

## Product Brochure For L661D

### Centre Lathe - CK-100A

500 x 1500mm Turning Capacity - 105mm Bore

Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L661D
MODEL:	CK-100A
Swing Over Bed (mm):	500
Distance Between Centres (mm):	1500
Spindle Bore (mm):	105
Swing In Gap (mm):	710
Swing Over Cross-slide (mm):	300
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	Yes
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	250
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	405
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	360
Compound Slide Travel (mm):	145
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.027 - 1.07
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.063 - 2.52
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	22 (1 - 14)
Imperial Thread Steps & TPI (No. / TPI):	28 (2 - 56)
3 Jaw Chuck Diameter (mm):	325
4 Jaw Chuck Diameter (mm):	400
Spindle Steps / Speeds (No. / rpm):	12 (36 - 1600)
Motor Power (kW / hp):	9 / 12
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	3150

### 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
- Multiple discs forward and reversing clutch system
- adjustable feed stop system with 6 individual sliding stops
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- Foot operated spindle brake with safety cut out switch
- X & Z axis rapid traverse selection lever incorporated on the saddle @ 4.5m/min
- 405mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 710mm
- Cross slide handle disengages when auto feed is used
- Saddle hand wheel disengages when auto feed is used
- Adjustable clutch for auto feeds protects machine from overloading during machining
- Chuck guard fitted with safety micro switch
- Micro switch on side access door
- Powered longitudinal and cross feeds
- Metric calibrated feed dials
- Coolant system with flexible hose enabling operator to manipulate flow direction

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- Oil sight glass for head stock and gearbox & apron
- Lubrication pump on saddle oiling slides
- Low voltage halogen work light
- D1-8 camlock spindle for quick chuck removal
- 12 spindle speeds 36-1600rpm
- Large 105mm spindle bore
- 9kW / 12HP 415V main motor

### Includes

- 2 Axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- 325mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Chuck guard
- Rear splash guard
- Spindle reducing bush

### Specific Features



L661D



Chuck Guard



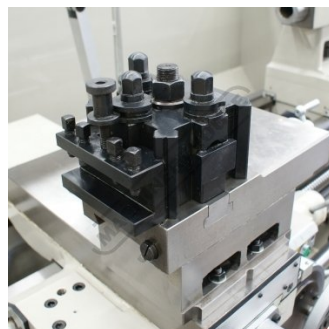
Headstock controls



2 Axis digital readout system



Thread Chasing Dial



Quick change toolpost



Saddle controls



Taper Adjustment on Compound Slide

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Rapid Traverse Selection Lever on Saddle



Induction Hardened Bedways



Heavy duty tailstock



Footbrake



Worklight and Coolant System



Thread Charts

**Recommended Accessories**

**A358**  
Sky Hook Lifting Device

**A358A**  
Chuck Hook

**G662**  
Lathe Leadscrew Cover Kit

**L300**  
Magnetic Swarf Remover



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**M9991**  
Magnetic Floor Sweeper



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



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



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



**L297**  
Quick Change Toolpost



**L297A**  
Quick Change Toolpost Holder -  
Std



**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



**C294**  
Industrial Drill Chuck - Keyless  
Type



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



**D119**  
Metric 2MT HSS Drill Set



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D424  
Drill Sleeve - Morse Taper

D422  
Drill Sleeve - Morse Taper

D425  
Drill Sleeve - Morse Taper

M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue

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

O043  
Rust & Corrosion Preventive

O042  
General Purpose Lubricant &  
Corrosion Inhibitor



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O044

Rust & Corrosion Preventive

