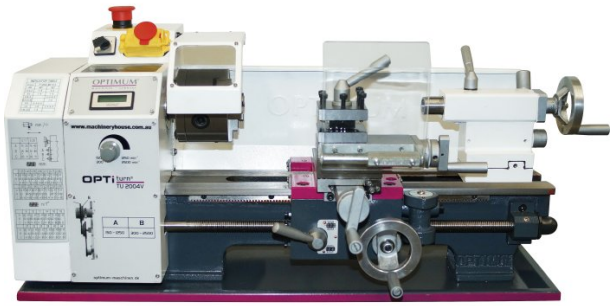
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Product Brochure For L687

Opti-Turn Bench Lathe - TU-2004V

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



Back In Stock Soon

Ex GST	Inc GST
$1,648.00	$1,895.20

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 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

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Product Brochure For L687

- 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

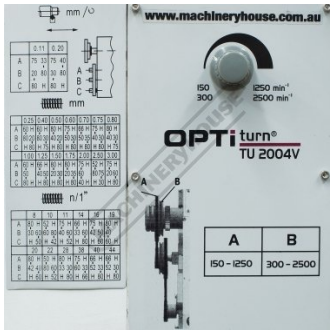

Right View


Left View

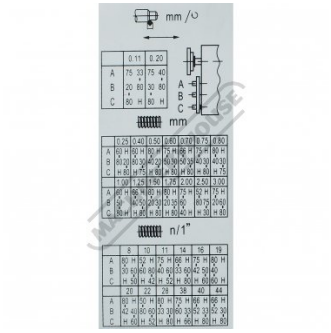

Control Switches

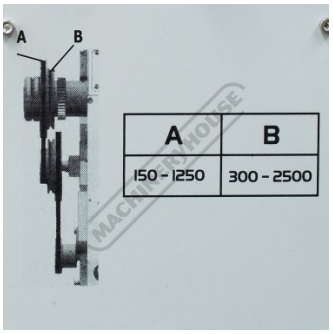


Digital Speed Readout



Headstock Controls

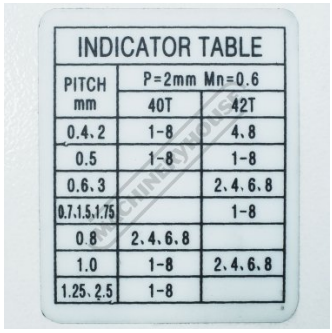

Feed Charts



2 Speed Pulley

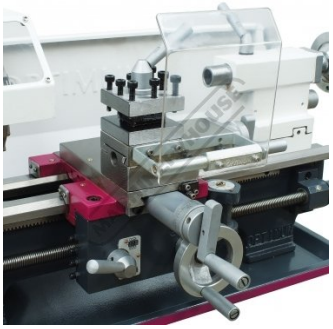


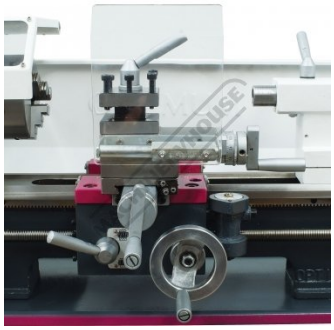
Variable Speed Control



Indicator Table


Safety Chuck Guard


Saddle Left View

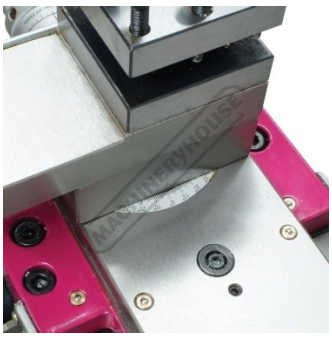

Saddle Front View

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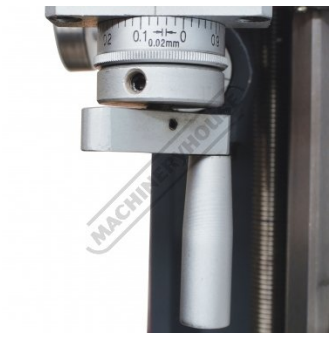
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Product Brochure For L687


Saddle Right View


Compound Slide Angle Scale

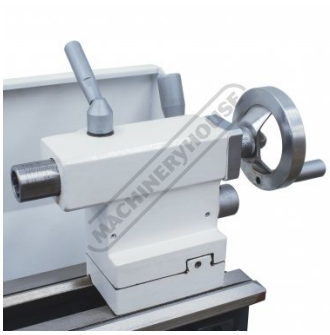

Thread Chasing Dial


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



Shown with Optional Stand L688



Shown with Optional Stand L688 Left View

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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



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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 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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Product Brochure For L687

D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



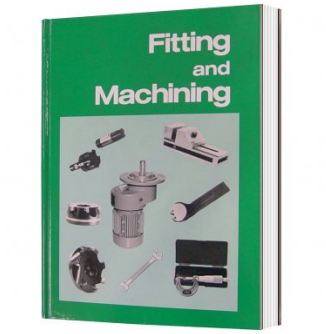
S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



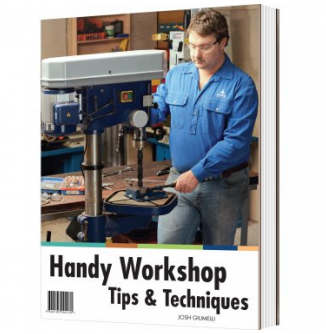
S074
Cutting Tool Lubricant Paste - 500g



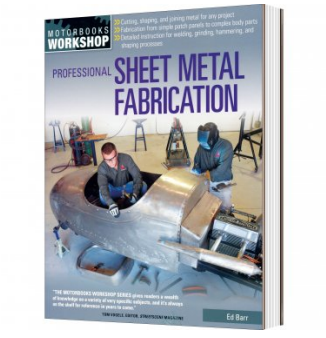
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue

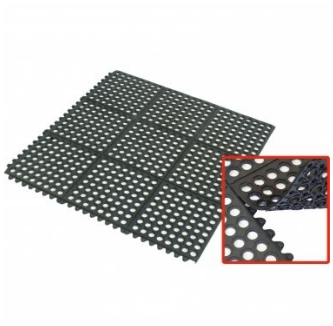


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Product Brochure For L687

M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

