

HAFCO METALMASTER CL-560



Centre Lathe

Ø560 x 1500mm Turning Capacity - Ø105mm Spindle Bore

105mm Bore & 350mm Wide Bed



HAFCO METALMASTER CL-560 Centre Lathe



Right View



Left View



2 Axis Digital Readout



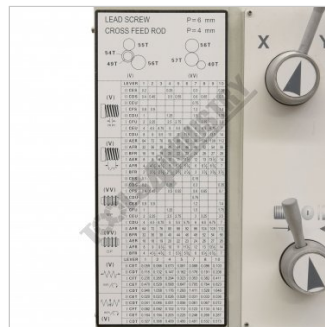
Safety Chuck Guard



Head Stock Controls



Speed Selections Levers and Feed Levers



Feed Chart



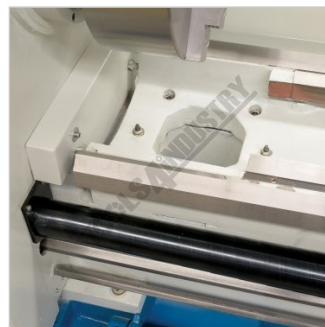
Feed Levers



Automatic Lubrication System



105mm Spindle Bore



Removable Gap Bedway



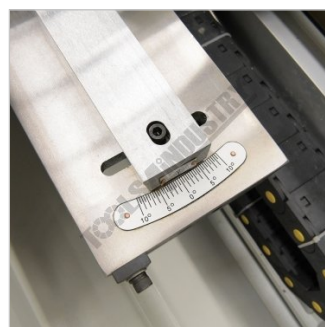
Hardened and Ground Bed



Taper Turning Attachment



Taper Turning Attachment Rear View

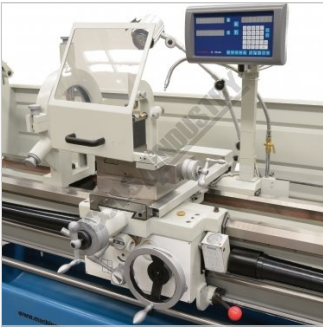


Taper Turning Attachment Close Up



Saddle Front View

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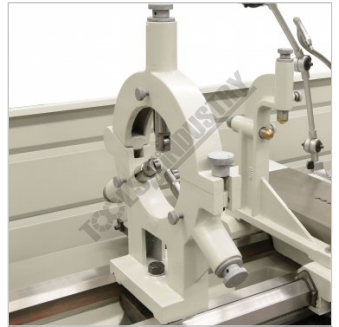
Saddle Right View



LED Worklight and Coolant Hose



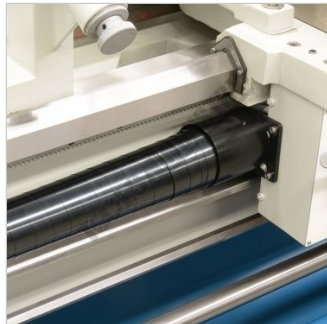
LED Worklight Close up



Fixed Steady with Roller Guides



Travelling Steady with Roller Guides



Leadscrew Covers



Quick Change Toolpost



Saddle Safety Guard



Saddle Safety Guard Shown Open



Compound Slide



5 Position Adjustable Length Stop



Spindle Engagement Lever



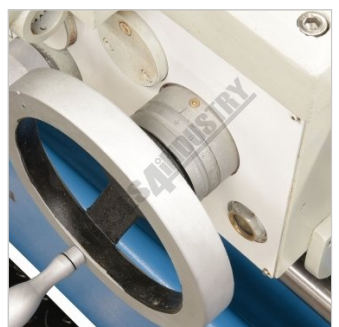
Thread Chasing Dial



Compound Angle Slide

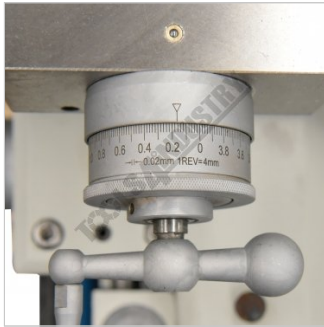


Saddle Controls



Saddle Dial

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Compound Slide Dial



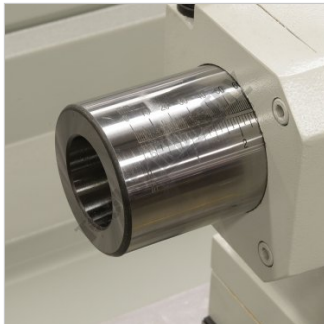
Cross Feed Dial in Metric Mode



Cross Feed Dial in Imperial Mode



Tailstock



Tailstock Quill Graduations



Tailstock Dial



Tailstock with Horizontal Adjustment



Control Panel



Foot Brake



Toolbox Included

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



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- 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
- 450mm 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

Specifications

ORDER CODE	L610D
MODEL	CL-560
Swing Over Bed (mm)	560
Distance Between Centres (mm)	1500
Spindle Bore (mm)	105
Swing In Gap (mm)	785
Swing Over Cross-slide (mm)	355
Digital Readout System Fitted	Yes
Quick Change Toolpost Fitted	Yes
Leadscrew Covers Fitted	Yes



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Taper Turning Attachment	Yes
Coolant System	Yes
Tool Height To Suit (mm)	25
Centre Height (mm)	280
Spindle Nose Size or Type	D1-8 Camlock
Bed Width (mm)	350
Headstock Spindle Taper (MT)	7
Tailstock Taper (MT)	5
Cross Slide Travel (mm)	316
Compound Slide Travel (mm)	130
Leadscrew Type	Metric
Metric Cross Feed (X-Axis) (mm/rev)	0.020-0.573
Imperial Cross Feed (X-Axis) (inch/rev)	~
Metric Longitudinal Feed (Z-Axis) (mm/rev)	0.059-1.646
Imperial Longitudinal Feed (Z-Axis) (inch/rev)	~
Metric Thread Steps & Pitch (No. / mm)	47 (0.2 - 14)
Imperial Thread Steps & TPI (No. / TPI)	60 (2 - 112)
3 Jaw Chuck Diameter (mm)	320
4 Jaw Chuck Diameter (mm)	400
Spindle Steps / Speeds (No. / rpm)	12 (20 - 1600)
Motor Power (kW / hp)	7.5 / 10
Voltage / Amperage (V / amp)	415
Shipping Dimensions (L x W x H) (cm)	290 x 119 x 175
Nett Weight (kg)	2700