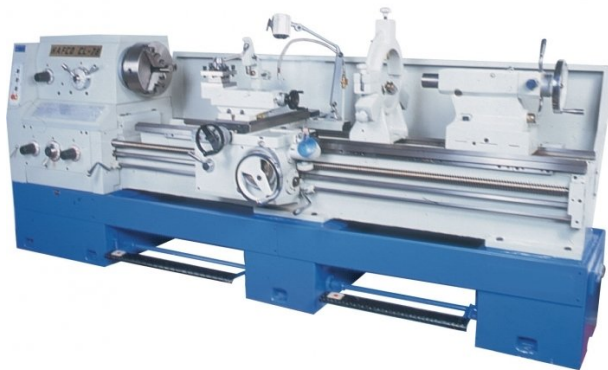


## Product Brochure For L171

### Centre Lathe - CL80-500

500 x 2000mm Turning Capacity  
Includes Taper Turning Attachment



ORDER CODE:	L171
MODEL:	CL80-500
Swing Over Bed (mm):	500
Distance Between Centres (mm):	2000
Spindle Bore (mm):	82
Swing In Gap (mm):	710
Swing Over Cross-slide (mm):	300
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):	250
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	390
Headstock Spindle Taper (MT):	1-20, 90
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	340
Compound Slide Travel (mm):	145
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.011 - 2.58
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.028 - 6.43
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	1/8 - 72
Imperial Thread Steps & TPI (No. / TPI):	0.5 - 224
3 Jaw Chuck Diameter (mm):	325
4 Jaw Chuck Diameter (mm):	400
Spindle Steps / Speeds (No. / rpm):	24 (9 - 1600)
Motor Power (kW / hp):	7.5 / 10
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	3200

### 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 710mm
- 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 9-1600rpm
- Large 82mm spindle bore
- 7.5kW / 10HP 415V main motor

## Product Brochure For L171

### 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
- 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



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



Product Brochure For L171

**S074**  
Cutting Tool Lubricant Paste - 500g



**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



**D119**  
Metric 2MT HSS Drill Set



**D424**  
Drill Sleeve - Morse Taper



**D422**  
Drill Sleeve - Morse Taper



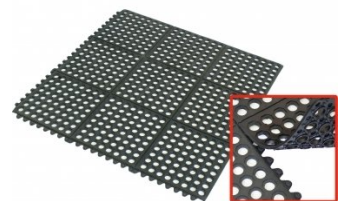
**D425**  
Drill Sleeve - Morse Taper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



Product Brochure For L171

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O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

