

Product Brochure For L254D

CHAMPION 1550 - Centre Lathe

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



JESCO



On Sale

Ex GST

Inc GST

\$32,984.00

\$37,931.60

\$32,000.00

\$36,800.00

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

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- 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
- 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



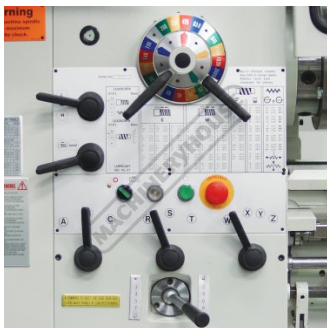
Left View



DRO



Headstock



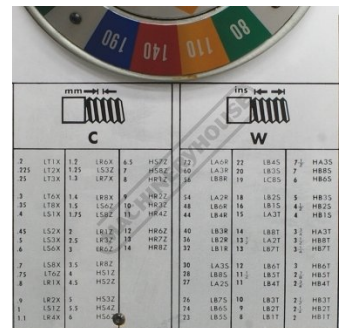
Headstock Levers



Spindle Speed Levers



Leadscrew Levers



Thread Charts

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mod.	c	d.p.	w	mm	ins
3	HT5X	44	HB4R	84	LCT1 8015
4	HS1X	40	HB3R	85	LCT14 8027
5	HS3X	36	HB2R	86	LCT8 8035
6	HS5X	32	HB1R	88	LCS1 809
7	HS8X	30	HA35	10	LCS4 208
8	HS1X	28	HB0	12	LCS4 809
9	HR2X	26	HB75	15	LCS1 806
10	HS12	24	HB05	20	LCS1 808
1.25	HS32	22	HB45	25	LCS6 819
1.5	HS42	20	HB35	30	LCS6 812
1.75	HS82	19	HCB5	35	HCS2 814
2	HR12	18	HCB5	40	HCS4 814
2.25	HR22	18	HCS5	40	HCS5 830
2.5	HR32	15	HAD37	75	HCR3 830
2.75	HR42	14	HBT	800	HCS8 840
3	HR62	13	HR77		
3.25	HR72	12	HR67		
3.5	HR82	11	HB47		
4	HR102	10	HR37		
4.5	HR122	9	HR27		
5	HR142	8	HR17		

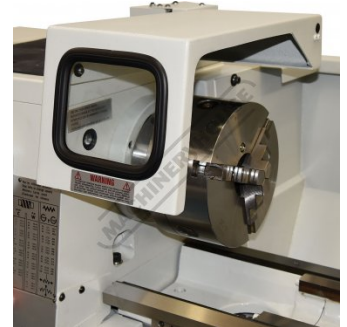
Charts



Feed Levers

GEAR	PITCH	SCALE
13T	1 1.5 2 3 4 5 6 7 8 9 10 11 12 13	1
14T	0.2 0.25 0.3 0.4 0.5 1 1.2 1.5 2 2.5 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 25 28 30 32 36 40 45 48 50 55 60 65 70 75 80 85 90 95 100	1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 9 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10
18T	1.2 1.5 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 25 28 30 32 36 40 45 48 50 55 60 65 70 75 80 85 90 95 100	1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 9 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10
20T	1 1.2 1.5 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 25 28 30 32 36 40 45 48 50 55 60 65 70 75 80 85 90 95 100	1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 9 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10
22T	1 1.2 1.5 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 25 28 30 32 36 40 45 48 50 55 60 65 70 75 80 85 90 95 100	1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 9 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10

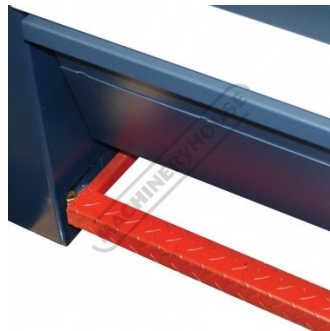
Indicator Table



Safety Chuck Guard



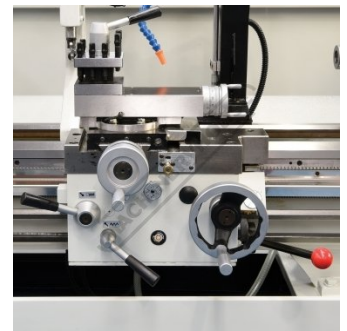
3 Jaw Chuck



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

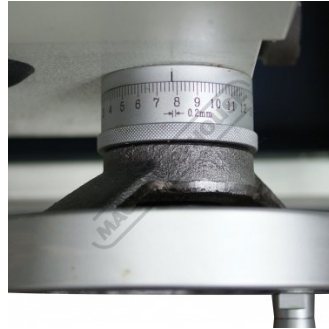


Feed Engagement Dials

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Crossfeed Dial-Dual Calibrated



Saddle Hand Wheel



Compound Slide Dial - Dual Calibrated



Swivel Compound Slide



Toolpost



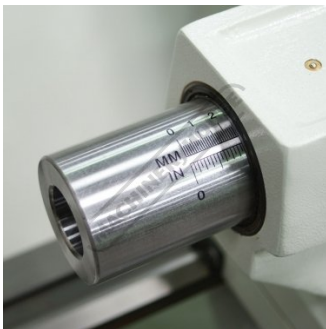
2 Point Travelling Steady



3 Point Fixed Steady



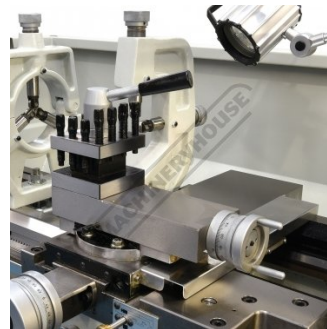
Tailstock



Tailstock Quill



Tailstock Handle



Compound Slide



Induction Hardened Cast Iron Bed

Product Brochure For L254D

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 Precision HSS Drill Set - 25 Piece



D1282
Imperial Precision HSS Drill Set - 29 Piece



D126
Metric 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



Product Brochure For L254D

S076
Cutting Tool Lubricant Fluid - 500ml



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



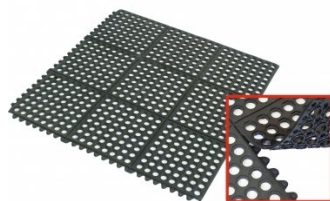
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive - Penetrant & Lubricant



O042
General Purpose Lubricant & Corrosion Inhibitor



Product Brochure For L254D

O044

Rust & Corrosion Preventive -
Penetrant & Lubrication

