

HAFCO-METALMASTER CL-460



Centre Lathe

Ø460 x 1000mm Turning Capacity - Ø80mm Spindle Bore



HAFCO-METALMASTER Centre Lathe CL-460



2 Axis Digital Readout



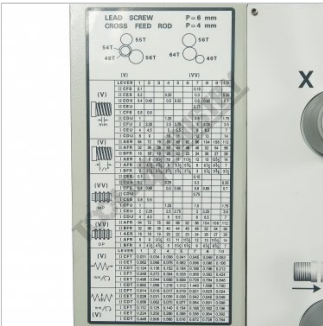
Safety Chuck Guard



Headstock Controls



Speed Selections Levers and Feed Levers



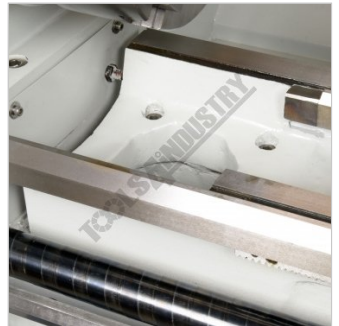
Feed Chart



Feed Lever



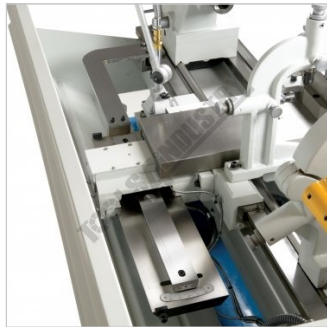
Automatic Lubrication System



Removable Gap Bedway



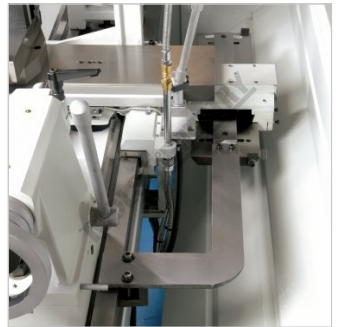
Hardened and Ground Bed



Taper Turning Attachment



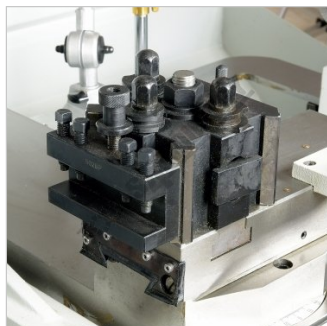
Taper Turning Attachment Close Up



Taper Turning Attachment Full View



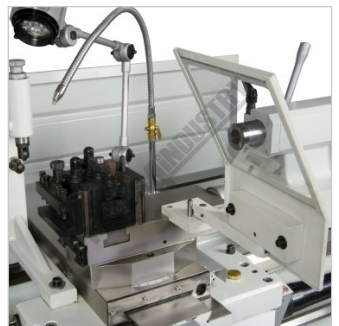
Saddle Front View



Quick Change Toolpost



Saddle Safety Guard

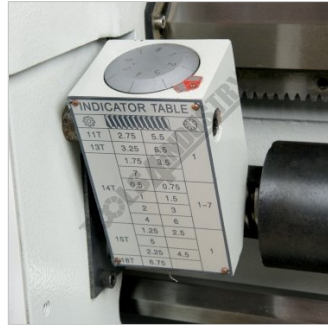


Saddle Safety Guard Shown Open

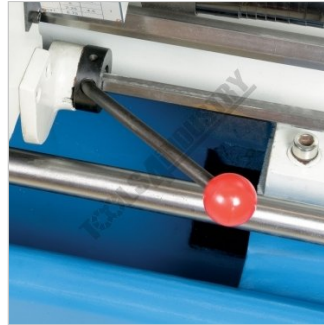
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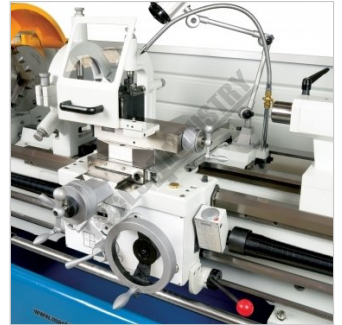
Leadscrew Covers



Thread Chasing Dial



Spindle Engagement Lever



Saddle Right View



Compound Slide



Compound Angle Scale



Saddle Controls



5 Position Adjustable Length Stop



Cross Feed Dial in Metric Mode



Cross Feed Dial in Imperial Mode



Compound Slide Dial in Metric



Saddle Dial In Metric



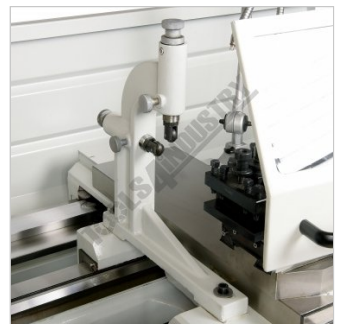
LED Worklight and Coolant Hose



LED Worklight Close Up



Fixed Steady with Roller Guides



Travelling Steady with Roller Guides

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Tailstock



Tailstock Quill Graduations



Tailstock with Horizontal Adjustment



Tailstock Dial in Metric Adjustment



Footbrake



80mm Spindle Bore

Features

- 2 axis digital readout system
- Quick change toolpost
- 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
- 300mm 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 25-1860rpm
- Large 80mm spindle bore

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- 5.5kW / 7.5HP 415V main motor

Includes

- 2 axis digital readout system
- Taper turning attachment
- Quick change toolpost
- Auto lubrication pump for slides
- Concertina leadscrew covers
- 250mm 3-jaw chuck with reverse jaws
- 350mm 4-jaw chuck
- 350m 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	L606D
MODEL	CL-460
Swing Over Bed (mm)	460
Distance Between Centres (mm)	1000
Spindle Bore (mm)	80
Swing In Gap (mm)	690
Swing Over Cross-slide (mm)	274
Digital Readout System Fitted	Yes
Quick Change Toolpost Fitted	Yes
Leadscrew Covers Fitted	Yes
Taper Turning Attachment	Yes
Coolant System	Yes
Tool Height To Suit (mm)	25
Centre Height (mm)	230
Spindle Nose Size or Type	D1-8 Camlock
Bed Width (mm)	300
Headstock Spindle Taper (MT)	6
Tailstock Taper (MT)	4
Cross Slide Travel (mm)	285
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)	~

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Metric Thread Steps & Pitch (No. / mm)	47 (0.1 - 14)
Imperial Thread Steps & TPI (No. / TPI)	60 (2 - 112)
3 Jaw Chuck Diameter (mm)	250
4 Jaw Chuck Diameter (mm)	350
Spindle Steps / Speeds (No. / rpm)	12 (25 - 1860)
Motor Power (kW / hp)	5.5 / 7.5
Voltage / Amperage (V / amp)	415
Nett Weight (kg)	1950