

Product Brochure For L600D

Centre Lathe - CL-410

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

58mm Bore & 300mm Wide Bed



| | |
|---|----------------|
| 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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- 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



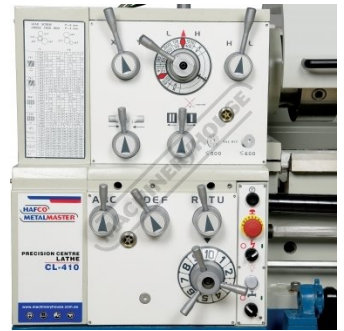
Left View



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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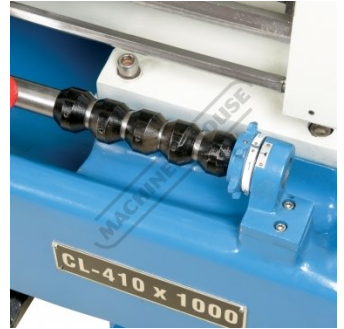
Leadscrew Covers



Thread Chasing Dial



Spindle Engagement Lever



5 Position Adjustable Length Stop



Compound Slide Dial in Metric Mode



Compound Slide Dial in Imperial Mode



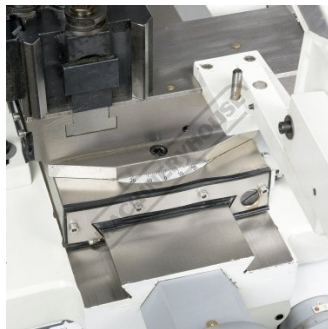
Cross Feed Dial In Metric Mode



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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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 - 70° Cone



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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 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



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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S077

Drilling, Tapping & Cutting Tool
 Lubricant Spray - 400g



S075

Cutting Tool Lubricant Paste -
 200g



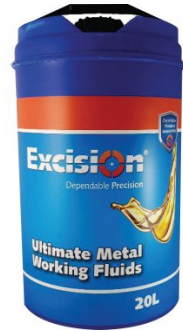
S074

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



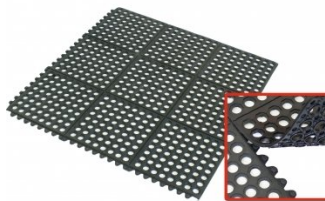
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O000

SpillFix Universal Organic Absorbent



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O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

