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Product Brochure For L555D

Centre Lathe - AL-346V

Ø330 x 1000mm Turning Capacity - Ø40mm Spindle Bore
Includes Digital Readout System, Quick Change Toolpost & Electronic Variable Speed With Digital Display

Back In Stock Soon

Ex GST	Inc GST
$8,772.00	$10,087.80



ORDER CODE:	L555D
MODEL:	AL-346V
Swing Over Bed (mm):	330
Distance Between Centres (mm):	1000
Spindle Bore (mm):	40
Swing In Gap (mm):	450
Swing Over Cross-slide (mm):	200
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	16
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):	0.053 - 1.29
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):	Variable (70 - 2000)
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	610

Features

- 2 Axis digital readout system
- Quick change toolpost with 4 holders
- Concertina leadscrew cover
- Electronic infinitely variable inverter spindle speed with digital display
- Gear drive headstock for quick change of spindle speeds
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Adjustable spindle bore bar support mechanism
- Slide out swarf tray with handle
- Headstock protection rubber matt
- Low voltage LED work light
- Foot operated cut out safety switch for electric motor
- 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
- 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

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- Removable gap bed-way for larger diameter jobs
- Dual calibrated dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches
- Coolant system with flexible hose

Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- Slide out front swarf tray
- Quick change tool-post with 4 holders
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres
- Thread-chasing dial
- LED work light
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

Specific Features


Left View


Variable Speed Control with Digital Speed Display

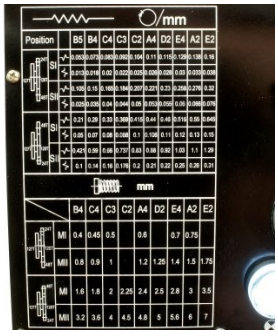

2 Axis Digital Readout

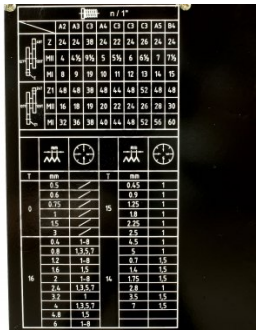


Headstock Contols



Spindle Speed High Low Lever


Metric Feed and Thread Chart


Imperial Thread Chart and Metric Thread Chasing Table

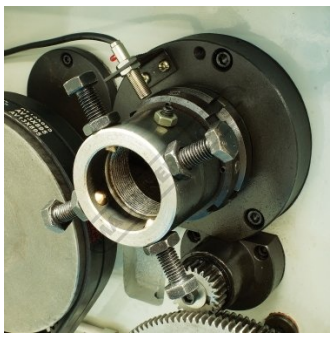

Feed and Thread Gearbox

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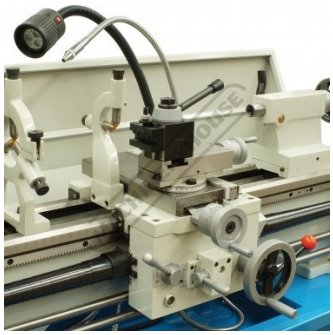
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Safety Chuck Guard

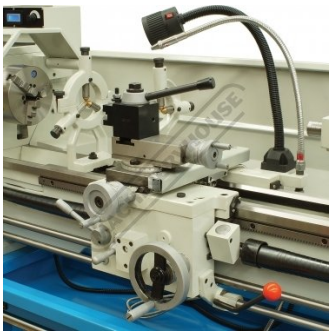

40mm Spindle Bore with Material Support System


160mm 3 Jaw Chuck

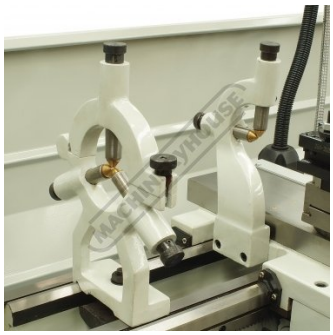

Quick Change Toolpost with 4 Holders

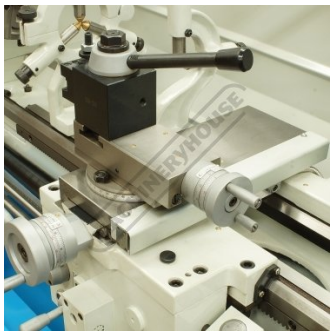

Saddle Left View

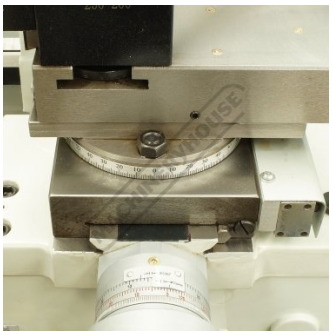

Saddle Front View

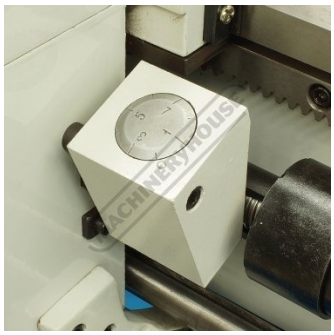

Saddle Right View


Worklight and Coolant Hose

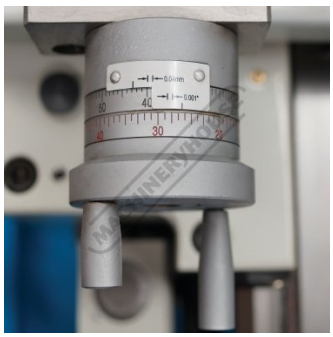

Fixed and Travelling Steadies


Compound Slide


Swivel Compound Slide


Thread Chasing Dial


Foward Reverse Spindle Lever


Cross Slide Hand Wheel


Compound Slide Hand Wheel

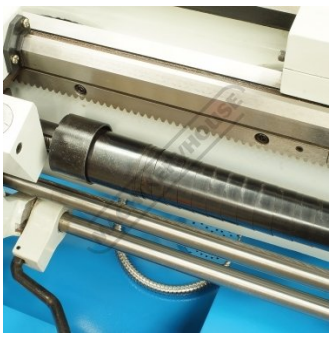

Saddle Hand Wheel

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Feed & Thread Engagement Levers

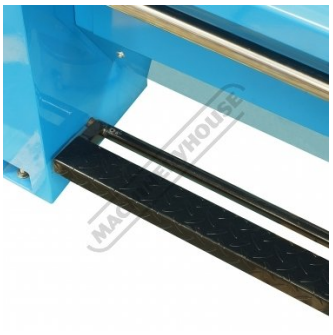

Leadscew Covers


Tailstock


Tailstock Quill


Tailstock Hand Wheel


Tailstock Horizontal Adjustment


Footbrake


Slide Out Swarf Tray


Induction Hardened Bedways

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Product Brochure For L555D

Recommended Accessories

M002
Steel Machine Mount & Rubber Insert



C980
5C Collet Lathe Adaptor



L277
Vertical Mill Slide



L017
Right Hand Turning Tool Holder



L018
Left Hand Turning Tool Holder



L044
Right Hand Turning Tool Holder



L045
Left Hand Turning Tool Holder



L0077
Lathe Turning Tool Kit - 7 piece Insert Type



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Product Brochure For L555D

L451
Lathe Turning Tool Kit - 3 piece Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



L457
Lathe Threading Tool Kit - Insert Type



L076
Knurling Tool Holder Kit



C052
3MT Live Centre



C045
3MT Pipe Centre - 70º Cone



C290
Heavy Duty Drill Chuck - Keyed Type



C294
Industrial Drill Chuck - Keyless Type



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



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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



S074
Cutting Tool Lubricant Paste - 500g



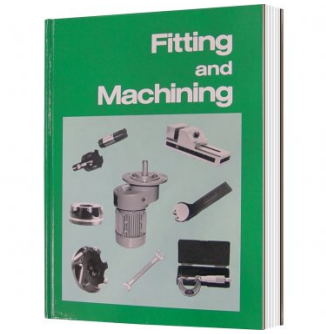
G660
Lathe Leadscrew Cover Kit



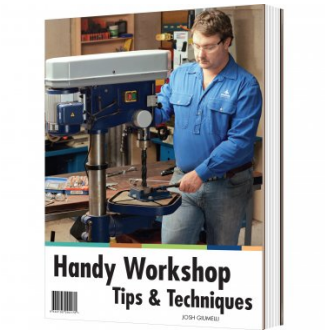
G659
Lathe Leadscrew Cover Kit - Concertina



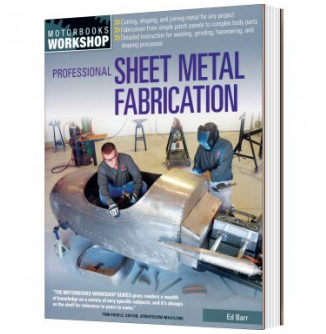
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



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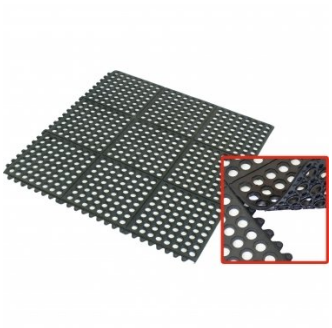
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Product Brochure For L555D

M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

