

## L685 Bench Lathe - Mini TU-1503V



OPTIMUM

**Code:** L685  
**Model:** TU-1503V  
**Capacity:** 150 x 300mm  
**Weight (Nett):** 24  
**Dimensions:** 59 x 33 x 27

### Description

Ideal for the model maker machining miniature parts

Small in size but packed full of features, this miniature lathe could provide the perfect introduction to those wanting to start metal turning for the first time.

The machine is small enough to fit into the corner of the workshop and light enough to be truly portable. The construction is predominantly from cast iron and steel and the capacities, 150mm diameter and 300mm between centres, are surprisingly large for a machine of this overall size.

Features such as the electric variable speed control, manual or powered leadscrew feed and an extensive range of accessories. The lathe comes supplied with 80mm diameter three jaw self-centring chuck, tailstock centre and service tools.

### Features

- Electronic infinitely variable speed 160-3000rpm
- Ribbed prism bed made of grey cast iron
- Inductively hardened and ground bed guideways
- Spindle nose accuracy 0.015mm
- 3 Jaw chuck running accuracy 0.05mm
- Forward & reverse spindle direction switch
- Automatic longitudinal feed
- 2 stepped V-belt drive pulley
- Conveniently mounted safety emergency stop switch
- Includes a set of change gears for metric thread cutting

## Includes

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

## Specifications

<b>CODE</b>	L685	<b>Tailstock Taper</b>	1MT
<b>Model</b>	TU-1503V	<b>Cross Slide Travel</b>	55mm
<b>Digital Readout System Fitted</b>	Optional	<b>Compound Slide Travel</b>	40mm
<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>	0.05 - 0.1mm/rev
<b>Coolant System</b>	~	<b>Metric Thread Steps &amp; Pitch Range</b>	8 (0.5 - 1.5mm)
<b>Tool Height To Suit</b>	8mm	<b>Imperial Thread Steps &amp; TPI Range</b>	~
<b>Distance Between Centres</b>	300mm	<b>3 Jaw Chuck Diameter</b>	80mm
<b>Swing Over Bed</b>	150mm	<b>4 Jaw Chuck Diameter</b>	Optional
<b>Swing Over Cross-slide</b>	82mm	<b>Spindle Steps / Speed Range</b>	Variable (160 - 3000 rpm)
<b>Swing In Gap</b>	~	<b>Motor Power</b>	0.45kW / 0.6hp
<b>Centre Height</b>	75mm	<b>Voltage</b>	240V
<b>Spindle Bore</b>	11mm	<b>Weight (nett)</b>	24kg
<b>Spindle Nose Size or Type</b>	Fixed		
<b>Bed Width</b>	70mm		
<b>Headstock Spindle Taper</b>	1MT		