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Product Brochure For L255VS

Centre Lathe - CHAMPION 1550VS

Ø390 x 1250mm Turning Capacity - Ø55mm Spindle Bore
Includes Digital Readout System, Variable Spindle Speed & (CSS) Constant Surface Speed System

Ex GST	Inc GST
$38,450.00	$42,295.00



JESCO Made in Taiwan 1 YEAR WARRANTY NO PLUG 415V

ORDER CODE:	L255VS
MODEL:	DASHIN CHAMPION 2500
Swing Over Bed (mm):	390
Distance Between Centres (mm):	1250
Spindle Bore (mm):	55
Swing In Gap (mm):	610
Swing Over Cross-slide (mm):	240
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	20
Centre Height (mm):	190
Spindle Nose Size or Type:	D1-6
Bed Width (mm):	270
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	230
Compound Slide Travel (mm):	120
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.02 - 0.5
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.040 - 1.00
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	39(0.2 - 14)
Imperial Thread Steps & TPI (No. / TPI):	45(2 - 72)
3 Jaw Chuck Diameter (mm):	230
4 Jaw Chuck Diameter (mm):	250
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
- Constant surface speed cutting - Allows for auto acceleration of the spindle when facing or reducing diameters
- Electronic variable speed system 18-2500rpm, with high/low speed selector - low noise emissions below 80dba
- Foot operated electromagnetic spindle brake for safety
- Feed shaft fitted with torque limiting safety clutch
- Precision Taiwanese machine, sold for over 45 years
- Adjustable taper roller bearings providing spindle accuracy

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- 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
- Removable gap bed allowing work piece to swing up to 610mm
- 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

Includes

- 230mm 3-jaw "Steel Body" 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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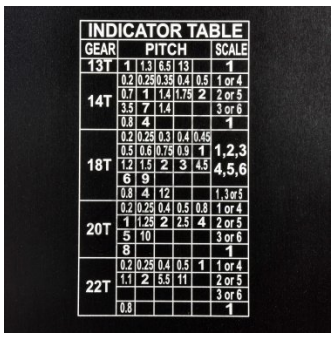
3 Point Travelling Steady



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

L046
Right Hand Turning Tool Holder

L047
Left Hand Turning Tool Holder

L039
Right Hand Turning Tool Holder

L040
Left Hand Turning Tool Holder









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Product Brochure For L255VS

L452
Lathe Turning Tool Kit - 3 piece Insert Type



L458
Lathe Threading Tool Kit - Insert Type



L466
Professional Lathe Parting Tool Kit - Insert Type



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



D424
Drill Sleeve - Morse Taper



D422
Drill Sleeve - Morse Taper



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



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Product Brochure For L255VS

D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



D119
Metric 2MT HSS Drill Set



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



G662
Lathe Leadscrew Cover Kit



A358
Sky Hook Lifting Device



A358A
Chuck Hook



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Product Brochure For L255VS

L300
Magnetic Swarf Remover



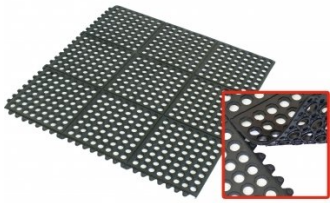
M9991
Magnetic Floor Sweeper



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

