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Product Brochure For L252VS

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



JESCO Made in Taiwan 1 YEAR WARRANTY NO PLUG 415V

Please Call

ORDER CODE:	L252VS
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

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
- 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

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- Powered longitudinal and cross feeds
- Clutch in apron enabling pressure adjustment for feeding in both axis
- Metric calibrated dials with clearly marked 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
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

Optional Accessories

- Toolpost Safety Guard

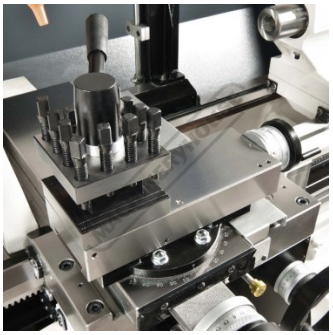
Specific Features



Low View



Headstock Controls


Toolpost



Speed Digital Readout and CSS Display



DRO


Thread Chasing Dial


Chuck Guard with Safety Micro Switch


3 Point Fixed Steady

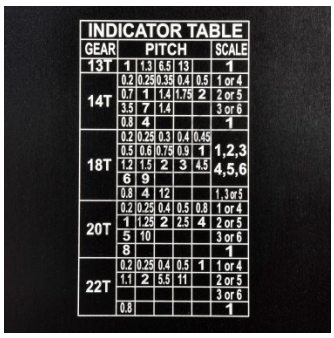
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3 Point Travelling Steady


Heavy Duty Tailstock


Slide Out Tray



Indicator Table


Adustable Light Coolant Nozzle



One Shot Lubrication


Optional Saddle Safety Guard


Optioal Saddle Safety Guard

Recommended Accessories

A358
Sky Hook Lifting Device

A358A
Chuck Hook

L453
Lathe Turning Tool Kit - 3 piece Insert Type

L459
Lathe Threading Tool Kit - Insert Type









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Product Brochure For L252VS

L467
Professional Lathe Parting Tool Kit - Insert Type



C054
4MT Live Centre



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



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D454A
4MT x JT3 Drill Chuck Arbor



D119
Metric 2MT HSS Drill Set



D424
Drill Sleeve - Morse Taper



D422
Drill Sleeve - Morse Taper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue

