

Product Brochure For L173

Centre Lathe - CL-100

660 x 3000mm Turning Capacity

Includes Taper Turning Attachment



ORDER CODE:	L173
MODEL:	CL-100
Swing Over Bed (mm):	660
Distance Between Centres (mm):	3000
Spindle Bore (mm):	105
Swing In Gap (mm):	870
Swing Over Cross-slide (mm):	440
Digital Readout System Fitted:	Optional
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	Yes
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	330
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	390
Headstock Spindle Taper (MT):	1-20, 120
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	370
Compound Slide Travel (mm):	190
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.027 - 2.73
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.063 - 6.43
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	1 - 224
Imperial Thread Steps & TPI (No. / TPI):	1/8 - 28
3 Jaw Chuck Diameter (mm):	325
4 Jaw Chuck Diameter (mm):	400
Spindle Steps / Speeds (No. / rpm):	24 (6 - 1120)
Motor Power (kW / hp):	11.25 / 15
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	4000

Features

- Taper turning attachment fitted to saddle
- Twin 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
- 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
- 390mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 870mm
- Slide out swarf trays accessible from rear of machine
- Two speed tail stock selector
- Powered longitudinal and cross feeds
- 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 & apron
- Low voltage halogen work light
- D1-8 camlock spindle for quick chuck removal
- 24 spindle speeds 6-1120rpm
- Large 105mm spindle bore
- 11.25kW / 15HP 415V main motor

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Includes

- Taper Turning Attachment
- 325mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- Faceplate
- Fixed Steady with roller bearings
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Travelling rear splash guard
- Spindle reducing bush

Recommended Accessories

L453

Lathe Turning Tool Kit - 3 piece
 Insert Type



L459

Lathe Threading 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



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D454A
 4MT x JT3 Drill Chuck Arbor



D119
 Metric 2MT HSS Drill Set



D424
 Drill Sleeve - Morse Taper



D422
 Drill Sleeve - Morse Taper



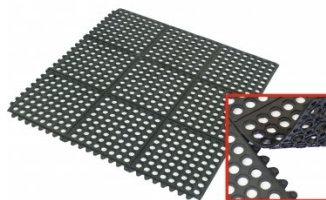
D425
 Drill Sleeve - Morse Taper



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



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S074

Cutting Tool Lubricant Paste -
500g



O000

SpillFix Universal Organic
Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant &
Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

