

HAFCO-METALMASTER AL-51G



Bench Lathe

Ø230 x 500mm Turning Capacity - Ø20mm Spindle Bore



HAFCO-METALMASTER Bench Lathe AL-51G



Stand sold separately
Shown With Optional Stand



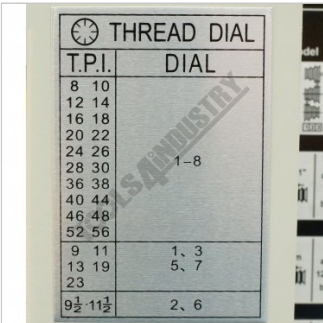
Safety Chuck Guard



Switches



Belt Tension Lever



Thread Dial Chart



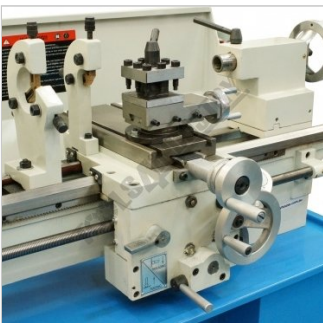
Speed and Thread Charts



Norton Style Gear Box



Steadies



Saddle Left View



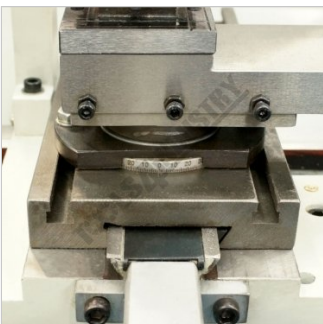
Saddle Front View



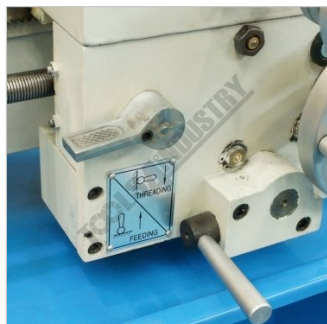
Saddle Right View



Tool Post



Compound Scale



Threading and Feeding Levers



Thread Chasing Dial

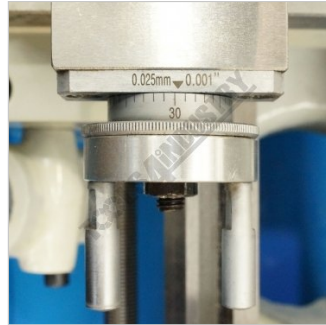


Cross Dial

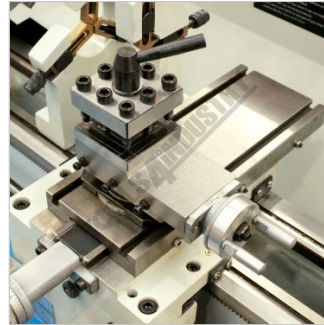
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Saddle Handle Wheel



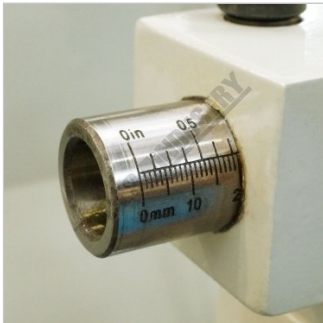
Compound Dial



Compound Slide



Tailstock



Tailstock Quill



Tailstock Hand Wheel

Description

AL-51G has a quick-change gearbox for easy thread cutting operations
Can also cut 9.5 and 11.5 threads per inch

Features

- Perfect for the hobby machinist or auto electrician
- Precision 'V'-beds are hardened and ground, encompassed on strong cast-iron rib webbing, with dovetail cross and compound slides
- Includes a full set of change gears for metric and imperial thread cutting
- Saddle handwheel mounted on right side of apron reducing swarf contacting the hand
- Induction hardened "V" beds
- Norton style quick change gearbox
- Adjustable ball bearings spindle support
- 4 x direct oiling points into gearbox
- T slotted cross slide
- Auto longitudinal feed
- Clear perspex chuck guard
- 6 spindle speeds from 100-1800rpm
- Metric dial calibrations

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Includes

- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Face plate
- Fixed and traveling steadies
- Change gears
- Dead centre
- Thread chasing dial
- Swarf tray
- Safety chuck guard
- Spanners, tool box, & instruction booklet

Specifications

ORDER CODE	L160
MODEL	AL-51G
Swing Over Bed (mm)	230
Distance Between Centres (mm)	500
Spindle Bore (mm)	20
Swing In Gap (mm)	~
Swing Over Cross-slide (mm)	127
Digital Readout System Fitted	Optional
Quick Change Toolpost Fitted	Optional
Leadscrew Covers Fitted	~
Taper Turning Attachment	~
Coolant System	~
Tool Height To Suit (mm)	12
Centre Height (mm)	115
Spindle Nose Size or Type	Threaded
Bed Width (mm)	114
Headstock Spindle Taper (MT)	3
Tailstock Taper (MT)	2
Cross Slide Travel (mm)	108
Compound Slide Travel (mm)	48
Leadscrew Type	Imperial
Metric Cross Feed (X-Axis) (mm/rev)	~
Imperial Cross Feed (X-Axis) (inch/rev)	~
Metric Longitudinal Feed (Z-Axis) (mm/rev)	~
Imperial Longitudinal Feed (Z-Axis) (inch/rev)	0.12 - 0.3
Metric Thread Steps & Pitch (No. / mm)	11 (0.5 - 3)
Imperial Thread Steps & TPI (No. / TPI)	27 (8 - 56)
3 Jaw Chuck Diameter (mm)	100
4 Jaw Chuck Diameter (mm)	190
Spindle Steps / Speeds (No. / rpm)	6 (100 - 1800)
Motor Power (kW / hp)	0.55 / 0.75
Voltage / Amperage (V / amp)	240 / 10
Nett Weight (kg)	129

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