

Sydney: (02) 9890 9111 Brisbane: (07) 3715 2200 Melbourne: (03) 9212 4422 Perth: (08) 9373 9999

sales@machineryhouse.com.au www.machineryhouse.com.au

TU-2004V - Opti-Turn Bench Lathe

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



OPTIMUM°







Ex GST Inc GST \$1,595.00 \$1,450.00

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: ~ 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) (mm/rev): ~ Imperial Longitudinal Feed (Z-Axis) ~ (inch/rev): Metric Thread Steps & Pitch (No. / 14 (0.25 - 3) mm): 100 4 Jaw Chuck Diameter (mm):	ORDER CODE:	L687	
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Motor Power (kW / hp): 0.60 / 0.8 Voltage / Amperage (V / amp): 240 / 10	4 Jaw Chuck Diameter (mm):	Optional	
Voltage / Amperage (V / amp): 240 / 10	Spindle Steps / Speeds (No. / rpm):	Variable (150 - 2500)	
	Motor Power (kW / hp):	0.60 / 0.8	
Nett Weight (kg): 75	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 form 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
- Spindle nose accuracy 0.009mm 3 Jaw chuck running accuracy 0.04mm
- Forward & reverse spindle direction switch Automatic longitudinal feed



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Product Brochure For L687

- 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













Shown with Optional Stand L688 Left View

Right View

Front View



Left View



Control Switches



Digital Speed Readout



Headstock Controls



Feed Charts



2 Speed Pulley



Variable Speed Control

INDI	CATOR	TABLE
PITCH mm	P=2mm Mn=0.6	
	40T	42T
0.4.2	1-8	4.8
0.5	1-8	1-8
0.6.3		2.4.6.8
0.7.1.5.1.75	3/	1-8
0.8	2.4.6.8	
1.0	1-8	2.4.6.8
1.25, 2.5	1-8	

Indicator Table



Safety Chuck Guard



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Saddle Left View



Saddle Front View



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





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Recommended Accessories

L688

Lathe Stand

T773

Industrial Mobile Tooling Cabinet Workstation



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

P235

Coolant Pump & Tank











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Product Brochure For L687

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 Precision HSS Drill Set -25 Piece

D1282 Imperial Precision HSS Drill Set - 29 Piece











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S090A

Soluble Metal Cutting Fluid - 1 Litre

S090

Soluble Metal Cutting Fluid - 5

S076

Cutting Tool Lubricant Fluid -

S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g









S075

Cutting Tool Lubricant Paste - 200g

S074

Cutting Tool Lubricant Paste -

L341

Fitting and Machining Technical

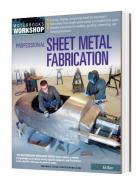
L3455

Professional Sheet Metal Fabrication Book









L300

Magnetic Swarf Remover

M9991

Magnetic Floor Sweeper

M800

Rubber Mat - Anti-Fatigue

M805

Rubber Mat - Anti-Fatigue











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Product Brochure For L687

O000

SpillFix Universal Organic Absorbent



Natural Zeolite Absorbent

O043

Rust & Corrosion Preventive - Penetrant & Lubrication

O042

General Purpose Lubricant & Corrosion Inhibitor









O040

Rust & Corrosion Preventive - Penetrant & Lubrication

O044

Rust & Corrosion Preventive - Penetrant & Lubrication



