Auckland: (09) 2717 234
Christchurch: (03) 741 6241

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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

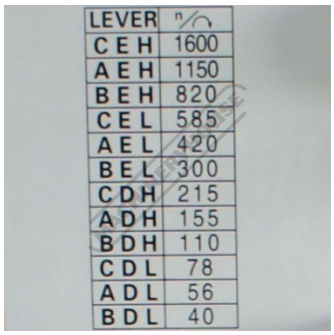

Induction Hardened bedways



Headstock controls


Taper Turning Attachment


2 Axis digital readout system



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 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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



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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



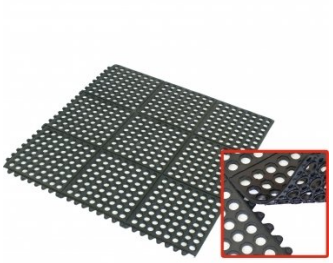
D422
Drill Sleeve - Morse Taper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



S090A
Soluble Metal Cutting Fluid - 1 Litre



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

