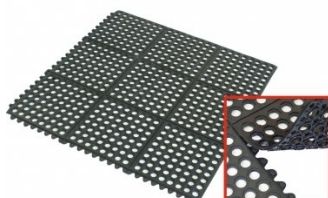
M800

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



O044

Rust & Corrosion Preventive

