

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



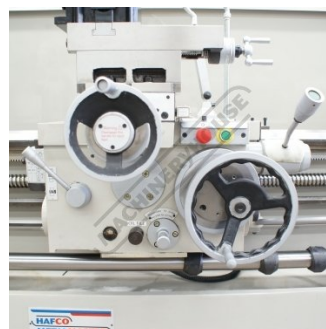
2 Axis digital readout system



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



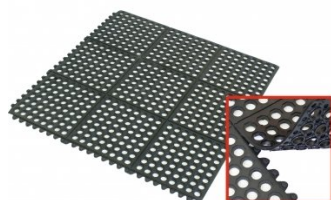
M800

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



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



O000

SpillFix Universal Organic Absorbent



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O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

