

Product Brochure For L254D

Centre Lathe - CHAMPION 1550

Ø390 x 1250mm Turning Capacity - Ø55mm Spindle Bore
 Includes Digital Readout System



JESCO



Ex GST **Inc GST**
\$32,250.00 **\$35,475.00**

ORDER CODE:	L254D
MODEL:	DASHIN CHAMPION 1550
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):	195
Spindle Nose Size or Type:	D1-6 Camlock
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 - 0.50
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):	40(2 - 72)
3 Jaw Chuck Diameter (mm):	232
4 Jaw Chuck Diameter (mm):	250
Spindle Steps / Speeds (No. / rpm):	16 (25 - 2000)
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 the OEM manufacturer for a prominent British lathe brand, Jesco ensures exceptional craftsmanship and reliability.

The Champion model stands out with its geometric progression gear speed selector, ensuring effortless and precise speed adjustments. This all-inclusive lathe package is equipped with essential features to deliver precise, high-quality metal parts, making it the trusted choice for professionals who demand excellence in metal turning.

Features

- 2 Axis digital readout system
- Precision Taiwanese machine, sold for over 45 years
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- 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

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- Dual calibrated dials incorporating metric & imperial graduations on Cross and Compound Dials
- 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
- 16 spindle speeds from 25-2000rpm in geometric progression
- Large 55mm spindle bore
- 5.5kW / 7.5HP 415V main motor

Includes

- 2 Axis digital readout system
- 232mm 3-jaw chuck with reverse jaws
- 250mm 4-jaw chuck
- Leadscrew cover
- Face plate
- Fixed steady
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Rear splash guard
- Spindle reducing bush

Specific Features



Front View



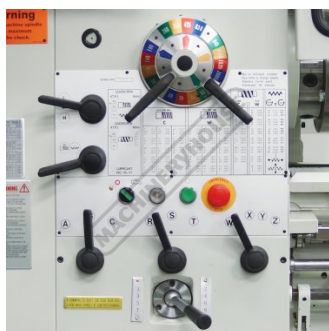
Left View



DRO



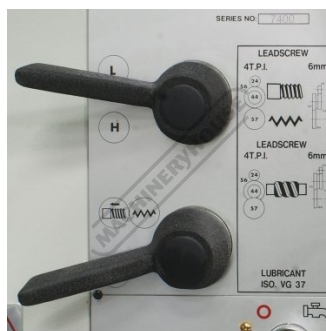
Headstock



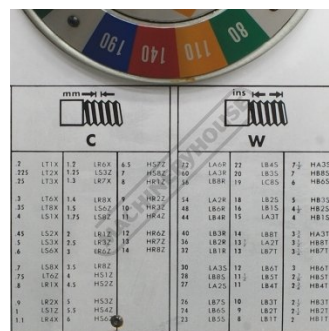
Headstock Levers



Spindle Speed Levers

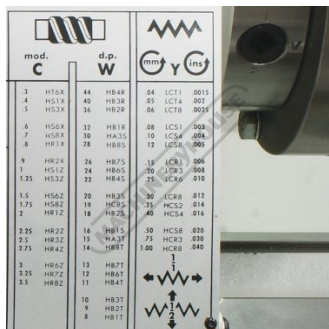


Leadscrew Levers



Thread Charts

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mod.	C	d.p.	W
3	H10X	44	H84R
4	H11X	40	H13R
5	H13X	36	H18R
6	H16X	32	H24R
7	H18X	30	H30R
8	H21X	28	H36R
9	H24X	26	H42R
10	H27X	24	H48R
12	H33X	20	H58R
15	H42X	16	H75R
18	H51X	14	H90R
20	H58X	12	H100R
24	H71X	10	H120R
30	H90X	8	H150R
36	H108X	7	H180R
42	H127X	6	H210R
48	H146X	5	H240R
54	H165X	4.5	H270R
60	H184X	4	H300R
66	H203X	3.5	H330R
72	H222X	3	H360R
78	H241X	2.5	H390R
84	H260X	2	H420R
90	H279X	1.5	H450R
96	H298X	1.25	H480R
102	H317X	1	H510R
108	H336X	0.75	H540R
114	H355X	0.6	H570R
120	H374X	0.5	H600R

Charts



Feed Levers



GEAR	PITCH	SCALE
13T	1 1.5 6.5 13	1
14T	0.7 1 1.4 1.75 2 2.5 3 3.5 7 14	1 or 4
18T	0.2 0.25 0.3 0.4 0.5 0.6 0.75 0.8 1 1.2 1.5 2 2.5 3 4 5 4.5 6	1 or 4
20T	0.2 0.25 0.3 0.4 0.5 0.6 0.75 0.8 1 1.2 1.5 2 2.5 3 4 5 4.5 6	1 or 4
22T	0.2 0.25 0.3 0.4 0.5 0.6 0.75 0.8 1 1.2 1.5 2 2.5 3 4 5 4.5 6	1 or 4

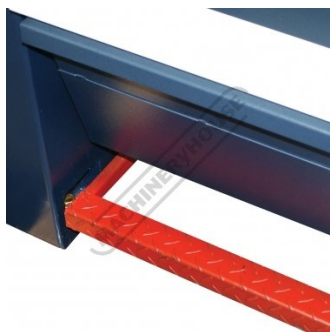
Indicator Table



Safety Chuck Guard



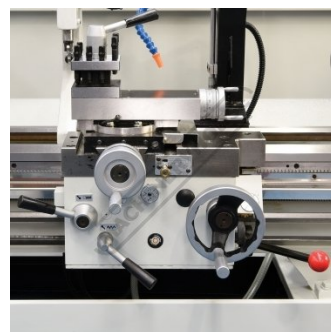
3 Jaw Chuck



Foot Brake



Slide Out Chip Tray



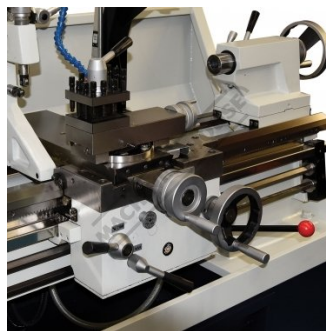
Saddle Controls



Saddle Right View



Coolant Nozzle and Work Light



Saddle Left View



Leadscrew Covers



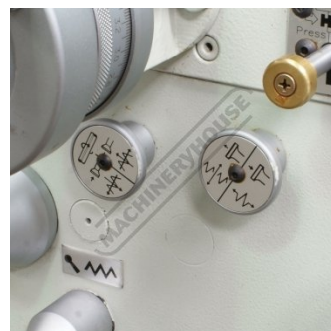
Spindle Engagement Lever



Thread Chasing Dial



One Shot Lubrication



Feed Engagement Dials

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Crossfeed Dial-Dual Calibrated



Saddle Hand Wheel



Compound Slide Dial - Dual Calibrated



Swivel Compound Slide



Toolpost



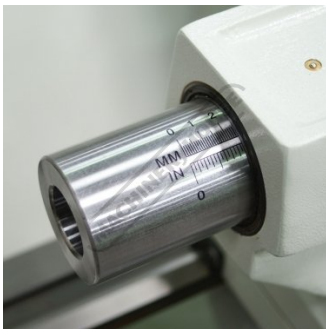
2 Point Travelling Steady



3 Point Fixed Steady



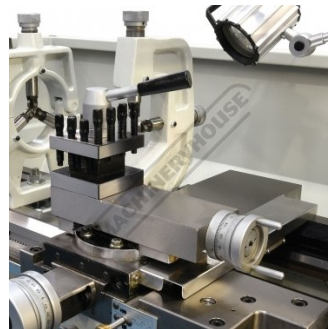
Tailstock



Tailstock Quill



Tailstock Handle



Compound Slide



Induction Hardened Cast Iron Bed

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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



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



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C046

4MT Pipe Centre - 70° 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 135° Precision HSS Drill Set - 25 Piece



D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



D126

Metric 135° Precision HSS Drill Set - 170 Pieces



D119

Metric 2MT HSS Drill Set



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



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



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



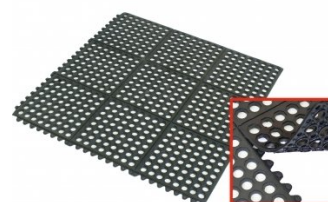
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



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O000

SpillFix Universal Organic
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

