

HAFCO-METALMASTER AL-346V**Centre Lathe****Ø330 x 1000mm Turning Capacity - Ø40mm Spindle Bore**

HAFCO-METALMASTER Centre Lathe AL-346V



Left View



Variable Speed Control with Digital Speed Display



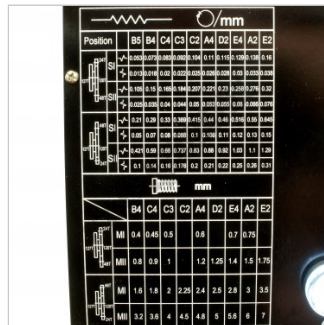
2 Axis Digital Readout



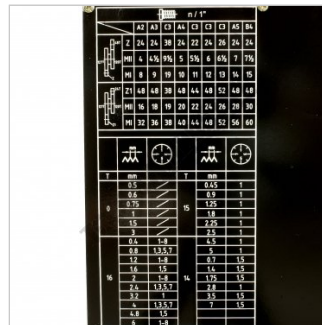
Headstock Controls



Spindle Speed High Low Lever



Metric Feed and Thread Chart



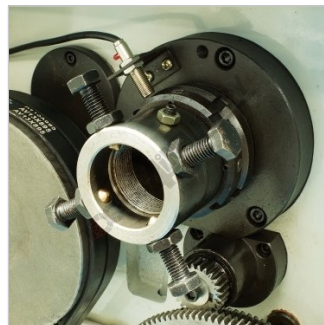
Imperial Thread Chart and Metric Thread Chasing Table



Feed and Thread Gearbox



Safety Chuck Guard



40mm Spindle Bore with Material Support System



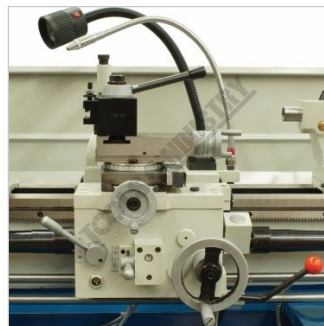
160mm 3 Jaw Chuck



Quick Change Toolpost with 4 Holders



Saddle Left View



Saddle Front View



Saddle Right View

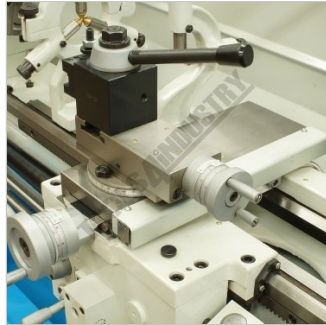


Worklight and Coolant Hose

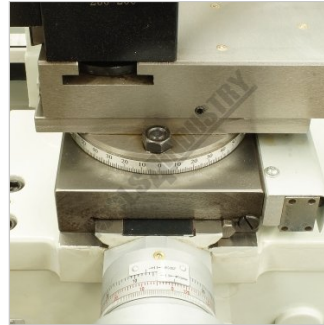
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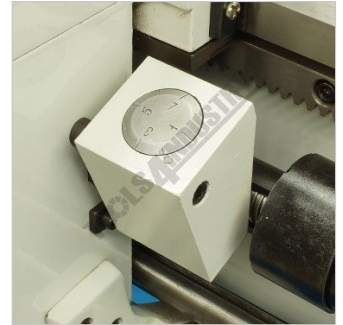
Fixed and Travelling Steadies



Compound Slide



Swivel Compound Slide



Thread Chasing Dial



Forward Reverse Spindle Lever



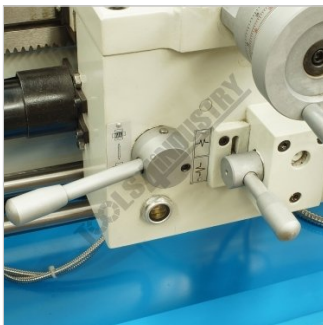
Cross Slide Hand Wheel



Compound Slide Hand Wheel



Saddle Hand Wheel



Feed & Thread Engagement Levers



Leadscrew Covers



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Tailstock Horizontal Adjustment



Footbrake



Slide Out Swarf Tray

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Induction Hardened Bedways

Features

- 2 Axis digital readout system
- Quick change toolpost with 4 holders
- Concertina leadscrew cover
- Electronic infinitely variable inverter spindle speed with digital display
- Gear drive headstock for quick change of spindle speeds
- Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
- Adjustable spindle bore bar support mechanism
- Slide out swarf tray with handle
- Headstock protection rubber matt
- Low voltage LED work light
- Foot operated cut out safety switch for electric motor
- 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
- 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
- Removable gap bed-way for larger diameter jobs
- Dual calibrated dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches
- Coolant system with flexible hose

Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- Slide out front swarf tray
- Quick change tool-post with 4 holders
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres

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- Thread-chasing dial
- LED work light
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

Specifications

ORDER CODE	L555D
MODEL	AL-346V
Swing Over Bed (mm)	330
Distance Between Centres (mm)	1000
Spindle Bore (mm)	40
Swing In Gap (mm)	450
Swing Over Cross-slide (mm)	200
Digital Readout System Fitted	Yes
Quick Change Toolpost Fitted	Yes
Leadscrew Covers Fitted	Yes
Taper Turning Attachment	~
Coolant System	Yes
Tool Height To Suit (mm)	16
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)	0.053 - 1.29
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)	Variable (70 - 2000)
Motor Power (kW / hp)	1.5 / 2
Voltage / Amperage (V / amp)	240 / 10
Nett Weight (kg)	610