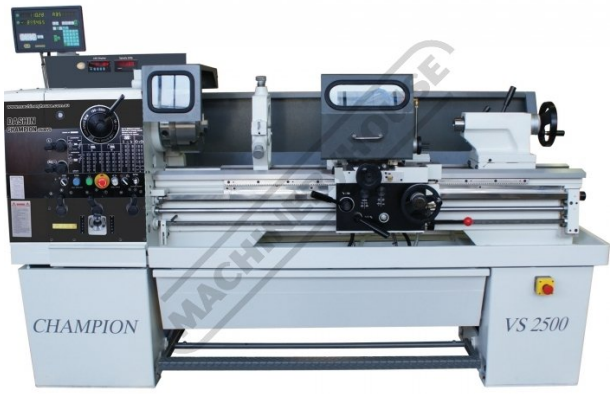
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Product Brochure For L252VST

Champion 1530VS Centre Lathe - with Digital Readout System - Schools / TAFE

390 x 760mm Turning Capacity
Includes Digital Readout System, Variable Spindle Speed & (CSS)
Constant Surface Speed System



ORDER CODE:	L252VST
NSW DOE Item No.:	~
QLD DOE Item No.:	~
MODEL:	Schools/TAFE Champion
Digital Readout:	Yes
Tool To Suit (mm):	25
Distance Between Centres (mm):	760
Swing Over Bed (mm):	390
Swing Over Gap (mm):	~
Swing Over Cross-slide (mm):	240
Centre Height (mm):	190
Spindle Bore (mm):	Ø54
Camlock Spindle Size:	D1-6
Bed Width (mm):	270
Head Stock Spindle Taper (MT):	6
Tail Stock Taper (MT):	4
Cross Slide Travel (mm):	230
Compound Slide Travel (mm):	120
Lead Screw:	Metric
Cross Feed (mm/rev):	0.02 - 0.5
Longitudinal Feed (mm/rev):	0.040 - 1.00
Metric Thread Range (No. / mm):	39 (0.2 - 14)
Imperial Thread Range (No. / TPI):	45 (2 - 72)
3 Jaw Chuck Diameter (mm):	Ø250
4 Jaw Chuck Diameter (mm):	Ø250
Spindle Steps/speeds (No. / RPM):	Variable / 18-2500
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1500

JESCO

Made in Taiwan

1 YEAR WARRANTY

NO PLUG 415V

Description

Manufactured in Taiwan, Jesco has been producing high-quality center lathes for over 30 years. As an OEM manufacturer for a leading British lathe brand, Jesco is renowned for its exceptional craftsmanship and reliability.

The Variable Speed Champion lathe offers a spindle speed of up to 2500 RPM and features a constant surface speed function (CSS) that adjusts the spindle speed automatically to maintain a constant cutting speed between the tool and the workpiece surface. It is especially useful for achieving consistent finishes and efficient cutting during operations like turning, facing, or tapering.

Designed with operator safety in mind, it includes features such as leadscrew covers, chuck and chip guards, an emergency stop switch, and a convenient footbrake. Additionally, all models can be specially ordered with premium digital readout systems from brands like Fagor, Easson, Carmar, Heidenhain, Sony, Mitutoyo, and Measumax.

Features

- 2 axis digital readout system
- Schneider Electric Varispeed high-performance, Low-noise, Inverter drive
- Variable Speed 18-2500rpm with high/low speed selector
- Foot operated electromagnetic spindle brake for safety
- Constant surface speed cutting - Allows for auto acceleration of the spindle when facing or reducing diameters
- Noise levels below 80dba
- Precision Taiwanese machine, sold for over 34 years
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- Chuck guard with safety micro switch cut out
- Sliding toolpost guard deflects swarf into tray
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- Inching button incorporated on the control panel for convenient spindle speed selection
- Foot operated spindle brake with safety cut out switch
- 270mm wide induction hardened heavy duty cast iron bed
- Powered longitudinal and cross feeds
  Clutch in apron enabling pressure adjustment for feeding in both axis

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Product Brochure For L252VST

- Metric calibrated dials incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil sight glass for head stock and gearbox
- Lubrication pump on saddle oiling slides
- Change gears for metric and imperial thread cutting
- D1-6 camlock spindle for quick chuck removal
- Large 54mm spindle bore
- 5.5kW / 7.5HP 415V main motor

Includes

- 250mm 3-jaw chuck with reverse jaws
- 250mm 4-jaw chuck
- Fixed Steady with roller bearings
- Travelling steady with roller bearings
- Chuck guard
- Travelling toolpost guard
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

Specific Features


Chuck guard with safety micro switch cut out



2 Axis digital readout system



Constant Surface Speed Digital Readout



Speed Digital Readout



Headstock controls



Speed Control Lever



Feed Lever


Toolpost

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Product Brochure For L252VST


Sliding toolpost guard deflects swarf into tray-Closed

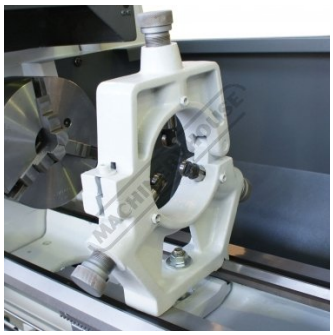

Sliding toolpost guard deflects swarf into tray-Open


Heavy duty tailstock

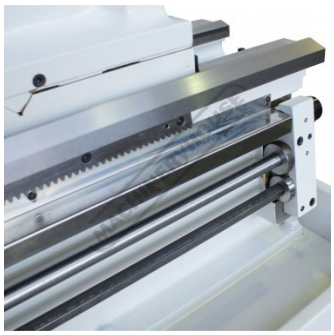


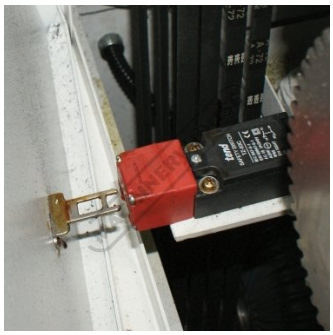
Slide out tray for easy cleaning


2 Point Steady


3 Point Steady


Bed


Leadscrew covers


Safety Micro to Belt Cover

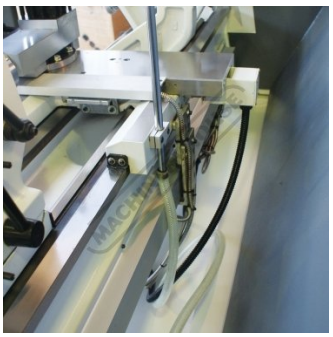

Coolant Nozzle


Compound Slide


Cross Slide Handle


Saddle Handle

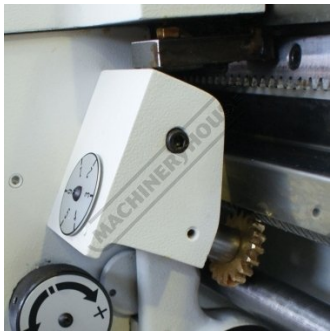

Electro Magnetic Disc Brake

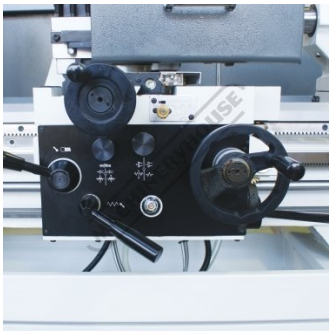

Scale for DRO

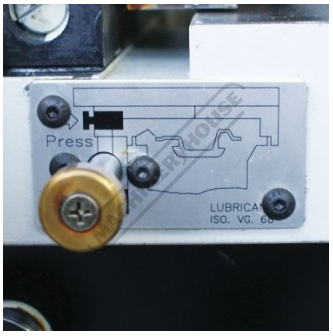

Adjustable Feed Torque Clutch

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Product Brochure For L252VST


Thread Chasing Dial

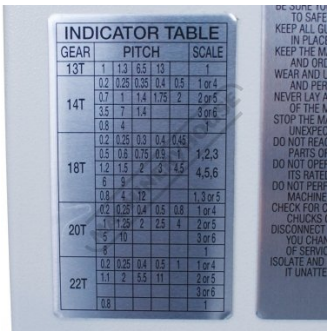

Saddle controls



Lubrication pump for slide


Mechanical Foot Brake


Leadscrew Covers



Indicator Table



Feed Chart and Levers

Recommended Accessories

L453
Lathe Turning Tool Kit - 3 piece Insert Type



L459
Lathe Threading Tool Kit - Insert Type



L467
Professional Lathe Parting Tool Kit - Insert Type



C054
4MT Live Centre



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Product Brochure For L252VST

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



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



C294
Industrial Drill Chuck - Keyless Type



D454A
4MT x JT3 Drill Chuck Arbor



D119
Metric 2MT HSS Drill Set



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Product Brochure For L252VST

D424
Drill Sleeve - Morse Taper



D422
Drill Sleeve - Morse Taper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue

