

HAFCO-METALMASTER AL-356V**Centre Lathe****Ø356 x 1000mm Turning Capacity - Ø51mm Spindle Bore**

HAFCO-METALMASTER Centre Lathe AL-356V



2 Axis Digital Readout



Quick Change Toolpost



Headstock Controls



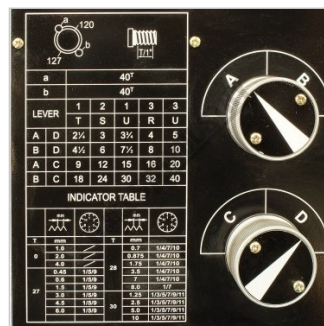
Spindle Speed Controls



Longitudinal and Cross Feed Chart And Metric Thread Chart



Gearbox Feed Controls



Imperial Thread Chart and Indicator Table



Digital Spindle Speed Readout



Rubber Matt Protector



3 Jaw Chuck and Safety Guard



Spindle Bore Bar Support



Adjustable Bar Support Mechanism



Fixed and Travelling Steadies



LED Work Light and Coolant Hose



Thread Chasing Dial



Swivel Compound Table

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Cross Feed Handwheel



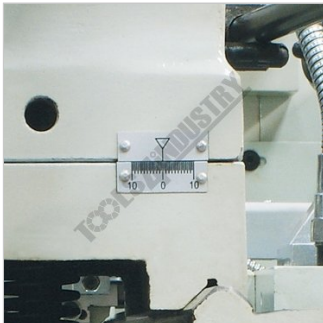
Saddle Feed Handwheel



Automatic Feed and Thread Cutting Levers



Tailstock



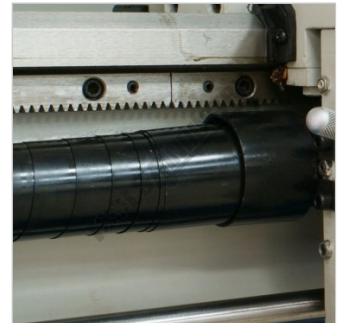
Adjustable Tailstock



Tail Stock Feed Handwheel



Induction Hardened Bed Ways



Leadscrew Covers



Slide Out Swarf Tray



Inverter Drive

Features

- 2 Axis digital readout system
- Quick change toolpost with 4 holders
- Concertina leadscrew cover
- Electronic infinitely variable inverter spindle speed with digital readout
- 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
- 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

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- 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
- D1-5 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
- Low voltage LED work light
- Slide out swarf tray

Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- Slide out front swarf tray
- Quick change tool-post with 4 holders
- 200mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres
- Thread-chasing dial
- LED Work light
- Stand
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

Specifications

ORDER CODE	L565D
MODEL	AL-356V
Swing Over Bed (mm)	356
Distance Between Centres (mm)	1000
Spindle Bore (mm)	51
Swing In Gap (mm)	476
Swing Over Cross-slide (mm)	224
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)	178
Spindle Nose Size or Type	D1-5 Camlock
Bed Width (mm)	187
Headstock Spindle Taper (MT)	6

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Tailstock Taper (MT)	4
Cross Slide Travel (mm)	160
Compound Slide Travel (mm)	68
Leadscrew Type	Metric
Metric Cross Feed (X-Axis) (mm/rev)	0.022 - 0.298
Imperial Cross Feed (X-Axis) (inch/rev)	~
Metric Longitudinal Feed (Z-Axis) (mm/rev)	0.078 - 1.044
Imperial Longitudinal Feed (Z-Axis) (inch/rev)	~
Metric Thread Steps & Pitch (No. / mm)	36 (0.45 - 10)
Imperial Thread Steps & TPI (No. / TPI)	20 (2-1/4 - 40)
3 Jaw Chuck Diameter (mm)	200
4 Jaw Chuck Diameter (mm)	200
Spindle Steps / Speeds (No. / rpm)	Variable (40 - 1800)
Motor Power (kW / hp)	1.5 / 2
Voltage / Amperage (V / amp)	240 / 10
Nett Weight (kg)	650