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Product Brochure For L600D

Centre Lathe - CL-410

Ø410 x 1000mm Turning Capacity - Ø58mm Spindle Bore
Includes Digital Readout System & Quick Change Toolpost



ORDER CODE:	L600D
MODEL:	CL-410
Swing Over Bed (mm):	410
Distance Between Centres (mm):	1000
Spindle Bore (mm):	58
Swing In Gap (mm):	640
Swing Over Cross-slide (mm):	224
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	205
Spindle Nose Size or Type:	D1-6 Camlock
Bed Width (mm):	300
Headstock Spindle Taper (MT):	6
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	290
Compound Slide Travel (mm):	128
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.014 - 0.784
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.031 - 1.70
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	41 (0.1 - 14)
Imperial Thread Steps & TPI (No. / TPI):	60 (2 - 112)
3 Jaw Chuck Diameter (mm):	250
4 Jaw Chuck Diameter (mm):	250
Spindle Steps / Speeds (No. / rpm):	12 (25 - 2000)
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1850

Features

- 2 axis digital readout system
- Quick change toolpost
- Triple bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- Automatic lubrication pump for saddle & cross slides
- 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
- 300mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 640mm
- Chuck guard fitted with safety micro switch
- Powered longitudinal and cross feeds
- 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
- D1-6 camlock spindle for quick chuck removal
  12 spindle speeds from 25-2000rpm

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Product Brochure For L600D

- Large 58mm spindle bore
- 5.5kW / 7.5HP 415V main motor

Includes

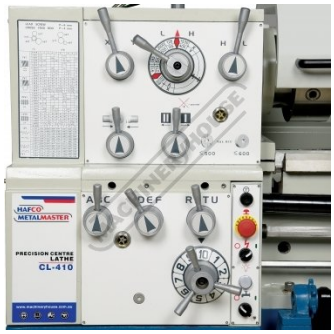
- 2 axis digital readout system
- Quick change toolpost
- 250mm 3-jaw chuck with reverse jaws
- 250mm 4-jaw chuck
- Fixed Steady with roller bearings
- Travelling steady with brass guides
- Concertina leadscrew covers
- Faceplate
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- Work light
- Rear splash guard
- Spindle reducing bush

Specific Features


Left View


2 Axis Digital Readout

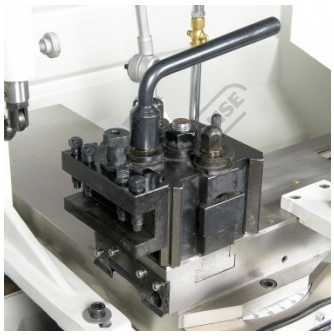

Chuck Guard With Micro


Headstock Controls


Spindle Speed Levers


Gearbox Levers


Thread and Feed Chart


Quick Change Toolpost


Auto Lubrication Pump


Saddle Safety Guard


Saddle Safety Guard Shown Open


Compound Slide

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Product Brochure For L600D


Leadscrew Covers

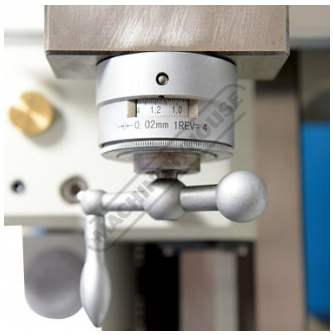


Thread Chasing Dial


Spindle Engagement Lever



5 Position Adjustable Length Stop

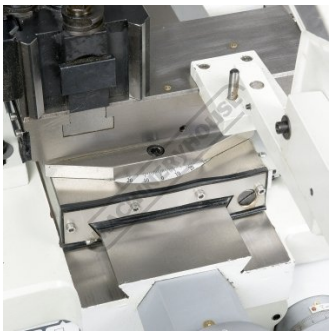

Compound Slide Dial in Metric Mode


Compound Slide Dial in Imperial Mode


Cross Feed Dial In Metric Mode


Cross Feed Dial In Imperial Mode


Saddle Dial


Compound Angle Scale


Saddle Controls


Hardened & Ground Bedways


58mm Spindle Bore


Removable Gap Bed


Fixed Steady With Roller Guides


Travelling Steady With Roller Guides

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Product Brochure For L600D


LED Worklight & Coolant Hose


LED Worklight Close Up


Tailstock


Tailstock Quill Graduations


Tailstock with Adjustable Horizontal Movement



Tailstock Dial in Metric Mode


Tailstock Dial in Imperial Mode



Foot Brake


Main Switch

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Recommended Accessories

L048
Right Hand Turning Tool Holder



L049
Left Hand Turning Tool Holder



L041
Right Hand Turning Tool Holder



L042
Left Hand Turning Tool Holder



L453
Lathe Turning Tool Kit - 3 piece Insert Type



L459
Lathe Threading Tool Kit - Insert Type



L467
Professional Lathe Parting Tool Kit - Insert Type



C046
4MT Pipe Centre - 70º Cone



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Product Brochure For L600D

C290
Heavy Duty Drill Chuck - Keyed Type



C294
Industrial Drill Chuck - Keyless Type



D454A
4MT x JT3 Drill Chuck Arbor



D424
Drill Sleeve - Morse Taper



D422
Drill Sleeve - Morse Taper



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



D119
Metric 2MT HSS Drill Set



S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



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Product Brochure For L600D

S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075
Cutting Tool Lubricant Paste - 200g



S074
Cutting Tool Lubricant Paste - 500g



S091
Soluble Metal Cutting Fluid - 20 Litre



G660
Lathe Leadscrew Cover Kit



A358
Sky Hook Lifting Device



A358A
Chuck Hook



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



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Product Brochure For L600D

O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

