

Product Brochure For L601D

Centre Lathe - CL-40B

Ø460 x 1000mm Turning Capacity - Ø80mm Spindle Bore
 Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L601D
MODEL:	CL-40B
Swing Over Bed (mm):	460
Distance Between Centres (mm):	1000
Spindle Bore (mm):	80
Swing In Gap (mm):	690
Swing Over Cross-slide (mm):	270
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):	290
Compound Slide Travel (mm):	140
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 - 1700)
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2200

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
- 300mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 690mm
- 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 25-1700rpm
- Large 80mm spindle bore
- 5.5kW / 7.5HP 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
- 320mm 4-jaw chuck
- 450mm face plate
- 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



Digital Read Out



Safety Chuck Guard



Chuck



Headstock Controls



Speed Selection Levers



Feed Charts



Feed Levers close up



Feed Levers

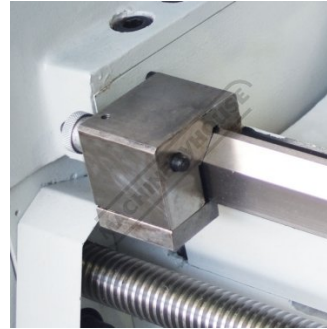
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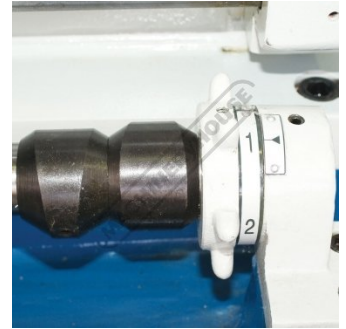
Removable Bed



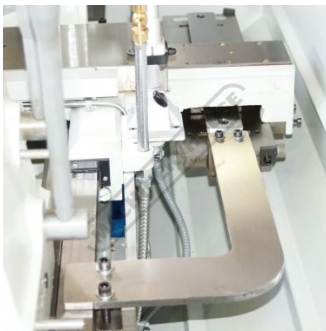
Hardened and Ground Bed



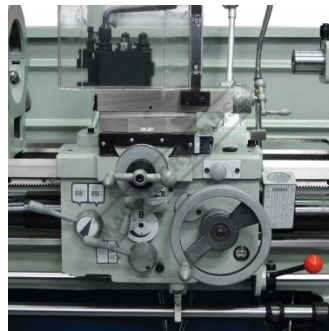
Saddle Stop



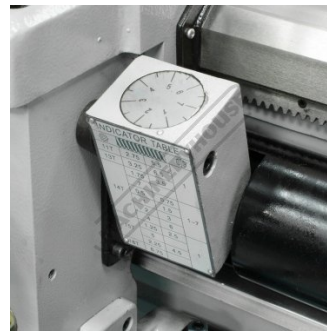
Adjustable Feed Knockout



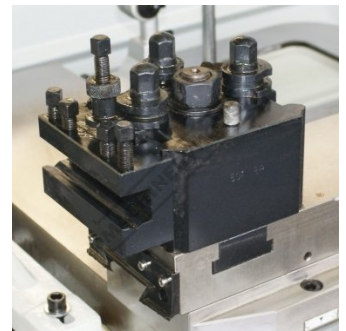
Taper Turning Attachment



Saddle Front View



Thread Chasing Dial



Quick Change Toolpost



Coolant Hose and Worklight



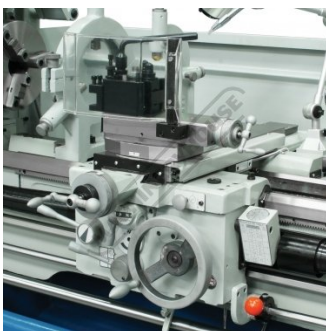
Taper Turning Attachment Closeup



Compound Slide



1 Shot Lubrication



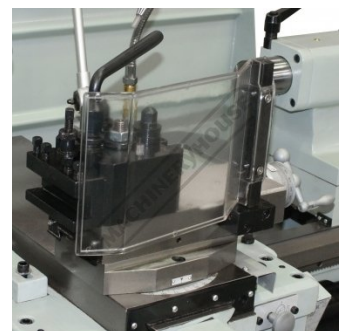
Saddle Right View



Saddle Left View

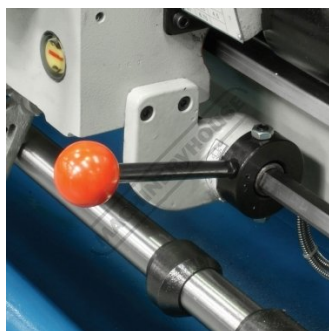


Leadscrew Spiral Covers



Toolpost Guard

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Spindle Engagement Lever



3 Point Steady



Tailstock Heavy Duty



Tailstock Graduations



Tailstock Handle



Saddle Handle



Cross Feed Handle



Belt Guard Micro Switch

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



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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 - 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



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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



G660

Lathe Leadscrew Cover Kit



A358

Sky Hook Lifting Device



A358A

Chuck Hook



L300

Magnetic Swarf Remover



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M9991

Magnetic Floor Sweeper



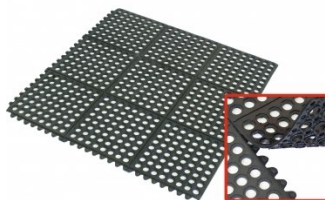
M800

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

