

## HAFCO METALMASTER CL-560



### Centre Lathe

**560 x 2000mm Turning Capacity - 105mm Spindle Bore**





## HAFCO METALMASTER CL-560 Centre Lathe

### Features

- 2 axis digital readout system
- Quick change toolpost
- Large 105mm spindle bore
- Taper turning attachment fitted to saddle
- Automatic lubrication pump oiling slides
- Triple bearings supporting headstock spindle
- 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
- 350mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing workpiece to swing up to 690mm
- Chuck guard fitted with safety micro switch
- Powered longitudinal and cross feeds
- Adjustable 5 position length-stop mechanism for accurate repetitive operation
- Micro adjustable saddle stop
- Dual calibrated cross feed dial incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil level sight glass for headstock and gearbox
- Low voltage halogen work light
- D1-8 camlock spindle for quick chuck removal
- 12 spindle speeds from 20-1600rpm
- 7.5kW / 10HP 415V main motor

### Includes

- 2 axis digital readout system
- Taper turning attachment
- Quick change toolpost
- Auto lubrication pump for slides
- Concertina leadscrew covers
- 320mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- 450m face plate
- Fixed steady with roller bearings
- Travelling steady with brass guides
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- LED Work light
- Rear splash guard
- Spindle reducing bush



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### Specifications

<b>ORDER CODE</b>	L611D
<b>MODEL</b>	CL-560
<b>Swing Over Bed (mm)</b>	560
<b>Distance Between Centres (mm)</b>	2000
<b>Spindle Bore (mm)</b>	105
<b>Swing In Gap (mm)</b>	785
<b>Swing Over Cross-slide (mm)</b>	355
<b>Digital Readout System Fitted</b>	Yes
<b>Quick Change Toolpost Fitted</b>	Yes
<b>Leadscrew Covers Fitted</b>	Yes
<b>Taper Turning Attachment</b>	Yes
<b>Coolant System</b>	Yes
<b>Tool Height To Suit (mm)</b>	25
<b>Centre Height (mm)</b>	280
<b>Spindle Nose Size or Type</b>	D1-8 Camlock
<b>Bed Width (mm)</b>	350
<b>Headstock Spindle Taper (MT)</b>	7
<b>Tailstock Taper (MT)</b>	5
<b>Cross Slide Travel (mm)</b>	316
<b>Compound Slide Travel (mm)</b>	130
<b>Leadscrew Type</b>	Metric
<b>Metric Cross Feed (X-Axis) (mm/rev)</b>	0.020-0.573
<b>Imperial Cross Feed (X-Axis) (inch/rev)</b>	~
<b>Metric Longitudinal Feed (Z-Axis) (mm/rev)</b>	0.059-1.646
<b>Imperial Longitudinal Feed (Z-Axis) (inch/rev)</b>	~
<b>Metric Thread Steps &amp; Pitch (No. / mm)</b>	47 (0.2 - 14)
<b>Imperial Thread Steps &amp; TPI (No. / TPI)</b>	60 (2 - 112)
<b>3 Jaw Chuck Diameter (mm)</b>	320
<b>4 Jaw Chuck Diameter (mm)</b>	400
<b>Spindle Steps / Speeds (No. / rpm)</b>	12 (20 - 1600)
<b>Motor Power (kW / hp)</b>	7.5 / 10
<b>Voltage / Amperage (V / amp)</b>	415
<b>Nett Weight (kg)</b>	3000