

## Product Brochure For L543D

### Centre Lathe - AL-346

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



**On Sale - Back In Stock Soon**

Ex GST

Inc GST

**\$8,162.00**

**\$9,386.30**

**\$7,900.00**

**\$9,085.00**

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

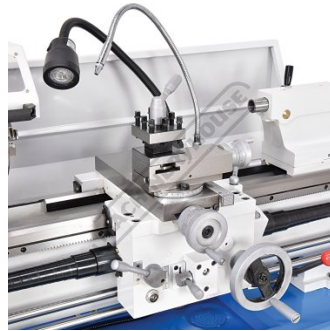
- 2 Axis digital readout
- Gear drive headstock for quick change of spindle speeds
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Concertina leadscrew cover
- Slide out swarf tray from front of machine
- Low voltage work light
- Foot operated spindle brake with safety 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



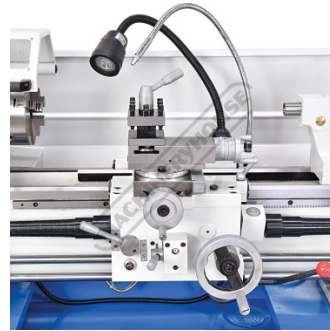
Product Brochure For L543D



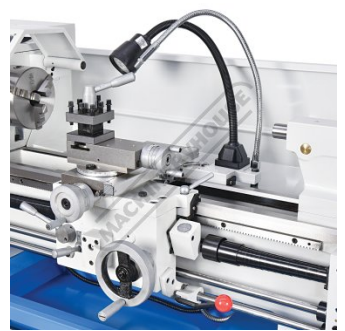
Leadscrew Covers



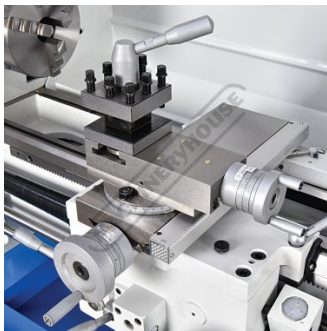
Saddle Left View



Saddle Controls



Saddle Right View



Compound Slide



Compound Slide Angle Scale



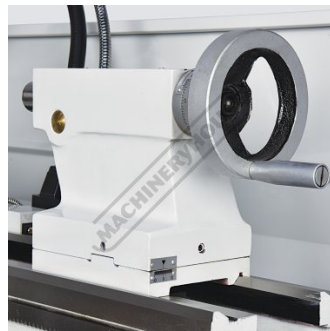
Thread Chasing Dial



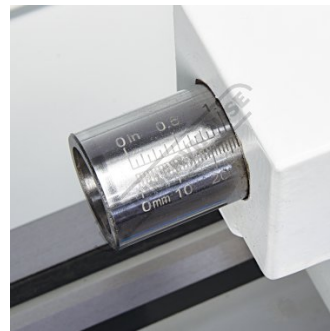
Forward Reverse Spindle Lever



Tailstock



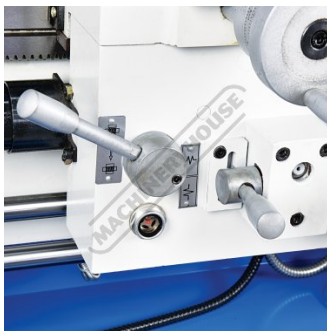
Tailstock Adjustments



Tailstock Graduations



Induction Hardened Bedways



Feed and Threading Engagement Levers



Cross Feed Dial Graduations

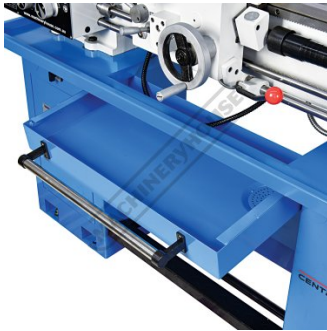


Saddle Hand Wheel Graduations



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



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**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



Product Brochure For L543D

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



S074  
Cutting Tool Lubricant Paste - 500g



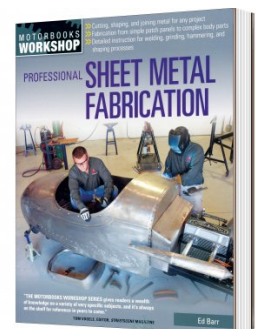
G660  
Lathe Leadscrew Cover Kit



G659  
Lathe Leadscrew Cover Kit - Concertina

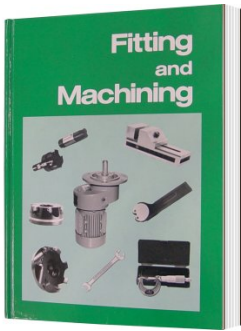


L3455  
Professional Sheet Metal Fabrication Book



Product Brochure For L543D

L341  
Fitting and Machining Technical Book



L345  
Handy Workshop Tips & Techniques - 1st Edition



L300  
Magnetic Swarf Remover



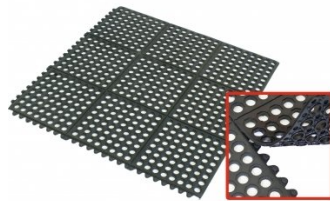
M9991  
Magnetic Floor Sweeper



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

