

## Product Brochure For L625D

### Centre Lathe - CL-68A

Ø510 x 1500mm Turning Capacity - Ø80mm Spindle Bore  
Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L625D
MODEL:	CL-68A
Swing Over Bed (mm):	510
Distance Between Centres (mm):	1500
Spindle Bore (mm):	80
Swing In Gap (mm):	735
Swing Over Cross-slide (mm):	305
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):	350
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	316
Compound Slide Travel (mm):	130
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.020 - 0.573
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.059 - 1.646
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	41 (0.2 - 14)
Imperial Thread Steps & TPI (No. / TPI):	60 (2 - 112)
3 Jaw Chuck Diameter (mm):	315
4 Jaw Chuck Diameter (mm):	350
Spindle Steps / Speeds (No. / rpm):	12 (25 - 1600)
Motor Power (kW / hp):	7.5 / 10
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2700

### Features

- 2 axis digital readout system
- 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
- 350mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 735mm
- Chuck guard fitted with safety micro switch
- Powered longitudinal and cross feeds
- Adjustable 4 position length-stop mechanism for accurate repetitive operation
- Micro adjustable saddle stop
- Dual calibrated dials incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil sight glass for head stock and gearbox
- Low voltage halogen work light
- Lubrication pump on saddle oiling slides

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- D1-8 camlock spindle for quick chuck removal
- 12 spindle speeds from 25-1600rpm
- Large 80mm spindle bore
- 7.5kW / 10HP 415V main motor

### Includes

- 2 axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- Concertina leadscrew covers
- 315mm 3-jaw chuck with reverse jaws
- 350mm 4-jaw chuck
- Faceplate
- Fixed Steady with roller bearings
- Travelling steady with brass guides
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Rear splash guard
- Spindle reducing bush

### Specific Features



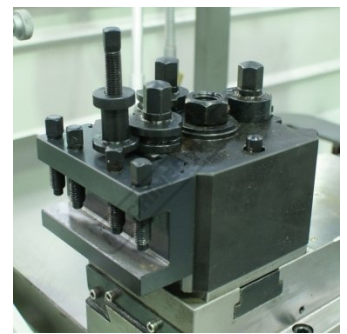
Chuck Guard with Micro



Chuck



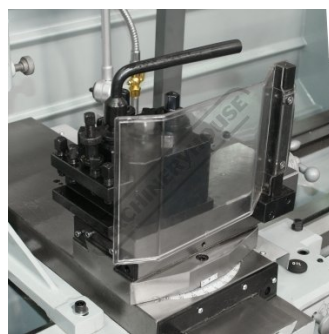
Digital Read Out



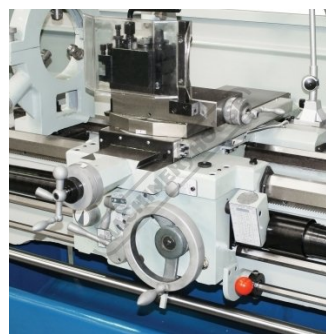
Quick Change Toolpost



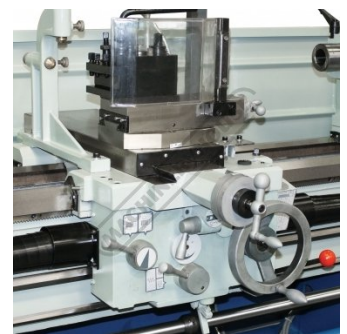
Quick Change Toolpost Rear View



Toolpost Safety Guard

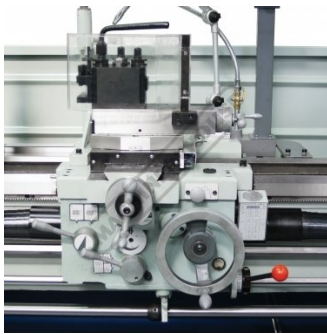


Saddle Right View

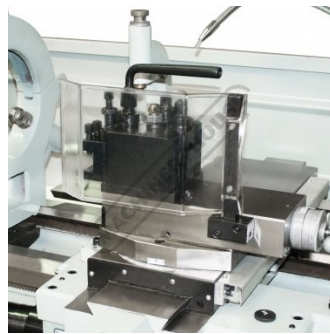


Saddle Left View

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Saddle Controls



Compound Slide



Headstock Speed Controls



Headstock Feed Controls



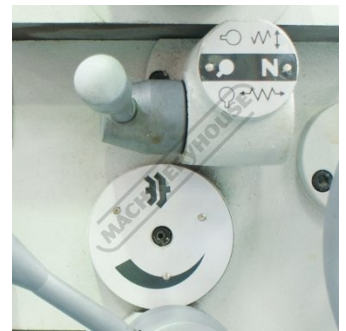
One Shot Lubrication



Cross Feed Handle



Saddle Hand Wheel



Clutch Feed adjustment



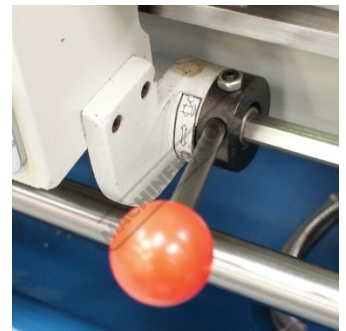
Compound Slide Angle Scale



Saddle Stop



Thread Chasing Dial



Spindle Engagement Lever



Taper Turning Attachment



Taper Turning Attachment Scale



Light and Coolant Hose



Removable Gab Bed

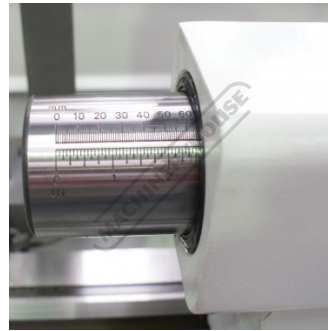
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3 Point Steady



Tailstock



Tailstock Quill Scale



Tailstock Hand Wheel



Footbrake



Ajustable Feed Knockout



Feed Chart

**Recommended Accessories**

L296

Quick Change Toolpost

L048

Right Hand Turning Tool Holder

L049

Left Hand Turning Tool Holder

L041

Right Hand Turning Tool Holder



Product Brochure For L625D

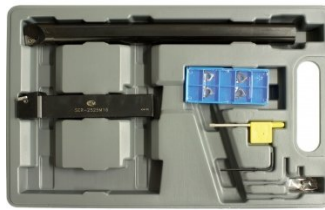
**L042**  
Left Hand Turning Tool Holder



**L453**  
Lathe Turning Tool Kit - 3 piece Insert Type



**L459**  
Lathe Threading Tool Kit - Insert Type



**L467**  
Professional Lathe Parting Tool Kit - Insert Type



**C047**  
5MT Pipe Centre - 70° Cone



**C290**  
Heavy Duty Drill Chuck - Keyed Type



**C294**  
Industrial Drill Chuck - Keyless Type



**D454A**  
4MT x JT3 Drill Chuck Arbor



**D425**  
Drill Sleeve - Morse Taper



**D424**  
Drill Sleeve - Morse Taper



**D422**  
Drill Sleeve - Morse Taper



**D1272**  
Metric 135° Precision HSS Drill Set - 25 Piece



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**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



**S076**  
Cutting Tool Lubricant Fluid - 500ml



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



**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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L300  
Magnetic Swarf Remover



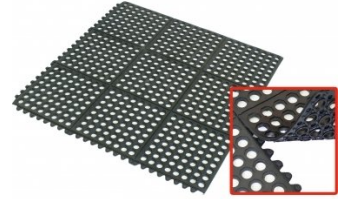
M9991  
Magnetic Floor Sweeper



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

