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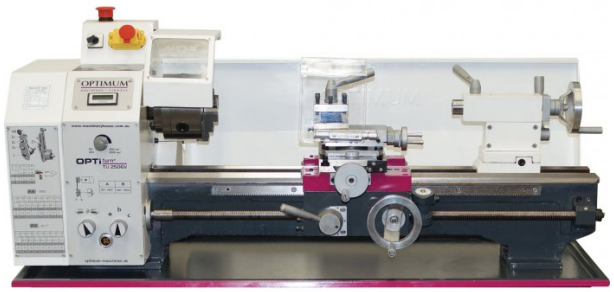
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Product Brochure For L689

Opti-Turn Bench Lathe - TU-2506V

Ø250 x 550mm Turning Capacity - Ø26mm Spindle Bore
Electronic Variable Speeds 150 ~ 2500rpm

Ex GST	Inc GST
$2,251.30	$2,589.00



ORDER CODE:	L689
MODEL:	TU-2506V
Swing Over Bed (mm):	250
Distance Between Centres (mm):	550
Spindle Bore (mm):	26
Swing In Gap (mm):	~
Swing Over Cross-slide (mm):	150
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):	125
Spindle Nose Size or Type:	Fixed
Bed Width (mm):	135
Headstock Spindle Taper (MT):	4
Tailstock Taper (MT):	2
Cross Slide Travel (mm):	110
Compound Slide Travel (mm):	70
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	~
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.07 - 0.4
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	21 (0.2 - 4)
Imperial Thread Steps & TPI (No. / TPI):	21 (8 - 56")
3 Jaw Chuck Diameter (mm):	125
4 Jaw Chuck Diameter (mm):	Optional
Spindle Steps / Speeds (No. / rpm):	Variable (150 - 2500)
Motor Power (kW / hp):	1.2 / 1.6
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	156

Description

This compact lathe of very modern design has many convenient facilities ideal for the enthusiastic model engineer for small component manufacturer. A very rigid induction hardened cast iron bed with ground slideways gives a high level of precision turning. The lathe capacity is 550mm between the centres and 250mm swing over the bed. This model has a 1200W DC high power motor providing smooth running. A standard feature is the full electronic speed control dial with digital read-out display for the spindle speed.

Other very useful features included are longitudinal power feed, quick lock tailstock and both metric and imperial thread cutting, ranging from 8-56 tpi or 0.2-4mm. Also included are a 4-way indexing tool post with 10mm tool shank capacity, fine adjustment on the tailstock for taper turning and the rear splash guard. A 125mm 3-jaw chuck with reverse jaws is also supplied, the headstock spindle being through bored to 26mm diameter. There are many additional options available including a milling head (BF-16AV) or (BF-20AV) to turn this machine into a very capable all round machining centre.

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 L689

- Metric & Imperial thread cutting
- Enclosed feed and threading gearbox
- 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


Front View with Optional Stand


Left View with Optional Stand


Safety Chuck Guard



Electronic Variable Speed Dial



Digital Speed Readout

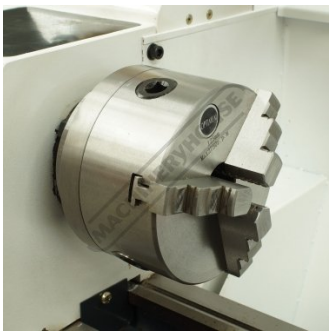


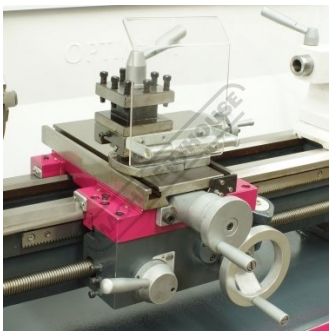
Headstock Controls

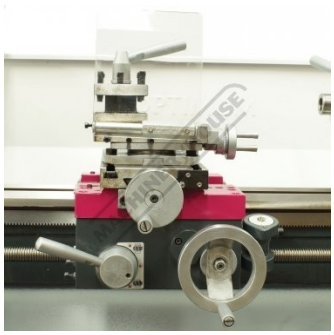


Feed and Thread Gearbox


Controls Switches


3 Jaw Chuck

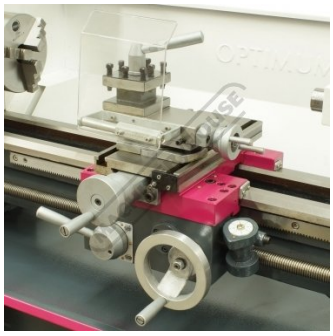

Saddle Left View

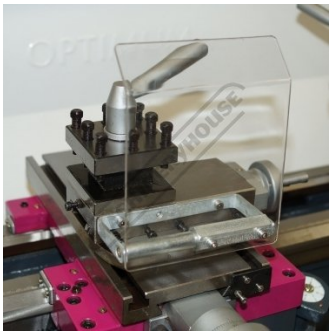

Saddle Front View

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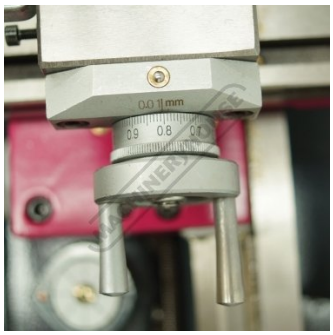
Product Brochure For L689

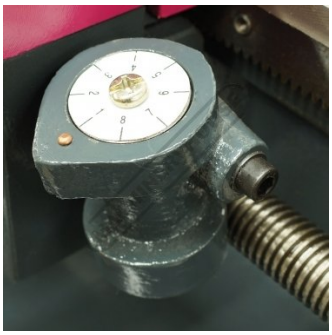

Saddle Right View

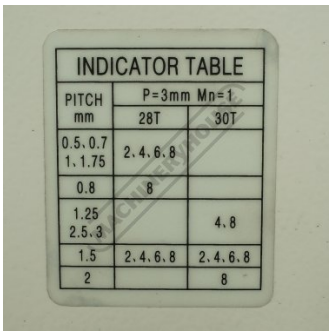

Toopost and Safety Guard


Cross Feed Hand Wheel


Saddle Hand Wheel

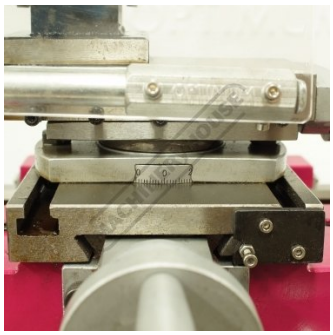

Compound Slide Hand Wheel


Thread Chasing Dial



Thread Chasing Indicator Table


Feed Engagement Lever

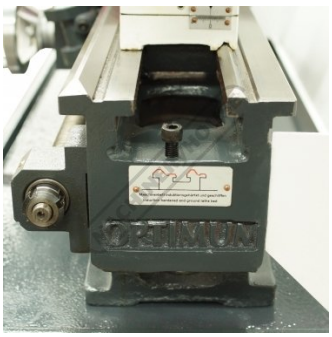

Compound Slide


Tailstock


Tailstock Quil


Tailstock Adjustment


Tailstock Quill Hand Wheel



Induction Hardened and Ground Bed


Stand Drawers


Stand Cupboard

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Product Brochure For L689



Includes Dead Centres, Chuck Keys & Tools

Recommended Accessories

K147
Opti-Turn Lathe & Mill Drill Combination Package Deal



M647
Opti-Mill Head Attachment - Geared & Tilting Head



L690
Lathe Stand



L291
Quick Change Toolpost



C232
4 Jaw Independent Lathe Chuck



L6893
Back Plate



L6897
Lathe Steady - Travelling



L6896
Lathe Steady - Fixed



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Product Brochure For L689

D695
3-Axis Optimum Digital Readout Counter - 1µm



D694
1500mm Optimum Magnetic Digital Readout Scale



D697
Optimum Magnetic Digital Readout Reader Head



P235
Coolant Pump & Tank



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



C290
Heavy Duty Drill Chuck - Keyed Type



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Product Brochure For L689

D442A
2MT x JT3 Drill Chuck Arbor



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



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



D126
Metric 135º Precision HSS M35 COBALT Drill Set - 170 Pieces



S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



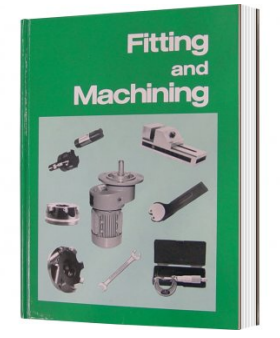
S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



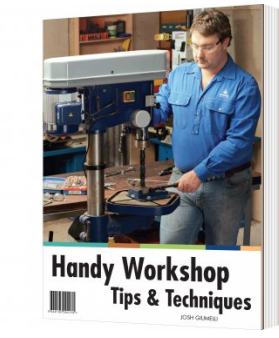
S074
Cutting Tool Lubricant Paste - 500g



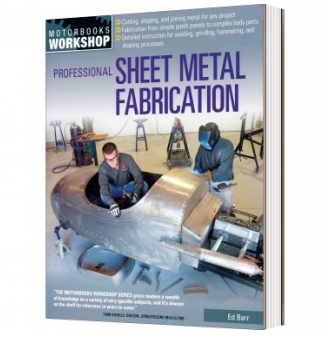
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



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Product Brochure For L689

L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

