

Product Brochure For L580D

Centre Lathe - CL-48

470 x 1000mm Turning Capacity

Includes Digital Readout System, Quick Change Toolpost & Taper Turning Attachment



ORDER CODE:	L580D
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:	Yes
Quick Change Toolpost Fitted:	Yes
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

- 2 axis digital readout system
- Quick change toolpost
- 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

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- 5.5kW / 7.5HP 415V main motor

Includes

- 2 axis digital readout system
- Quick change toolpost
- Taper turning attachment fitted to saddle
- 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



Safety Chuck Guard



Dual calibrated dial on Handle



Thread Chasing Dial



Induction Hardened bedways



Headstock controls



Taper Turning Attachment



2 Axis digital readout system

LEVER	mm
CEH	1600
AEH	1150
BEH	820
CEL	585
AEL	420
BEL	300
CDH	215
ADH	155
BDH	110
CDL	78
ADL	56
BDL	40

Spindle Speeds

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Recommended Accessories

L453

Lathe Turning Tool Kit - 3 piece
Insert Type



L459

Lathe Threading Tool Kit - Insert
Type



L467

Professional Lathe Parting Tool
Kit - Insert Type



L294

Quick Change Toolpost



L294A

Quick Change Toolpost Holder -
Std



C054

4MT Live Centre



D1272

Metric 135° Precision HSS Drill
Set - 25 Piece



D1282

Imperial 135° Precision HSS
Drill Set - 29 Piece



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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



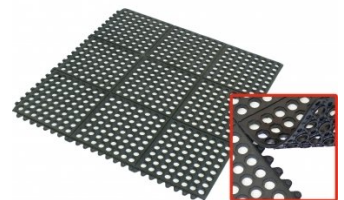
D422
Drill Sleeve - Morse Taper



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



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S074
Cutting Tool Lubricant Paste -
500g



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant &
Corrosion Inhibitor



O044
Rust & Corrosion Preventive

