Auckland: (09) 2717 234
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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

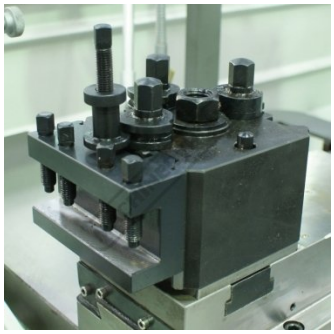
- 2 axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- Concertina leadscrew covers
- 315mm 3-jaw chuck with reverse jaws
- 350mm 4-jaw chuck
- Faceplate
- Fixed Steady with roller bearings
- Travelling steady with brass guides
- Dead centres
- Thread chasing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

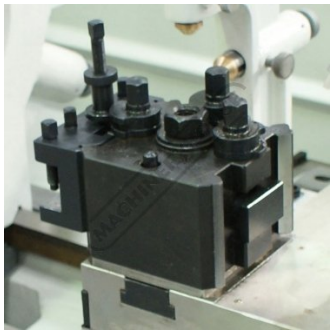
Specific Features

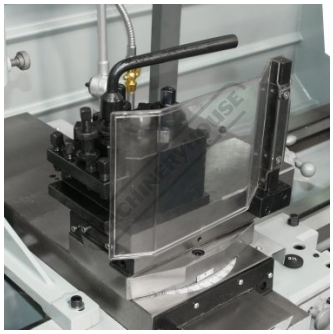

Chuck Guard with Micro

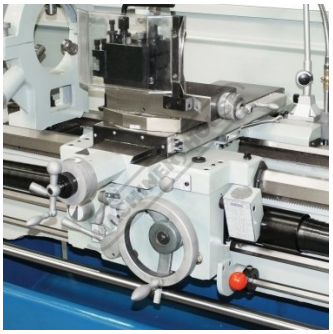

Chuck

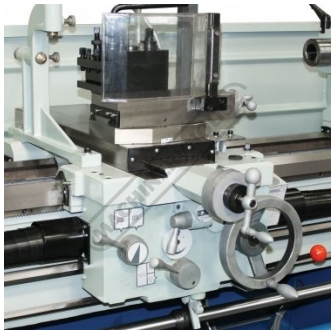

Digital Read Out


Quick Change Toolpost


Quick Change Toolpost Rear View


Toolpost Safety Guard

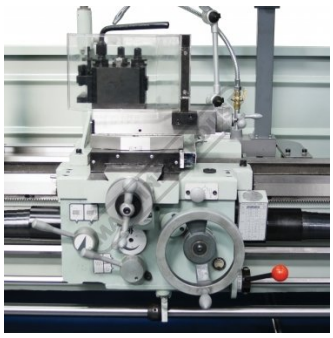

Saddle Right View

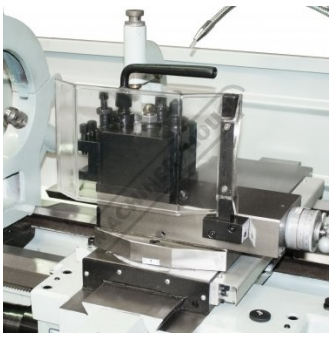

Saddle Left View

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Saddle Controls


Compound Slide



Headstock Speed Controls



Headstock Feed Controls


One Shot Lubrication


Cross Feed Handle

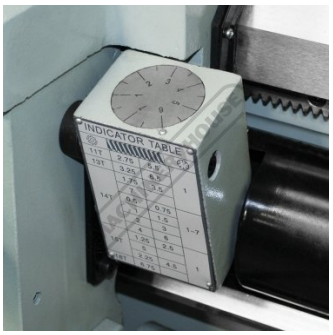

Saddle Hand Wheel



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

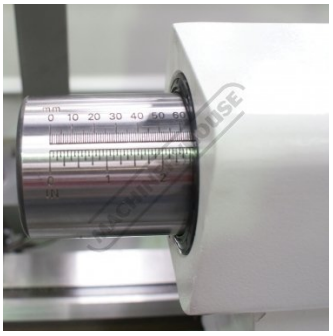
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3 Point Steady

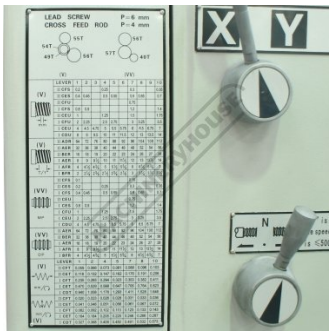

Tailstock


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



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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 - 70º 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 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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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



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

