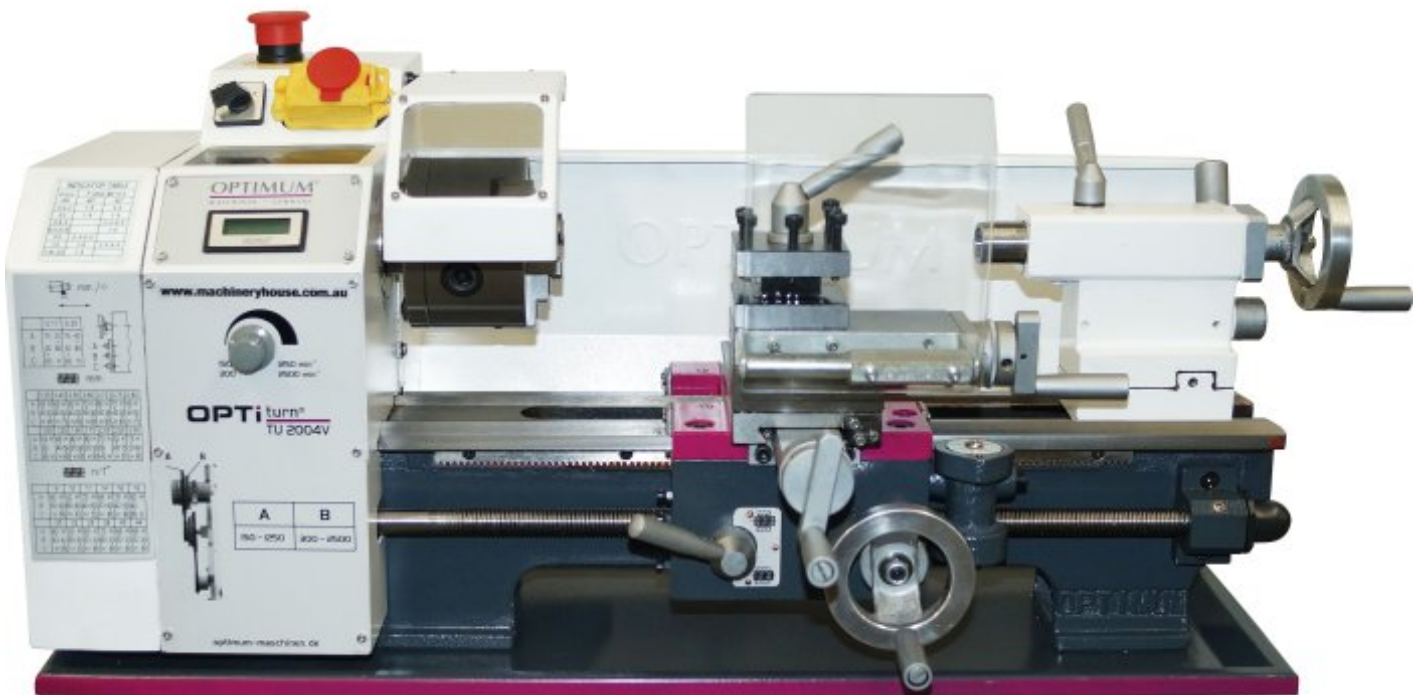


OPTIMUM TU-2004V

OPTIMUM®

Opti-Turn Bench Lathe

Ø200 x 300mm Turning Capacity - Ø21mm Spindle Bore



OPTIMUM Opti-Turn Bench Lathe TU-2004V



Right View



Left View



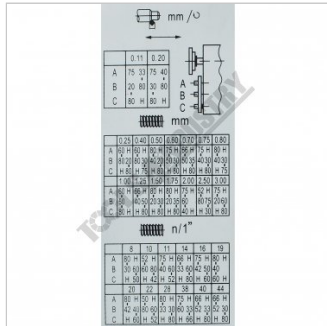
Control Switches



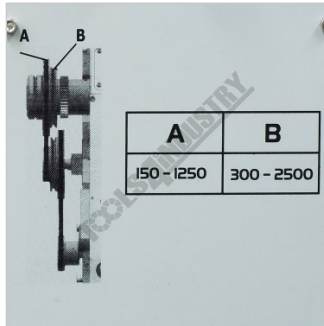
Digital Speed Readout



Headstock Controls



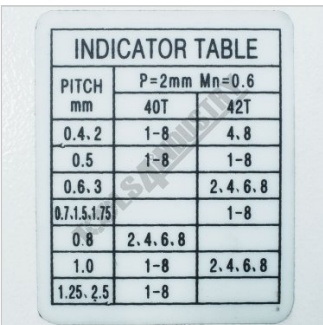
Feed Charts



2 Speed Pulley



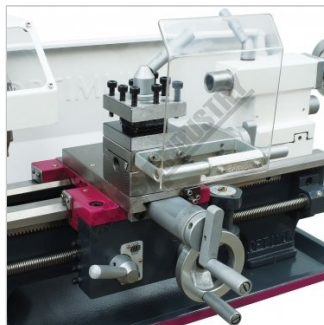
Variable Speed Control



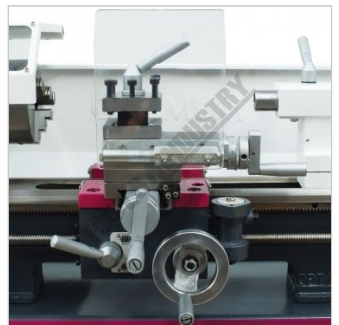
Indicator Table



Safety Chuck Guard



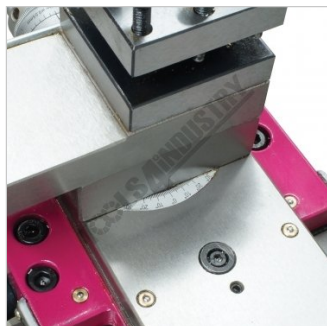
Saddle Left View



Saddle Front View



Saddle Right View



Compound Slide Angle Scale



Thread Chasing Dial



Compound Slide Hand Wheel

OPTIMUM Opti-Turn Bench Lathe TU-2004V



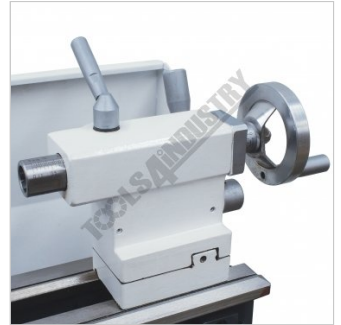
Cross Feed Hand Wheel



Saddle Hand Wheel



Feed Engagement Lever



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Induction Hardened and Ground Bed



Parts



Stand sold separately
Shown with Optional Stand
L688



Stand sold separately
Shown with Optional Stand
L688 Left View

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 with a weight of 75kg the bed is constructed from cast iron for true rigidity. This model turning capacities is 200mm diameter and 300mm between centres and with a 21mm spindle bore its surprisingly large for a machine of this overall size.

Features such as the electric variable speed control, manual or powered leadscrew feed, metric & imperial thread cutting and an extensive range of accessories. The lathe comes supplied with 100mm diameter three jaw self-centring chuck, tailstock centre and service tools.

OPTIMUM Opti-Turn Bench Lathe TU-2004V

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
- Cross slide & bed length are designed to fit Optimum DRO scales

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

ORDER CODE	L687
MODEL	TU-2004V
Swing Over Bed (mm)	200
Distance Between Centres (mm)	300
Spindle Bore (mm)	21
Swing In Gap (mm)	~
Swing Over Cross-slide (mm)	140
Digital Readout System Fitted	Optional
Quick Change Toolpost Fitted	Optional
Leadscrew Covers Fitted	~
Taper Turning Attachment	~
Coolant System	~
Tool Height To Suit (mm)	10
Centre Height (mm)	100
Spindle Nose Size or Type	Fixed
Bed Width (mm)	100
Headstock Spindle Taper (MT)	3
Tailstock Taper (MT)	2
Cross Slide Travel (mm)	75
Compound Slide Travel (mm)	55
Leadscrew Type	Metric
Metric Cross Feed (X-Axis) (mm/rev)	~
Imperial Cross Feed (X-Axis) (inch/rev)	~
Metric Longitudinal Feed (Z-Axis) (mm/rev)	0.1 - 0.2
Imperial Longitudinal Feed (Z-Axis) (inch/rev)	~

OPTIMUM Opti-Turn Bench Lathe TU-2004V

Metric Thread Steps & Pitch (No. / mm)	14 (0.25 - 3)
Imperial Thread Steps & TPI (No. / TPI)	12 (8 - 44")
3 Jaw Chuck Diameter (mm)	100
4 Jaw Chuck Diameter (mm)	Optional
Spindle Steps / Speeds (No. / rpm)	Variable (150 - 2500)
Motor Power (kW / hp)	0.60 / 0.8
Voltage / Amperage (V / amp)	240 / 10
Nett Weight (kg)	75