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Product Brochure For L580

# Centre Lathe - CL-48

470 x 1000mm Turning Capacity
Includes Taper Turning Attachment



| | |
|---|---|
| ORDER CODE: | L580 |
| MODEL: | CL-48 |
| Swing Over Bed (mm): | 470 |
| Distance Between Centres (mm): | 1000 |
| Spindle Bore (mm): | 80 |
| Swing In Gap (mm): | 700 |
| Swing Over Cross-slide (mm): | 280 |
| 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): | 235 |
| Spindle Nose Size or Type: | D1-8 Camlock |
| Bed Width (mm): | 340 |
| Headstock Spindle Taper (MT): | 7 |
| Tailstock Taper (MT): | 4 |
| Cross Slide Travel (mm): | 220 |
| Compound Slide Travel (mm): | 120 |
| Leadscrew Type: | Metric |
| Metric Cross Feed (X-Axis) (mm/rev): | 0.02 - 1.21 |
| Imperial Cross Feed (X-Axis) (inch/rev): | ~ |
| Metric Longitudinal Feed (Z-Axis) (mm/rev): | 0.030 - 1.66 |
| Imperial Longitudinal Feed (Z-Axis) (inch/rev): | ~ |
| Metric Thread Steps & Pitch (No. / mm): | 41 (0.1 - 14) |
| Imperial Thread Steps & TPI (No. / TPI): | 60 (3,1/2 - 112) |
| 3 Jaw Chuck Diameter (mm): | 250 |
| 4 Jaw Chuck Diameter (mm): | 320 |
| Spindle Steps / Speeds (No. / rpm): | 12 (40 - 1600) |
| Motor Power (kW / hp): | 5.5 / 7.5 |
| Voltage / Amperage (V / amp): | 415 |
| Nett Weight (kg): | 2250 |

## Features

- Taper turning attachment fitted to saddle
- 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
- 340mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 700mm
- Powered longitudinal and cross feeds
- Chuck guard with safety switch
- Adjustable 5 position length-stop mechanism for accurate repetitive operation
- 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
- D1-8 camlock spindle for quick chuck removal
- 12 spindle speeds from 40-1600rpm
- Large 80mm spindle bore
- 5.5kW / 7.5HP 415V main motor

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## Includes

- Taper Turning Attachment
- 250mm 3-jaw chuck with reverse jaws
- 320mm 4-jaw chuck
- Faceplate
- Fixed Steady
- Travelling steady
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Rear splash guard
- Spindle reducing bush

## Specific Features




Head Stock

## Recommended Accessories

L453
Lathe Turning Tool Kit - 3 piece Insert Type



L459
Lathe Threading Tool Kit - Insert Type



L294
Quick Change Toolpost



L294A
Quick Change Toolpost Holder - Std



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# Product Brochure For L580

C054
4MT Live Centre



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



C294
Industrial Drill Chuck - Keyless Type



D454A
4MT x JT3 Drill Chuck Arbor



D119
Metric 2MT HSS Drill Set



D424
Drill Sleeve - Morse Taper



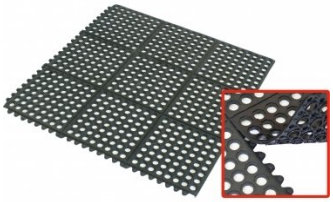
D422
Drill Sleeve - Morse Taper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



S090A
Soluble Metal Cutting Fluid - 1 Litre



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# Product Brochure For L580

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




O043
Rust & Corrosion Preventive




O042
General Purpose Lubricant & Corrosion Inhibitor




O040
Rust & Corrosion Preventive




O044
Rust & Corrosion Preventive

