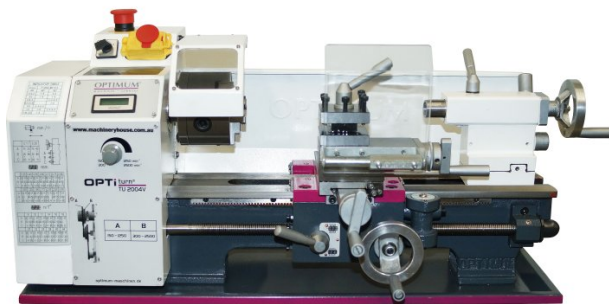


Product Brochure For L687

Opti-Turn Bench Lathe - TU-2004V

Ø200 x 300mm Turning Capacity - Ø21mm Spindle Bore
 Electronic Variable Speeds 150 - 2500rpm



OPTIMUM



On Sale

Ex GST	Inc GST
\$1,350.00	\$1,485.00
\$1,250.00	\$1,375.00

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):	~
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

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.

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

Product Brochure For L687

- 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

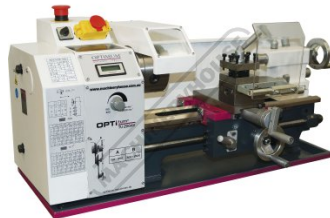
Includes

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

Specific Features



Right View



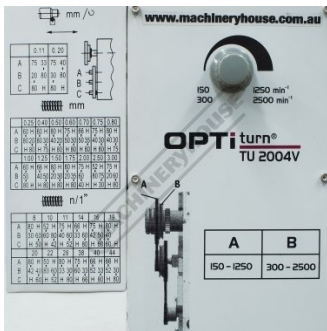
Left View



Control Switches



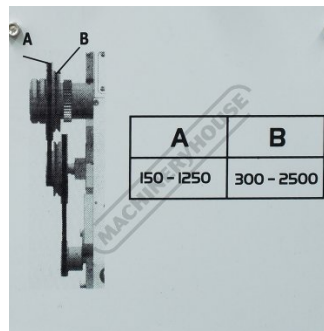
Digital Speed Readout



Headstock Controls



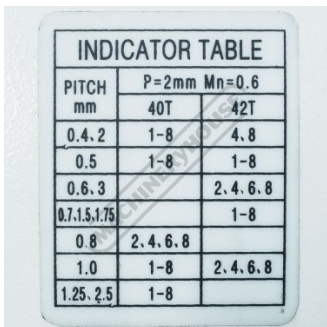
Feed Charts



2 Speed Pulley



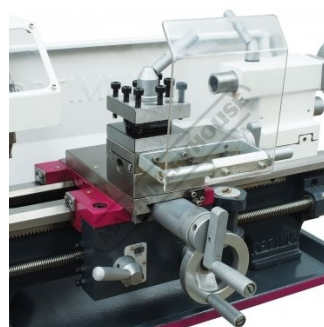
Variable Speed Control



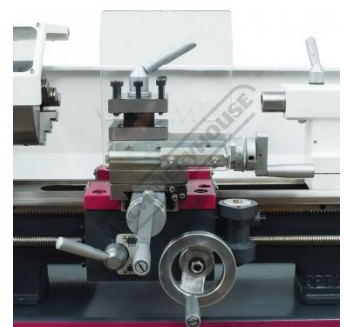
Indicator Table



Safety Chuck Guard



Saddle Left View

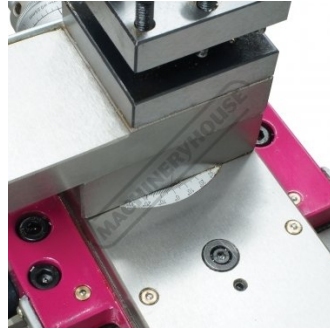


Saddle Front View

Product Brochure For L687



Saddle Right View



Compound Slide Angle Scale



Thread Chasing Dial



Compound Slide Hand Wheel



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

Product Brochure For L687

Recommended Accessories

L688
 Lathe Stand



T773
 Industrial Mobile Tooling Cabinet Workstation



L6875
 4 Jaw Independent Lathe Chuck



L6877
 Lathe Steady - Travelling



L6876
 Lathe Steady - Fixed



D695
 3-Axis Optimum Digital Readout Counter - 1µm



D694
 1500mm Optimum Magnetic Digital Readout Scale



D697
 Optimum Magnetic Digital Readout Reader Head



Product Brochure For L687

P235
Coolant Pump & Tank



L280
Quick Change Toolpost



L276
Mini Vertical Mill Slide



L072
HSS Turning Tool Set - 4 piece



L0055
Lathe Turning Tool Kit - 5 piece
Insert Type



L012
Right Hand Turning Tool Holder



L0121
Left Hand Turning Tool Holder



L020
Right Hand Boring Bar



C050
2MT Live Centre



C289
Heavy Duty Drill Chuck - Keyed
Type



D442
2MT x JT6 Drill Chuck Arbor



D1272
Metric 135° Precision HSS Drill
Set - 25 Piece



Product Brochure For L687

D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



S090A

Soluble Metal Cutting Fluid - 1 Litre



S090

Soluble Metal Cutting Fluid - 5 Litre



S076

Cutting Tool Lubricant Fluid - 500ml



S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075

Cutting Tool Lubricant Paste - 200g



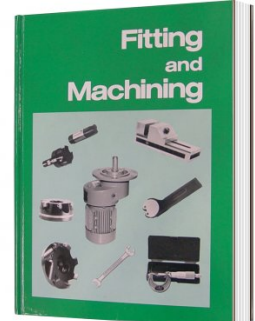
S074

Cutting Tool Lubricant Paste - 500g



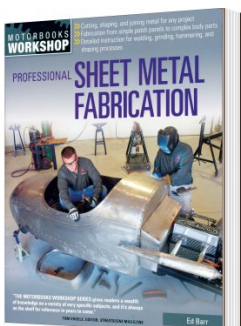
L341

Fitting and Machining Technical Book



L3455

Professional Sheet Metal Fabrication Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



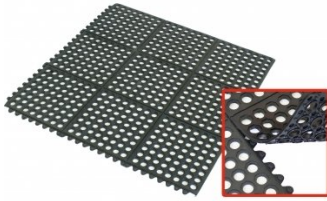
M800

Rubber Mat - Anti-Fatigue



Product Brochure For L687

M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

