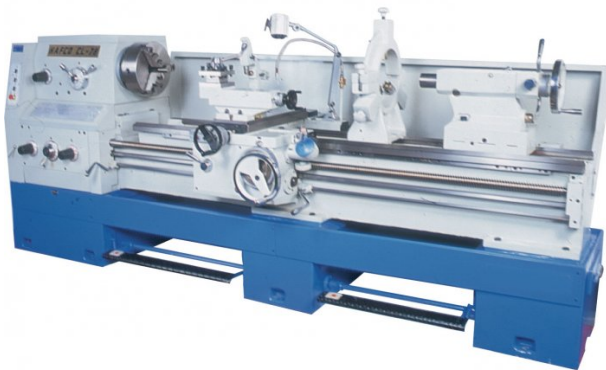


Product Brochure For L171D

Centre Lathe - CL80-500

500 x 2000mm Turning Capacity

Includes Digital Readout System & Taper Turning Attachment



ORDER CODE:	L171D
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:	Yes
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):	0.5 - 224
Imperial Thread Steps & TPI (No. / TPI):	1/8 - 72
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

- 2 axis digital readout system
- 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

Product Brochure For L171D

- 7.5kW / 10HP 415V main motor

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

Specific Features



L171D

Recommended Accessories

L453

Lathe Turning Tool Kit - 3 piece
Insert Type

L459

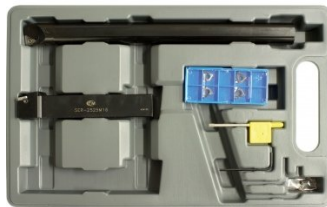
Lathe Threading Tool Kit - Insert
Type

L297

Quick Change Toolpost

L297A

Quick Change Toolpost Holder -
Std



Product Brochure For L171D

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



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



Product Brochure For L171D

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

O000
 SpillFix Universal Organic Absorbent

O043
 Rust & Corrosion Preventive

O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive

O044
 Rust & Corrosion Preventive

