

HAFCO METALMASTER CL-460



Centre Lathe

460 x 1500mm Turning Capacity - 80mm Spindle Bore



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2 Axis Digital Readout



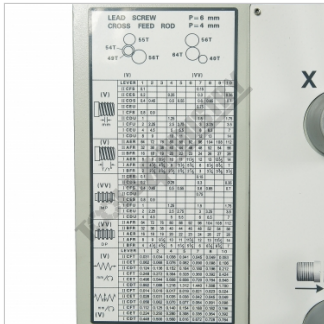
Safety Chuck Guard



Headstock Controls



Speed Selections Levers and Feed Levers



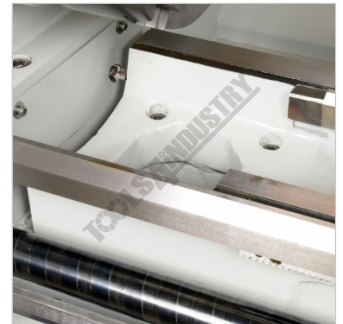
Feed Chart



Feed Lever



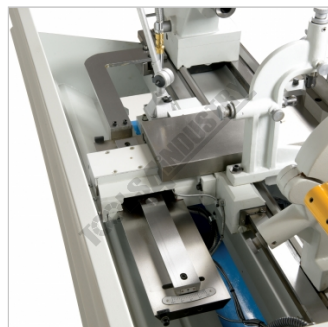
Automatic Lubrication System



Removable Gap Bedway System



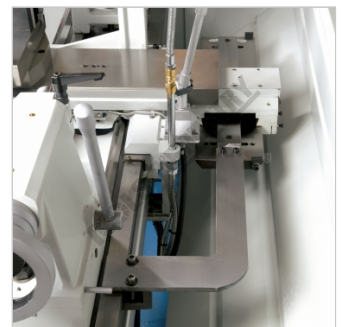
Hardened and Ground Bed



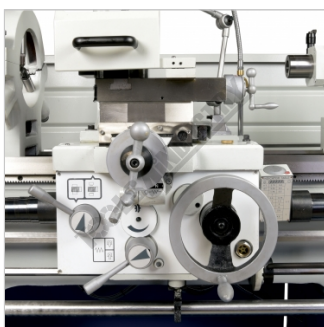
Taper Turning Attachment



Taper Turning Attachment Close Up



Taper Turning Attachment View 2



Saddle Front View



Quick Change Toolpost



Saddle Safety Guard

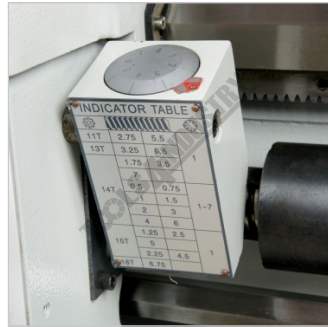


Saddle Safety Guard Shown Open

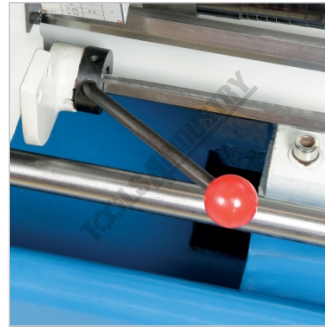
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Leadscrew Covers



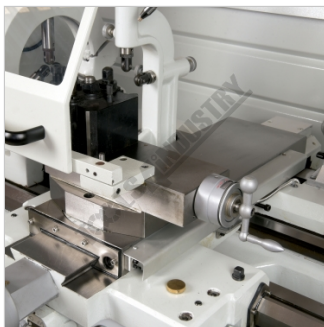
Thread Chasing Dial



Spindle Engagement Lever



Saddle Right View



Compound Slide



Compound Angle Scale



Saddle Controls



5 Position Adjustable Length Stop



Compound Slide Dial in Metric Mode



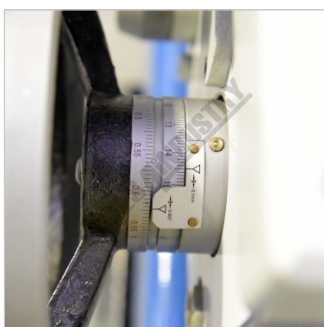
Compound Slide Dial in Imperial Mode



Cross Feed Dial in Metric Mode



Cross Feed Dial in Imperial Mode



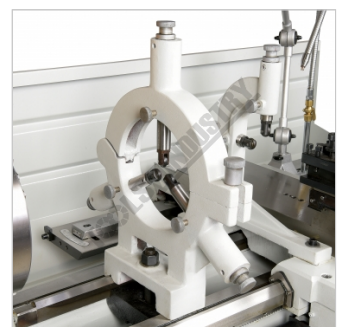
Saddle Dial



LED Worklight and Coolant Hose

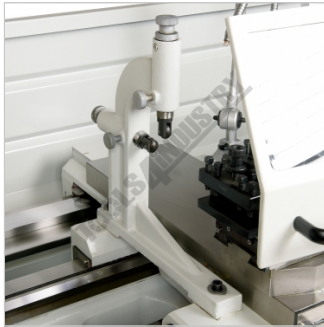


LED Worklight Close Up



Fixed Steady with Roller Guides

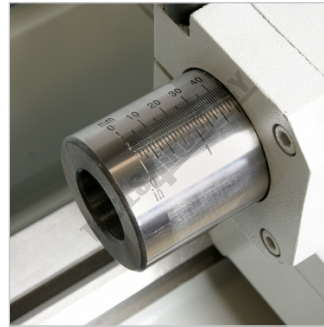
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Travelling Steady with Roller Guides



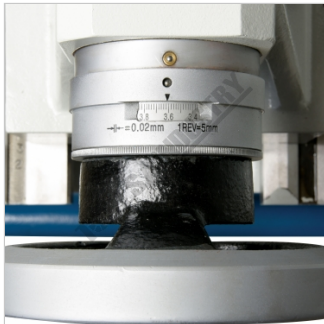
Tailstock



Tailstock Quill Graduations



Tailstock with Horizontal Adjustment



Tailstock Dial in Metric Mode



Tailstock Dial in Imperial Mode



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 dials 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



HAFCO METALMASTER CL-460 Centre Lathe

- D1-6 camlock spindle for quick chuck removal
- 12 spindle speeds from 25-1860rpm
- Large 80mm spindle bore
- 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	L607D
MODEL	CL-460
Swing Over Bed (mm)	460
Distance Between Centres (mm)	1500
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	D1-6 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



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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)	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)	2150