

## L689 Bench Lathe TU-2506V



OPTIMUM<sup>®</sup>

**Code:** L689  
**Model:** TU-2506V  
**Capacity:** 250 x 550mm  
**Weight (Nett):** 156  
**Dimensions:** 120 x 56 x 57

### Description

This compact lathe of very modern design has many convenient facilities ideal for the enthusiastic model engineer for small component manufacturer. A very rigid induction hardened cast iron bed with ground slideways gives a high level of precision turning. The lathe capacity is 550mm between the centres and 250mm swing over the bed. This model has a 1200W brushless DC high power motor providing smooth running. A standard feature is the full electronic speed control dial with digital read-out display for the spindle speed.

Other very useful features included are longitudinal power feed, quick lock tailstock and both metric and imperial thread cutting, ranging from 8-56 tpi or 0.2-4mm. Also included are a 4-way indexing tool post with 12mm tool shank capacity, fine adjustment on the tailstock for taper turning and the rear splash guard. A 125mm 3-jaw chuck with reverse jaws is also supplied, the headstock spindle being through bored to 26mm diameter. There are many additional options available including a milling head (BF-16AV) or (BF-20AV) to turn this machine into a very capable all round machining centre.

### Features

- Electronic infinitely variable speed 150-2500rpm
- Easy to read digital readout speed display
- Ribbed prism bed made of grey cast iron
- Inductively hardened and ground bed guideways
- Spindle nose accuracy 0.009mm
- 3 Jaw chuck running accuracy 0.04mm
- Forward & reverse spindle direction switch
- Automatic longitudinal feed
- Metric & Imperial thread cutting
- Enclosed feed and threading gearbox

## Includes

- Change gears for metric & Imperial thread cutting
- Chuck guard
- Toolpost guard
- Dead Centre
- 3-jaw chuck with reversible jaws
- Swarf tray
- Rear splash guard

## Specifications

<b>CODE</b>	L689	<b>Tailstock Taper</b>	2MT
<b>Model</b>	TU-2506V	<b>Cross Slide Travel</b>	110mm
<b>Digital Readout System Fitted</b>	Optional	<b>Compound Slide Travel</b>	70mm
<b>Quick Change Toolpost Fitted</b>	Optional	<b>Leadscrew</b>	Metric
<b>Leadscrew Covers Fitted</b>	~	<b>Cross Feed Range (X-Axis)</b>	~
<b>Taper Turning Attachment</b>	~	<b>Longitudinal Feed Range (Z-Axis)</b>	0.07 - 0.4mm/rev
<b>Coolant System</b>	~	<b>Metric Thread Steps &amp; Pitch Range</b>	21 (0.2 - 4mm)
<b>Tool Height To Suit</b>	12mm	<b>Imperial Thread Steps &amp; TPI Range</b>	21 (8 - 56")
<b>Distance Between Centres</b>	550mm	<b>3 Jaw Chuck Diameter</b>	125mm
<b>Swing Over Bed</b>	250mm	<b>4 Jaw Chuck Diameter</b>	Optional
<b>Swing Over Cross-slide</b>	150mm	<b>Spindle Steps / Speed Range</b>	Variable (150 - 2500 rpm)
<b>Swing In Gap</b>	~	<b>Motor Power</b>	1.2kW / 1.6hp
<b>Centre Height</b>	125mm	<b>Voltage</b>	240V
<b>Spindle Bore</b>	26mm	<b>Weight (nett)</b>	156kg
<b>Spindle Nose Size or Type</b>	Fixed		
<b>Bed Width</b>	135mm		
<b>Headstock Spindle Taper</b>	4MT		