

## **L565D Centre Lathe AL-356V**



**Code:** L565D  
**Model:** AL-356V  
**Capacity:** 356 x 1000mm - 51mm Bore  
**Weight (Nett):** 650  
**Dimensions:** 194 x 76 x 152

### **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
- Low voltage work light
- Foot operated cut out safety switch for electric motor
- 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
- D1-5 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
- Slide out swarf tray

## Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- 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
- Work light
- Cast iron stand
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

## Specifications

<b>CODE</b>	L565D
<b>Model</b>	AL-356V
<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>Tool Height To Suit</b>	16mm
<b>Distance Between Centres</b>	1000mm
<b>Swing Over Bed</b>	356mm
<b>Swing Over Cross-slide</b>	224mm
<b>Swing In Gap</b>	476mm
<b>Centre Height</b>	178mm
<b>Spindle Bore</b>	51mm
<b>Spindle Nose Size or Type</b>	D1-5 Camlock
<b>Bed Width</b>	187mm
<b>Headstock Spindle Taper</b>	6MT
<b>Tailstock Taper</b>	4MT

<b>Cross Slide Travel</b>	160mm
<b>Compound Slide Travel</b>	68mm
<b>Lead Screw</b>	Metric
<b>Cross Feed Range (X-Axis)</b>	0.022-0.298mm/rev
<b>Longitudinal Feed Range (Z-Axis)</b>	0.078-1.044mm/rev
<b>Metric Thread Steps &amp; Pitch Range</b>	32 (0.45-10mm)
<b>Imperial Thread Steps &amp; TPI Range</b>	20 (2-1/4-40TPI)
<b>3 Jaw Chuck Diameter</b>	200mm
<b>4 Jaw Chuck Diameter</b>	200mm
<b>Spindle Steps / Speed Range</b>	Variable (40-1800rpm)
<b>Motor Power</b>	1.5kW / 2hp
<b>Voltage</b>	240V
<b>Weight (nett)</b>	650Kg