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Product Brochure For L608D

Centre Lathe - CL-510

Ø510 x 1000mm Turning Capacity - Ø80mm Spindle Bore
Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L608D
MODEL:	CL-510
Swing Over Bed (mm):	510
Distance Between Centres (mm):	1000
Spindle Bore (mm):	80
Swing In Gap (mm):	715
Swing Over Cross-slide (mm):	300
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	Yes
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	255
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	300
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	295
Compound Slide Travel (mm):	125
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.014-0.784
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.031-1.70
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	41 (0.1 - 14)
Imperial Thread Steps & TPI (No. / TPI):	60 (2 - 112)
3 Jaw Chuck Diameter (mm):	250
4 Jaw Chuck Diameter (mm):	320
Spindle Steps / Speeds (No. / rpm):	12 (25 - 1600)
Motor Power (kW / hp):	7.5 / 10
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2185

Features

- 2 axis digital readout syste
- Quick change toolpost
- Taper turning attachment fitted to saddle
- Triple bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- One piece cast iron base increases rigidity
- 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
- 300mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing workpiece to swing up to 715mm
- Chuck guard fitted with safety micro switch
- Powered longitudinal and cross feeds
- Adjustable 5 position length-stop mechanism for accurate repetitive operation
- Micro adjustable saddle stop
- Dual calibrated cross feed dial incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil level sight glass for headstock and gearbox
- Lubrication pump on saddle oiling slides
  Low voltage halogen work light

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- D1-8 camlock spindle for quick chuck removal
- 12 spindle speeds from 25-1700rpm
- Large 80mm spindle bore
- 7.5kW / 10HP 415V main motor

Includes

- 2 axis digital readout system
- Taper turning attachment
- Quick change toolpost
- Concertina leadscrew covers
- 250mm 3-jaw chuck with reverse jaws
- 350mm 4-jaw chuck
- 350mm face plate
- Fixed steady with roller bearings
- Travelling steady with brass guides
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- LED Work light
- Rear splash guard
- Spindle reducing bush

Specific Features



Front View


2 Axis Digital Readout System


Safety Chuck Guard



Speed Selection Levers and Feed Levers



Feed Chart



Feed Levers

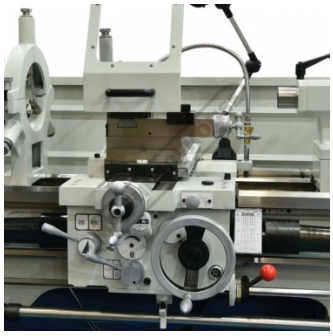

Removable Gap Bedway


Hardened and Ground Bed

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Saddle Front View


LED Worklight and Coolant Hose


Taper Turning Attachment

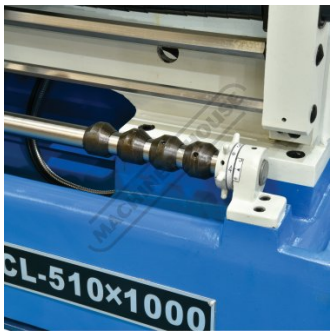

Fixed Steady with Roller Bearings


Travelling Steady with Brass Guides

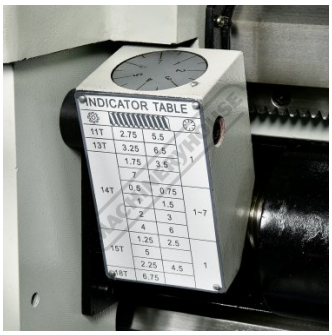

Leadscrew Cover


Quick Change Toolpost


Saddle Safety Guard



4 Position Adjustable Length Stop



Thread Chasing Dial


Saddle Controls


Saddle Dial


Compound Slide Dial with Dual Graduations


Cross Feed Dial with Dual Graduations


Tailstock


Tailstock Quill Graduations

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Tailstock Dial With Dual Graduations

Recommended Accessories

L048
Right Hand Turning Tool Holder



L049
Left Hand Turning Tool Holder



L041
Right Hand Turning Tool Holder



L042
Left Hand Turning Tool Holder



L453
Lathe Turning Tool Kit - 3 piece Insert Type



L459
Lathe Threading Tool Kit - Insert Type



L467
Professional Lathe Parting Tool Kit - Insert Type



C046
4MT Pipe Centre - 70º Cone



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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



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



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S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S074
Cutting Tool Lubricant Paste - 500g



S091
Soluble Metal Cutting Fluid - 20 Litre



G660
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



O042
General Purpose Lubricant & Corrosion Inhibitor



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Product Brochure For L608D

O044

Rust & Corrosion Preventive

