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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



On Sale - New Release

	Ex GST	Inc GST
	~~$6,590.00~~	~~$7,249.00~~
	$6,350.00	$6,985.00

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

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

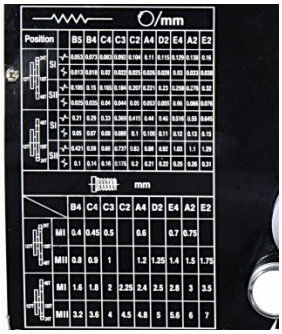
Specific Features

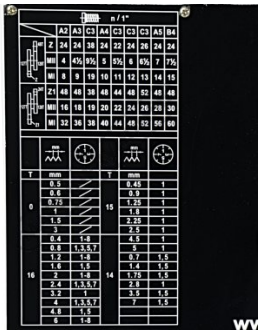

2 Axis Digital Readout


Headstock



Spindle Speeds


Thread Charts 1


Thread Charts 2


Feed and Threading Handles

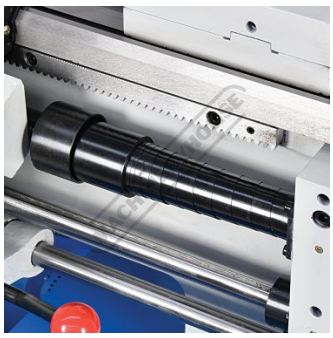


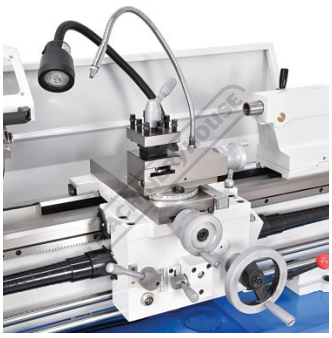
2 Speed Switch

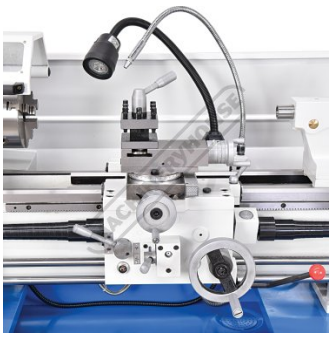

Chuck Guard With Safety Micro Switch

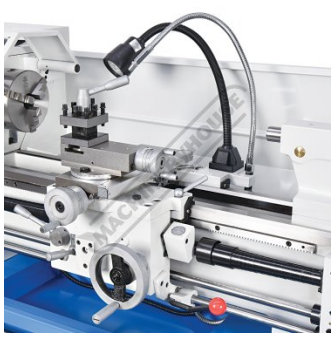
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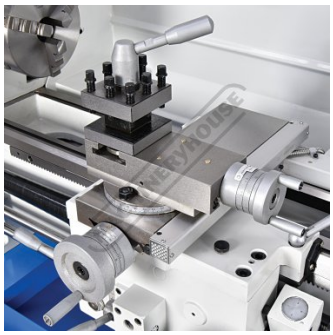
Product Brochure For L543D


Leadscrew Covers


Saddle Left View


Saddle Controls


Saddle Right View


Compound Slide

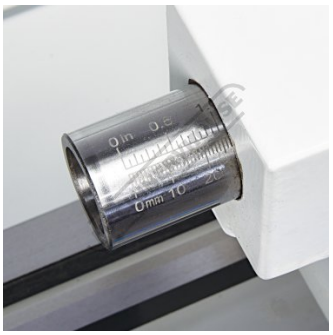

Compound Slide Angle Scale


Thread Chasing Dial


Forward Reverse Spindle Lever

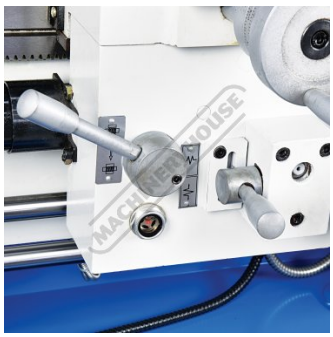

Tailstock


Tailstock Adjustments


Tailstock Graduations

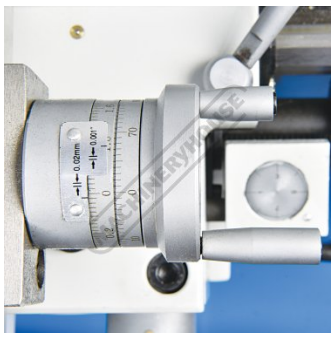


Induction Hardened Bedways


Feed and Threading Engagment Levers

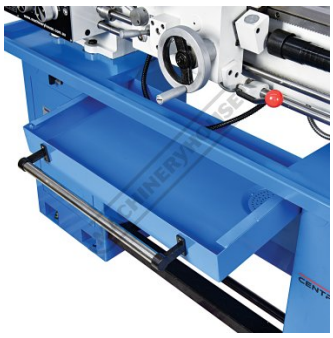

Cross Feed Dial Graduations


Saddle Hand Wheel Graduations


Compound Slide Dial Graduations

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Product Brochure For L543D



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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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 - 70º Cone



C290
Heavy Duty Drill Chuck - Keyed Type



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Product Brochure For L543D

D443A
3MT x JT3 Drill Chuck Arbor



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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



D126
Metric 135º Precision HSS M35 COBALT 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



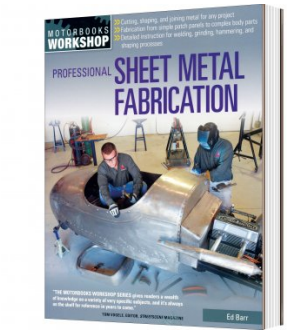
G659
Lathe Leadscrew Cover Kit - Concertina



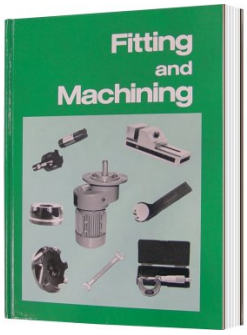
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Product Brochure For L543D

L3455
Professional Sheet Metal Fabrication Book



L341
Fitting and Machining Technical Book



L300
Magnetic Swarf Remover



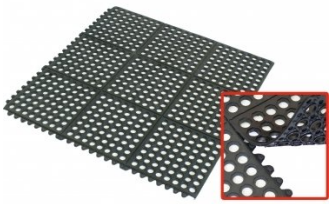
M9991
Magnetic Floor Sweeper



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

