

HAFCO-METALMASTER AL-346



Centre Lathe

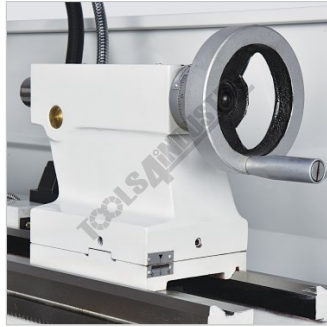
Ø330 x 600mm Turning Capacity - Ø40mm Spindle Bore



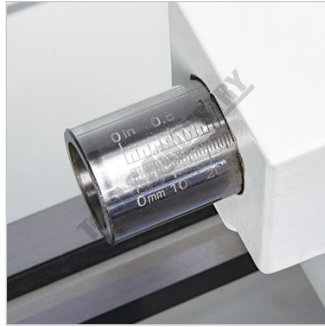
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Tailstock



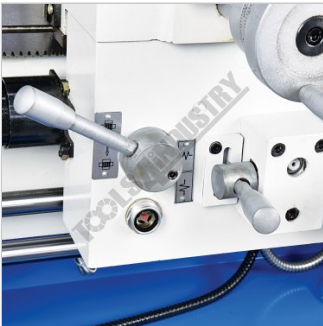
Tailstock Adjustments



Tailstock Graduations



Induction Hardened Bedways



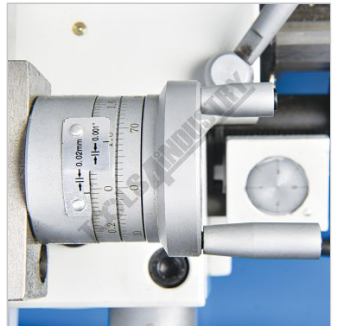
Feed and Threading Engagement Levers



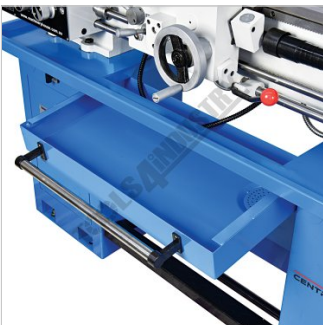
Cross Feed Dial Graduations



Saddle Hand Wheel Graduations



Compound Slide Dial Graduations



Pull out Swarf Tray



Footbrake



Parts



Left View



Rear View

HAFCO-METALMASTER Centre Lathe AL-346**Features**

- 2 Axis digital readout
- Gear drive headstock for quick change of spindle speeds
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Concertina leadscrew cover
- Slide out swarf tray from front of machine
- Low voltage work light
- Foot operated spindle brake with safety cut out switch
- Slide out front swarf tray for easy cleaning
- Change gears for metric and imperial thread cutting
- Oil sight glass for head stock and gearbox
- Adjustable taper roller bearings support the spindle
- 16 spindle speeds from 70 to 2000rpm
- Inching button is incorporated on the control panel for convenient spindle speed selection
- Enclosed quick action gearbox for thread cutting and auto feeding
- Powered longitudinal and cross feeds
- D1-4 camlock spindle for quick chuck changes and safe reverse direction turning. ISO standard
- Dual calibrated dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches

Includes

- 2 Axis digital readout system
- Concertina leadscrew cover
- Slide out front swarf tray
- 3-jaw chuck with reverse jaws
- 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Coolant system
- Change gears
- Dead centres
- Thread-chasing dial
- Safety chuck guard
- Work light
- Stand
- Foot brake
- Rear splash guard & slide out swarf tray
- Tool box
- Instruction booklet

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Specifications

ORDER CODE	L543D
MODEL	AL-346
Swing Over Bed (mm)	330
Distance Between Centres (mm)	600
Spindle Bore (mm)	40
Swing In Gap (mm)	~
Swing Over Cross-slide (mm)	200
Digital Readout System Fitted	Yes
Quick Change Toolpost Fitted	~
Leadscrew Covers Fitted	Yes
Taper Turning Attachment	~
Coolant System	Yes
Tool Height To Suit (mm)	12
Centre Height (mm)	165
Spindle Nose Size or Type	D1-4 Camlock
Bed Width (mm)	181
Headstock Spindle Taper (MT)	5
Tailstock Taper (MT)	3
Cross Slide Travel (mm)	160
Compound Slide Travel (mm)	85
Leadscrew Type	Metric
Metric Cross Feed (X-Axis) (mm/rev)	0.013-0.31
Imperial Cross Feed (X-Axis) (inch/rev)	~
Metric Longitudinal Feed (Z-Axis) (mm/rev)	0.013-0.31
Imperial Longitudinal Feed (Z-Axis) (inch/rev)	~
Metric Thread Steps & Pitch (No. / mm)	32 (0.4 - 7)
Imperial Thread Steps & TPI (No. / TPI)	36 (4 - 60)
3 Jaw Chuck Diameter (mm)	160
4 Jaw Chuck Diameter (mm)	200
Spindle Steps / Speeds (No. / rpm)	16 (70 - 2000)
Motor Power (kW / hp)	1.8 / 2.4
Voltage / Amperage (V / amp)	415 / 10
Nett Weight (kg)	560