

## HAFCO METALMASTER AL-336D DELUXE



Centre Lathe

300 x 900mm Turning Capacity



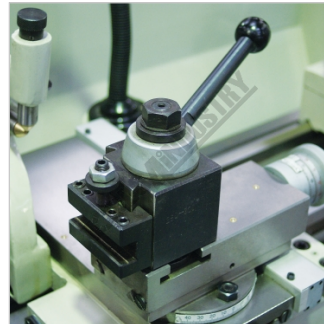
## HAFCO METALMASTER AL-336D DELUXE Centre Lathe



See Videos Tab Below to Watch Demo



2 Axis Digital Read Out



Quick Change Toolpost



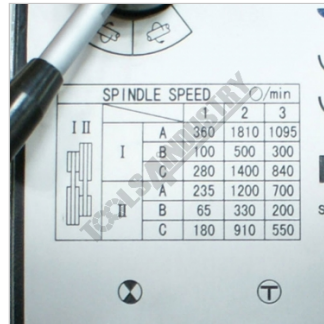
Leadscrew Covers



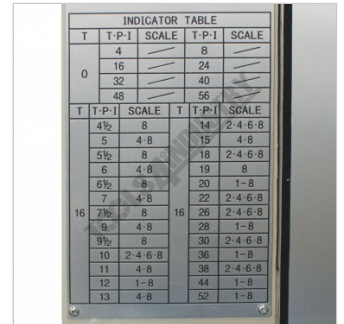
Chuck Guard With Safety Micro Switch



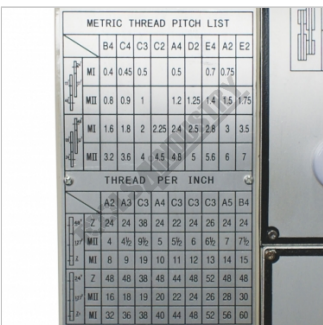
Headstock



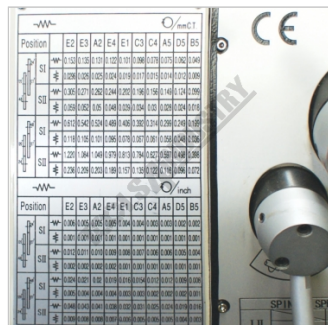
18 Spindle speeds  
65-1810rpm



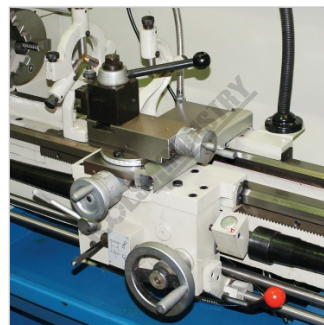
Thread Chase Indicator Table



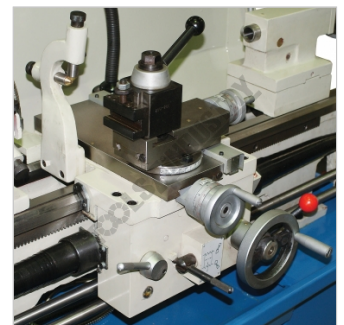
Thread Charts



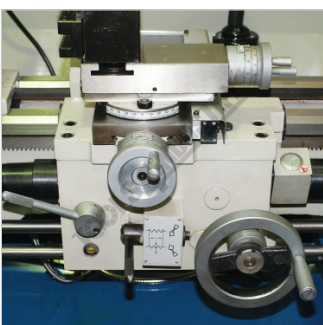
Feed Chart



Saddle Right View



Saddle Left View



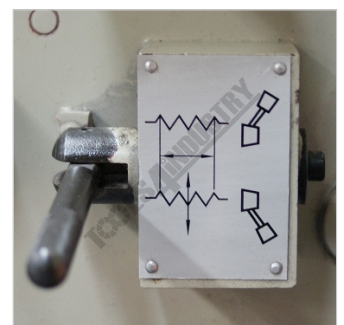
Saddle Controls



Thread Chasing Dial



Forward Reverse Spindle Lever



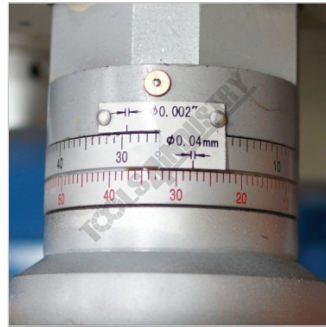
Feed Engagement Lever



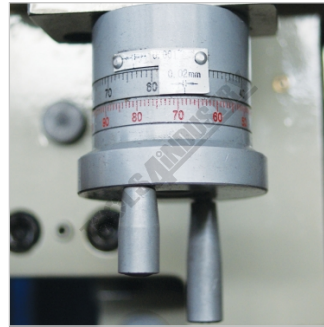
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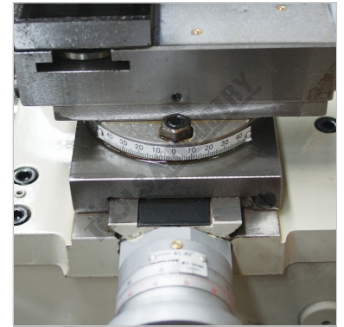
Saddle Hand Wheel



Crossslide Hand Wheel



Compound Slide Hand Wheel



Swivel Compound Slide



Light and Coolant Hose



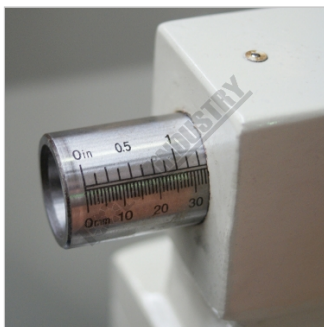
3 Point Steady



2 Point Steady



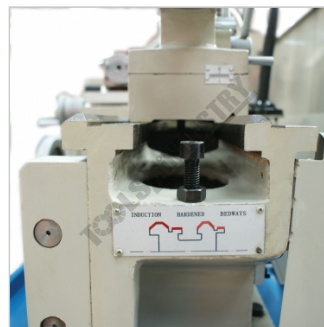
Tailstock



Tailstock Quill



Tailstock Hand Wheel



Induction Hardened Bedways



Included Accessories

### Description

A high quality specification, floor standing, heavy duty metal turning lathe suitable for the keen model engineer, general maintenance and small production work shops. Featuring a precision ground, induction hardened bed, fully gear driven spindle with hardened and ground gears with a speed range of 65 - 1810rpm, selectable via the front of headstock mounted gear selection levers.

2HP single phase 240V motor is supplied on machine, taper roller spindle bearings, range of cross and longitudinal feed speeds selected on a separate gearbox, thread chasing dial, spindle foot brake, chuck guard with safety interlock, guarded leadscrew, splash guard, coolant pump system, work lamp, digital readout on a separate panel.

Supplied with a large range of standard accessories including a 150mm(6") 3 jaw self centring chuck, 200mm(8") 4 jaw independent chuck, face plate and dead centres. 5 to 3 MT reduction sleeve, steady rest, follow rest, quick change tool post with 4 tool holders. The floor stand is supplied with a swarf tray and incorporates a foot brake.



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Change gears and toolbox with maintenance tools.

The overall capacities are 900mm between centres and 300mm swing over the bed. A gap bed facility gives 450mm swing. Thread cutting facilities in Metric & Imperial with a reversible leadscrew, the thread chasing dial provides easy re-engagement of the leadscrew in the correct position. (note the thread chasing dial is designed for imperial only).

### Features

- 2 Axis digital readout
- Quick change toolpost with 4 holders
- 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
- 18 spindle speeds from 65 to 1810rpm
- 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

### Includes

- 2 Axis digital readout system
- Concertina leadscrew cover
- Quick change toolpost with 4 holders
- 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



## HAFCO METALMASTER AL-336D DELUXE Centre Lathe

- Instruction booklet

### Specifications

<b>ORDER CODE</b>	L682D
<b>Model</b>	AL-336D-DELUXE
<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</b>	12mm
<b>Distance Between Centres</b>	900mm
<b>Swing Over Bed</b>	300mm
<b>Swing Over Cross-slide</b>	180mm
<b>Swing In Gap</b>	450mm
<b>Centre Height</b>	150mm
<b>Spindle Bore</b>	38mm
<b>Spindle Nose Size or Type</b>	D1-4 Camlock
<b>Bed Width</b>	180mm
<b>Headstock Spindle Taper</b>	5MT
<b>Tailstock Taper</b>	3MT
<b>Cross Slide Travel</b>	170mm
<b>Compound Slide Travel</b>	75mm
<b>Leadscrew</b>	Imperial
<b>Cross Feed Range (X-Axis)</b>	0.009 - 0.236mm/rev
<b>Longitudinal Feed Range (Z-Axis)</b>	0.04 - 1.2236mm/rev
<b>Metric Thread Steps &amp; Pitch Range</b>	32 (0.4 - 7mm)
<b>Imperial Thread Steps &amp; TPI Range</b>	36 (4 - 60tpi)
<b>3 Jaw Chuck Diameter</b>	160mm
<b>4 Jaw Chuck Diameter</b>	200mm
<b>Spindle Steps / Speed Range</b>	18 (65 - 1810rpm)
<b>Motor Power</b>	1.5kW / 2hp
<b>Voltage</b>	240V
<b>Weight (nett)</b>	595kg