Auckland: (09) 2717 234
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Product Brochure For L565D

Centre Lathe - AL-356V

Ø356 x 1000mm Turning Capacity - Ø51mm Spindle Bore
Includes Digital Readout System, Quick Change Toolpost & Electronic Variable Speed With Digital Readout

Back In Stock Soon

Ex GST	Inc GST
$10,724.00	$12,332.60



ORDER CODE:	L565D
MODEL:	AL-356V
Swing Over Bed (mm):	356
Distance Between Centres (mm):	1000
Spindle Bore (mm):	51
Swing In Gap (mm):	476
Swing Over Cross-slide (mm):	224
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):	178
Spindle Nose Size or Type:	D1-5 Camlock
Bed Width (mm):	187
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	160
Compound Slide Travel (mm):	68
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.022 - 0.298
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.078 - 1.044
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	36 (0.45 - 10)
Imperial Thread Steps & TPI (No. / TPI):	20 (2-1/4 - 40)
3 Jaw Chuck Diameter (mm):	200
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	Variable (40 - 1800)
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	650

Features

- 2 Axis digital readout system
- Quick change toolpost with 4 holders
- Concertina leadscrew cover
- Electronic infinitely variable inverter spindle speed with digital readout
- 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
- 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
- D1-5 camlock spindle for quick chuck changes and safe reverse-direction turning. ISO standard
  Removable gap bed-way for larger diameter jobs

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- Dual calibrated dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches
- Coolant system with flexible hose
- Low voltage LED work light
- Slide out swarf tray

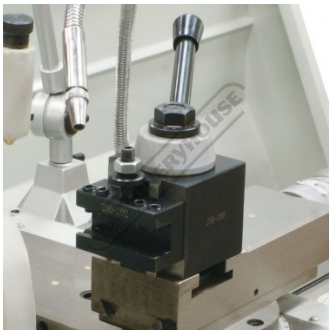
Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- Slide out front swarf tray
- Quick change tool-post with 4 holders
- 200mm 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
- Stand
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

Specific Features



2 Axis Digital Readout



Quick Change Toolpost



Headstock Controls



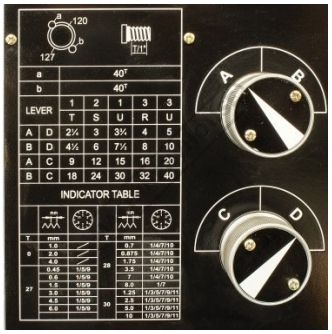
Spindle Speed Controls



Longitudinal and Cross Feed Chart And Metric Thread Chart



Gearbox Feed Controls



Imperial Thread Chart and Indictor Table



Digital Spindle Speed Readout

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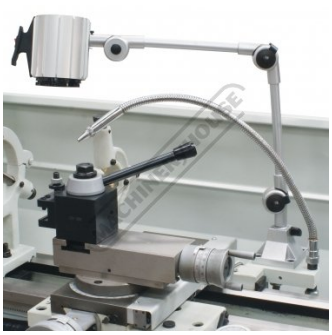

Rubber Matt Protector


3 Jaw Chuck and Safety Guard


Spindle Bore Bar Support


Adjustable Bar Support Mechanism


Fixed and Travelling Steadies

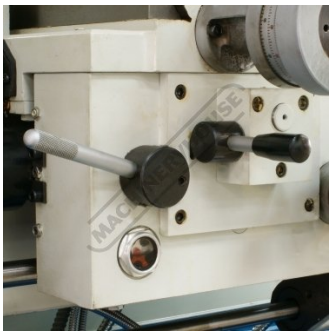

LED Work Light and Coolant Hose


Thread Chasing Dial

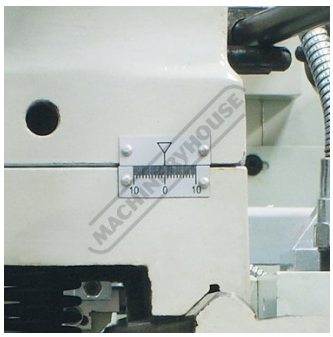

Swivel Compound Table


Cross Feed Handwheel

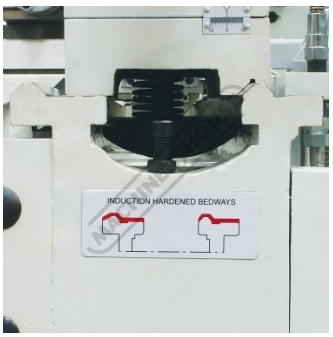

Saddle Feed Handwheel


Automatic Feed and Thread Cutting Levers

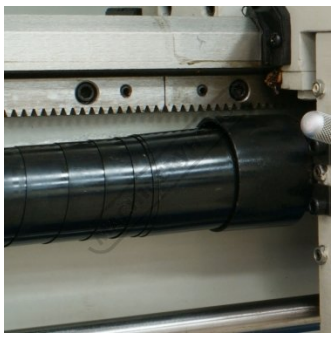

Tailstock


Adjustable Tailstock


Tail Stock Feed Handwheel



Induction Hardened Bed Ways


Leadscrew Covers

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Slide Out Swarf Tray



Inverter Drive

Recommended Accessories

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



L451
Lathe Turning Tool Kit - 3 piece Insert Type



L465
Professional Lathe Parting Tool Kit - Insert Type



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L457
Lathe Threading Tool Kit - Insert Type



L076
Knurling Tool Holder Kit



C054
4MT Live Centre



C046
4MT Pipe Centre - 70º Cone



C290
Heavy Duty Drill Chuck - Keyed Type



C294
Industrial Drill Chuck - Keyless Type



D454A
4MT 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



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S076
Cutting Tool Lubricant Fluid - 500ml



S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S074
Cutting Tool Lubricant Paste - 500g



S091
Soluble Metal Cutting Fluid - 20 Litre



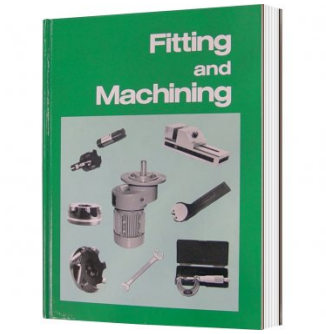
G659
Lathe Leadscrew Cover Kit - Concertina



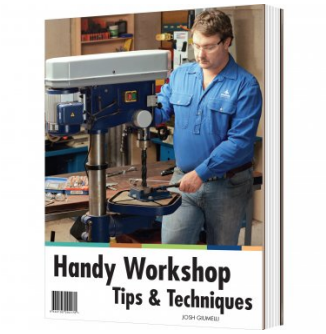
G660
Lathe Leadscrew Cover Kit



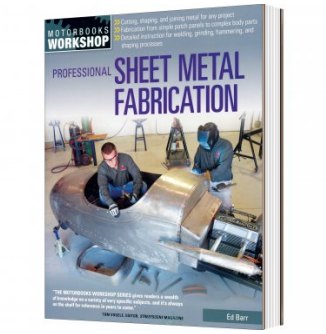
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue

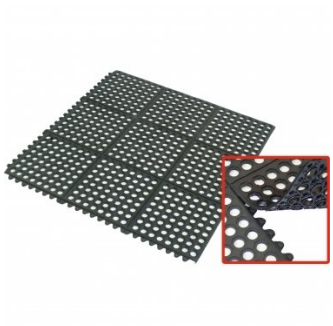


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M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

