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Product Brochure For L245VS

Centre Lathe - AL-1440V

Ø356 x 1000mm Turning Capacity - Ø51mm Spindle Bore
Includes Digital Readout System & Electronic Variable Speed With Digital Speed Display

Coming Soon

Ex GST	Inc GST
$15,950.00	$17,545.00



ORDER CODE:	L245VS
MODEL:	AL-1440V
Swing Over Bed (mm):	356
Distance Between Centres (mm):	1000
Spindle Bore (mm):	51
Swing In Gap (mm):	516
Swing Over Cross-slide (mm):	225
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	Optional
Coolant System:	Yes
Tool Height To Suit (mm):	16
Centre Height (mm):	178
Spindle Nose Size or Type:	D1-5 Camlock
Bed Width (mm):	230
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	175
Compound Slide Travel (mm):	100
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.033 - 0.467
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.066 - 0.935
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	32 (0.4 - 7.0)
Imperial Thread Steps & TPI (No. / TPI):	32 (4 - 56)
3 Jaw Chuck Diameter (mm):	200
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	Variable (30 - 2200)
Motor Power (kW / hp):	3.75 / 5
Voltage / Amperage (V / amp):	240 / 15
Nett Weight (kg):	840

Description

Toolroom-quality precision lathe, made in Taiwan by the same manufacturer as the renowned AL-960B & AL-1000C/D models.

Features

- Yasakawa Electric Varispeed high-performance, Low-noise, Inverter drive
- Variable speed 30-2200rpm with high/low speed selector
- Nachi Japanese made, adjustable taper roller bearings support the spindle
- 51mm spindle bore
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- One piece heavy steel fabricated stand
- Chuck guard with safety micro switch cut out
- Foot operated spindle brake with safety cut out switch
- 230mm wide induction hardened heavy duty cast iron bed
- Removable gap bed-way for larger diameter jobs
- Powered longitudinal and cross feeds
- Overload clutch mechanism on auto power feed
- Dual calibrated dials (except for saddle hand wheel)
  Enclosed quick action gearbox for thread cutting and auto feeding

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- Inching button is incorporated on the control panel
- Coolant system with flexible hose
- Oil sight glass for head stock and gearbox
- Change gears for metric and imperial thread cutting
- D1-5 camlock spindle for quick chuck removal
- Overload protection on drive motor and coolant system
- 3.75kw-5HP - 240V 3 Phase motor (runs on 15amp - 240V power)
- Emergency stop switches fitted to headstock and tailstock plinth

Includes

- 2 axis digital readout system
- 200mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- 4-Way toolpost
- Fixed steady
- Travelling steady
- Telescopic leadscrew cover
- Change gears
- Dead centres
- Thread-chasing dial
- Safety chuck guard
- Stand
- Foot brake
- Rear splash guard
- Tool box
- Instruction booklet

Specific Features

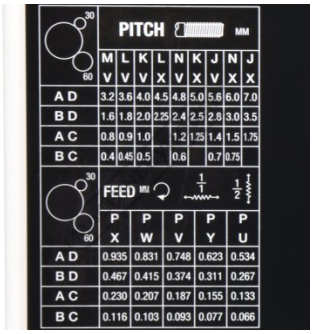

3 Axis Digital Readout



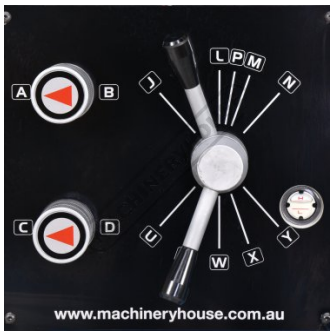
Headstock Controls



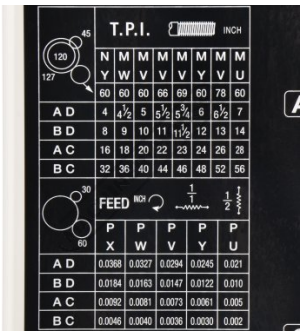
Control Panel



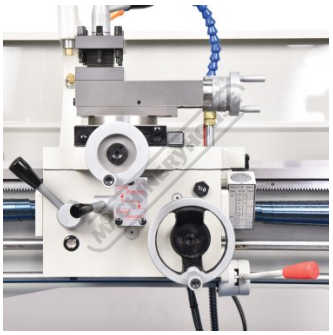
Feed Charts

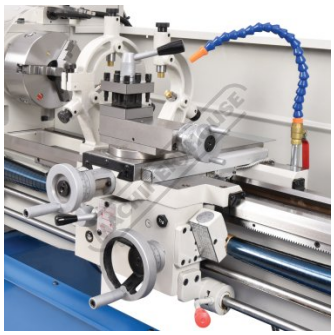


Feeds and Threads Gearbox Levers



Thread Charts


Saddle Controls


Saddle Right View

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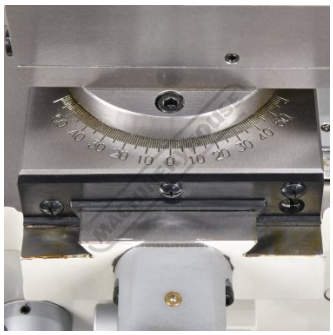
Thread Chasing Dial


Thread Engagement Lever


Spindle Engagement Lever


3 Point Fixed Steady


2 Point Travelling Steady


Swivel Compound Slide


Compound Slide with 4 Way Toolpost


Compound Slide Dial Graduations


Cross Slide Feed Dial Graduations


Saddle Hand Wheel


Flexible Coolant Hose


3 Jaw Camlock Chuck


Safety Chuck Guard


Tailstock


Tailstock Hand Wheel Dial Graduations

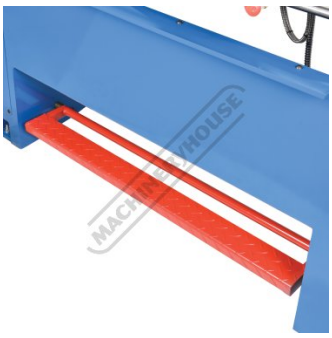

Tailstock Offset Adjustment

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Product Brochure For L245VS



Hardened and Ground Bedways


Foot Brake


Toolbox with Accessories


Change Gear Train


Front View


Left View


Left Side View


Rear View


Rear Left View

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Recommended Accessories

M002
Steel Machine Mount & Rubber Insert



L258
Taper Turning Attachment



C980
5C Collet Lathe Adaptor



L277
Vertical Mill Slide



L295
Quick Change Toolpost



L017
Right Hand Turning Tool Holder



L018
Left Hand Turning Tool Holder



L044
Right Hand Turning Tool Holder



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Product Brochure For L245VS

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



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



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Product Brochure For L245VS

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



S091
Soluble Metal Cutting Fluid - 20 Litre



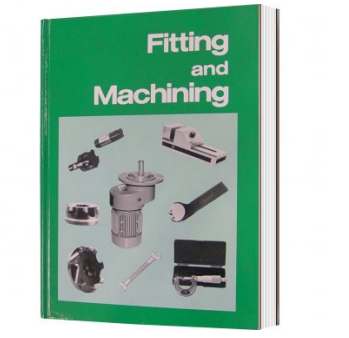
G660
Lathe Leadscrew Cover Kit



G659
Lathe Leadscrew Cover Kit - Concertina



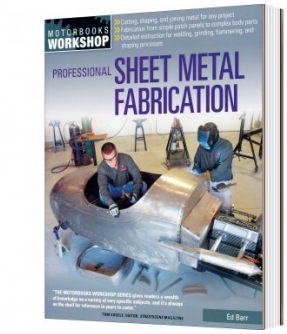
L341
Fitting and Machining Technical Book



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Product Brochure For L245VS

L3455
Professional Sheet Metal Fabrication 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

