

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



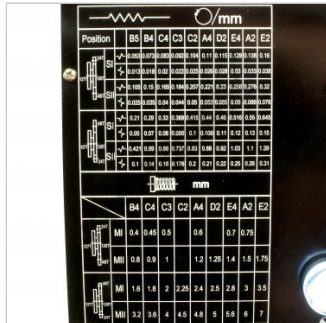
2 Axis Digital Readout



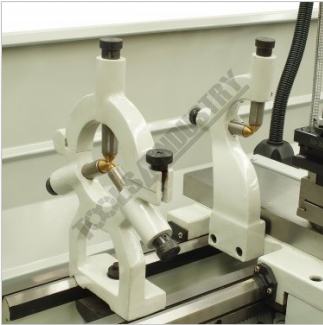
Headstock Controls



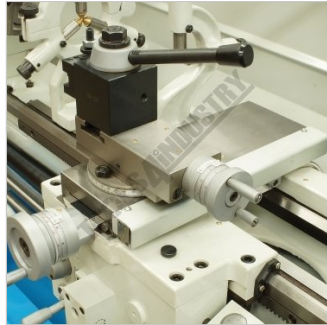
Spindle Speed High Low Lever



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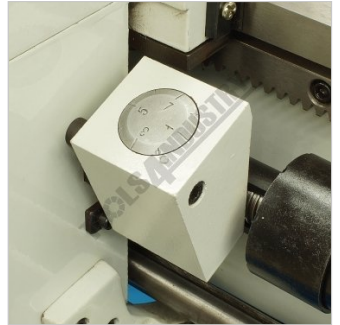
Fixed and Travelling Steadies



Compound Slide



Swivel Compound Slide



Thread Chasing Dial



Forward Reverse Spindle Lever



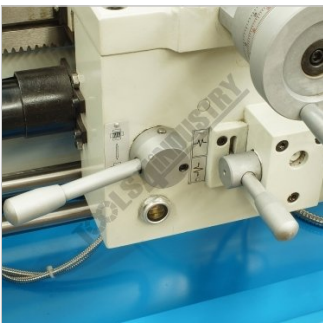
Cross Slide Hand Wheel



Compound Slide Hand Wheel



Saddle Hand Wheel



Feed & Thread Engagement Levers



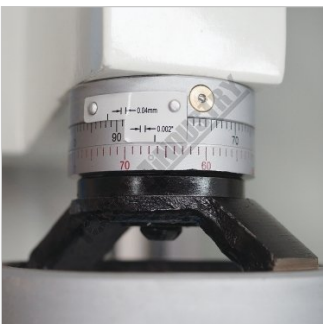
Leadscrew Covers



Tailstock



Tailstock Quill



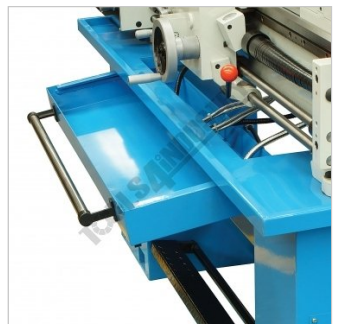
Tailstock Hand Wheel



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