

## HAFCO-METALMASTER AL-356V



### Centre Lathe

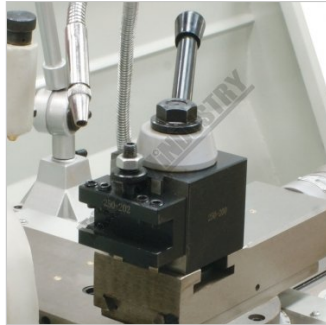
Ø356 x 1000mm Turning Capacity - Ø51mm Spindle Bore



## HAFCO-METALMASTER Centre Lathe AL-356V



2 Axis Digital Readout



Quick Change Toolpost



Headstock Controls



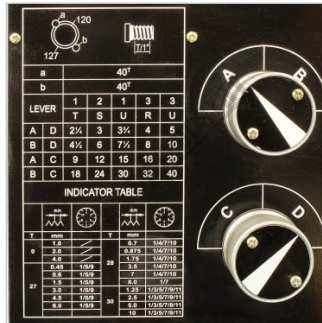
Spindle Speed Controls



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

## HAFCO-METALMASTER Centre Lathe AL-356V



Cross Feed Handwheel



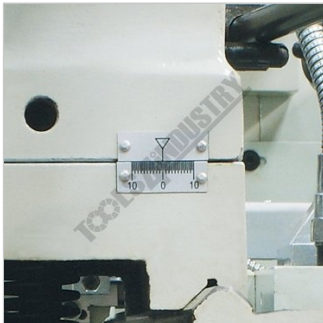
Saddle Feed Handwheel



Automatic Feed and Thread Cutting Levers



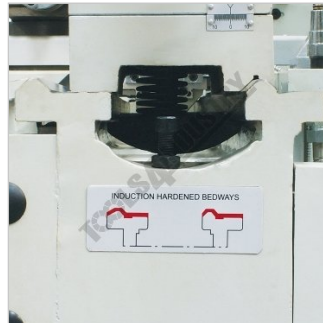
Tailstock



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

<b>ORDER CODE</b>	L565D
<b>MODEL</b>	AL-356V
<b>Swing Over Bed (mm)</b>	356
<b>Distance Between Centres (mm)</b>	1000
<b>Spindle Bore (mm)</b>	51
<b>Swing In Gap (mm)</b>	476
<b>Swing Over Cross-slide (mm)</b>	224
<b>Digital Readout System Fitted</b>	Yes
<b>Quick Change Toolpost Fitted</b>	Yes
<b>Leadscrew Covers Fitted</b>	Yes
<b>Taper Turning Attachment</b>	~
<b>Coolant System</b>	Yes
<b>Tool Height To Suit (mm)</b>	16
<b>Centre Height (mm)</b>	178
<b>Spindle Nose Size or Type</b>	D1-5 Camlock
<b>Bed Width (mm)</b>	187
<b>Headstock Spindle Taper (MT)</b>	6

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