

Product Brochure For L174

Centre Lathe - CL-100

660 x 4000mm Turning Capacity
 Includes Taper Turning Attachment



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| ORDER CODE: | L174 |
| MODEL: | CL-100 |
| Swing Over Bed (mm): | 660 |
| Distance Between Centres (mm): | 4000 |
| Spindle Bore (mm): | 105 |
| Swing In Gap (mm): | ~ |
| 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): | 4700 |

Features

- 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
- 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
- Face plate
- 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



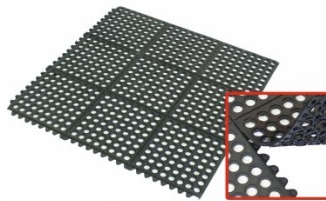
D425
Drill Sleeve - Morse Taper



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

