

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



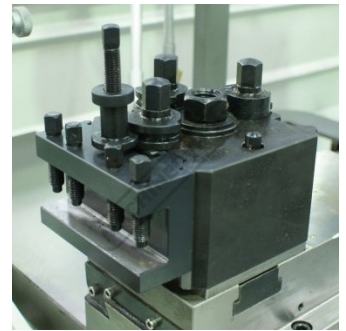
Chuck Guard with Micro



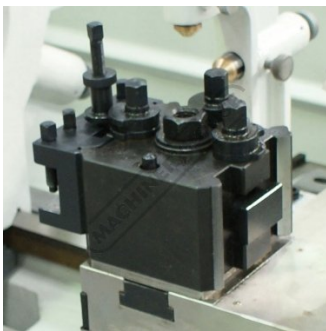
Chuck



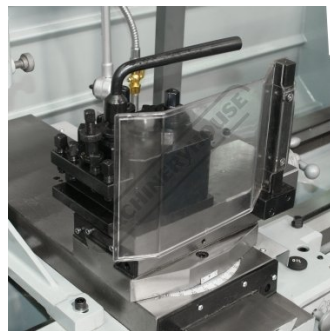
Digital Read Out



Quick Change Toolpost



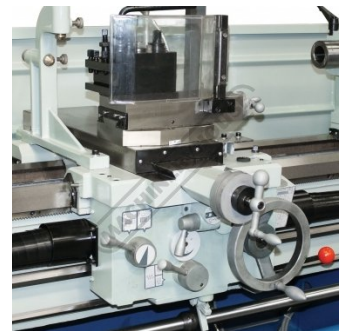
Quick Change Toolpost Rear View



Toolpost Safety Guard

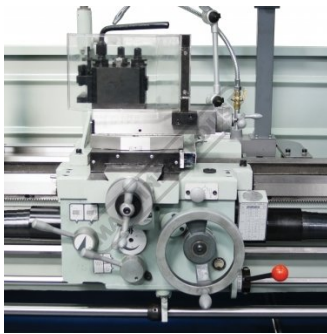


Saddle Right View

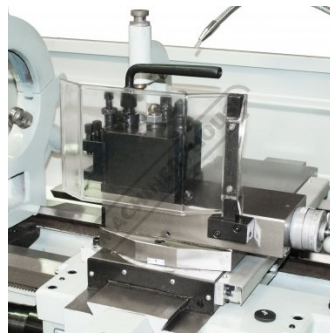


Saddle Left View

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Saddle Controls



Compound Slide



Headstock Speed Controls



Headstock Feed Controls



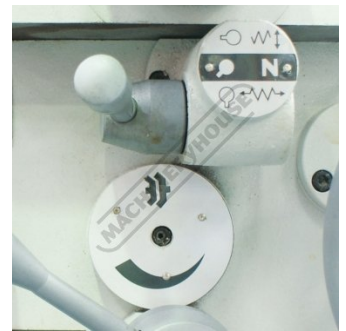
One Shot Lubrication



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

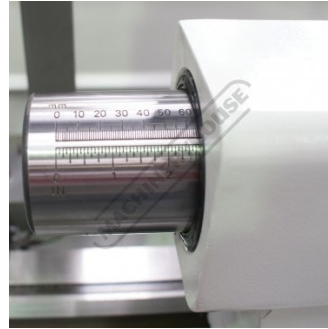
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3 Point Steady



Tailstock



Tailstock Quill Scale



Tailstock Hand Wheel



Footbrake



Adjustable 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



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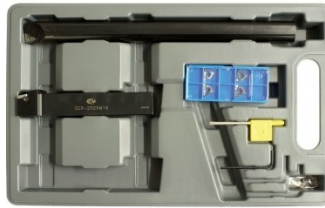
L042
 Left Hand Turning Tool Holder



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



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



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A358A
 Chuck Hook



L300
 Magnetic Swarf Remover



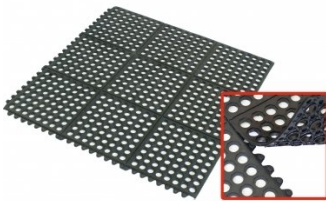
M9991
 Magnetic Floor Sweeper



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

