

## Product Brochure For L607D

### Centre Lathe - CL-460

Ø460 x 1500mm Turning Capacity - Ø80mm Spindle Bore  
Includes Digital Readout System, Quick Change Toolpost, Taper Turning Attachment & Auto Slide-way Lubrication



**On Sale**

Ex GST	Inc GST
<b>\$23,730.00</b>	<b>\$27,289.50</b>
<b>\$21,000.00</b>	<b>\$24,150.00</b>

ORDER CODE:	L607D
MODEL:	CL-460
Swing Over Bed (mm):	460
Distance Between Centres (mm):	1500
Spindle Bore (mm):	80
Swing In Gap (mm):	690
Swing Over Cross-slide (mm):	274
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):	230
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	300
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	285
Compound Slide Travel (mm):	128
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):	47 (0.1 - 14)
Imperial Thread Steps & TPI (No. / TPI):	60 (2 - 112)
3 Jaw Chuck Diameter (mm):	250
4 Jaw Chuck Diameter (mm):	350
Spindle Steps / Speeds (No. / rpm):	12 (25 - 1860)
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2150

### Features

- 2 axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- Automatic lubrication pump oiling slides
- 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 690mm
- Chuck guard fitted with safety micro switch
- Powered longitudinal and cross feeds

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- 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
- Low voltage halogen work light
- D1-8 camlock spindle for quick chuck removal
- 12 spindle speeds from 25-1860rpm
- Large 80mm spindle bore
- 5.5kW / 7.5HP 415V main motor

### Includes

- 2 axis digital readout system
- Taper turning attachment
- Quick change toolpost
- Auto lubrication pump for slides
- 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



2 Axis Digital Readout



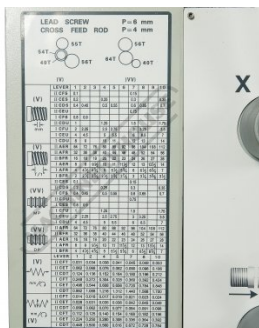
Safety Chuck Guard



Headstock Controls



Speed Selection Levers and Feed Levers



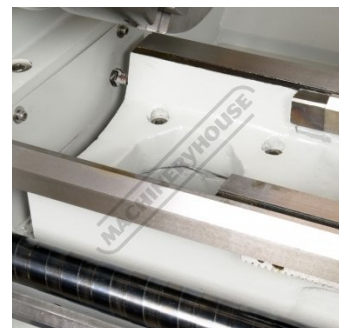
Feed Chart



Feed Lever



Automatic Lubrication System

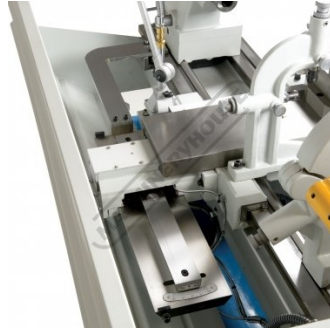


Removable Gap Bedway

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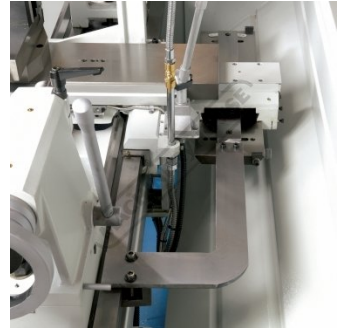
Hardened and Ground Bed



Taper Turning Attachment



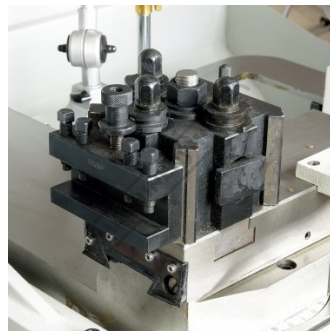
Taper Turning Attachment Close Up



Taper Turning Attachment View 2



Saddle Front View



Quick Change Toolpost



Saddle Safety Guard



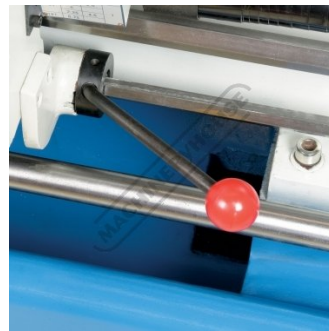
Saddle Safety Guard Shown Open



Leadscrew Covers



Thread Chasing Dial



Spindle Engagement Lever



Saddle Right View



Compound Slide



Compound Angle Scale



Saddle Controls



5 Position Adjustable Length Stop

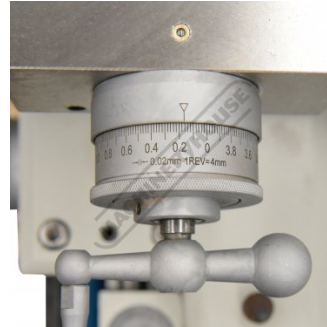
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Cross Feed Dial in Metric Mode



Cross Feed Dial in Imperial Mode



Compound Slide Dial in Metric



Saddle Dial In Metric



LED Worklight and Coolant Hose



LED Worklight Close Up



Fixed Steady with Roller Guides



Travelling Steady with Roller Guides



Tailstock



Tailstock Quill Graduations



Tailstock with Horizontal Adjustment



Tailstock Dial in Metric



Footbrake



80mm Spindle Bore

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**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

**L294A**  
Quick Change Toolpost Holder -  
Std



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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 135° Precision HSS Drill Set - 25 Piece



**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



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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



G660

Lathe Leadscrew Cover Kit



A358

Sky Hook Lifting Device



A358A

Chuck Hook



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



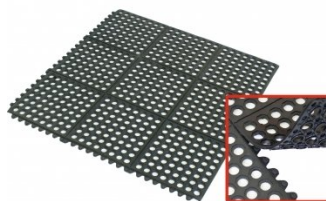
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O043

Rust & Corrosion Preventive



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O042

General Purpose Lubricant &  
Corrosion Inhibitor



O044

Rust & Corrosion Preventive

