

## Product Brochure For L638D

### Centre Lathe - TM-2290G

Ø560 x 2200mm Turning Capacity - Ø105mm Spindle Bore  
Includes Digital Readout System



**On Sale - Back In Stock Soon**

Ex GST

Inc GST

**\$46,056.00**

**\$52,964.40**

**\$45,500.00**

**\$52,325.00**

ORDER CODE:	L638D
MODEL:	TM-2290G
Swing Over Bed (mm):	560
Distance Between Centres (mm):	2200
Spindle Bore (mm):	105
Swing In Gap (mm):	788
Swing Over Cross-slide (mm):	340
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Optional
Leadscrew Covers Fitted:	~
Taper Turning Attachment:	Optional
Coolant System:	Yes
Tool Height To Suit (mm):	25
Centre Height (mm):	280
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	350
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	300
Compound Slide Travel (mm):	200
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.02 - 0.4
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.05 - 0.82
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	24 (0.5 - 14)
Imperial Thread Steps & TPI (No. / TPI):	44 (2 - 56)
3 Jaw Chuck Diameter (mm):	310
4 Jaw Chuck Diameter (mm):	400
Spindle Steps / Speeds (No. / rpm):	12 (16 - 1600)
Motor Power (kW / hp):	7.5 / 10
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2900

### Description

The TM-2290G Industrial quality centre lathe is manufactured in Taiwan to a stringent precision engineering high tolerance & superior excellence to cope with any job or task its set out to achieve by the professional machinist, and importantly to deliver many years of valuable & reliable service.

One of the most forgotten & important feature in a quality lathe is the spindle bore support bearings & generally not mentioned or overlooked because they are hidden well within the headstock of the lathe. Not in this case as the TM-2290G is equipped with 3 x German quality SKF bearings offering excellent spindle support to handle extreme cutting loads to produce accurate work.

Another reliable feature in this range of precision lathes is the manufacturing process of the bed-ways, it is made up from the highest quality Meehanite® cast iron. The key to the undisputed success of Meehanite® metals is the rigid application of its patented manufacturing process to provide ultimate strength & durability performance.

This lathe package is complete with the most desirable features required to turn out quality precise parts we all require from a metal turning lathe.

### Features

— 2 Axis digital readout system

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- Triple SKF German made bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground
- High quality one-piece Meehanite cast base increases rigidity
- Overload protection on drive motor and coolant system
- Universal enclosed gearbox incorporating metric & imperial thread capabilities
- Inching button incorporated on the control panel for convenient spindle speed selection
- Foot operated spindle brake with safety cut out switch
- 350mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 788mm
- Powered longitudinal and cross feeds
- Rapid traverse saddle Z axis
- 2 speed high/low lever on tailstock
- Slide-way mechanical lubrication pump driven via the saddle hand-wheel
- Adjustable 4 position length-stop mechanism for accurate repetitive operation
- Dual calibrated dials incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Roller bearings inserted to assist tail stock movement
- Oil sight glass for head stock, gearbox and apron
- Low voltage LED work light
- D1-8 camlock spindle for quick chuck removal
- 12 Spindle speeds from 16 - 1600rpm
- Large 105mm spindle bore
- 7.5kW / 10HP 415V main motor

### Includes

- 2 Axis digital readout system
- 310mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- 355mm face plate
- Fixed steady with roller bearings
- Travelling steady with roller bearings
- 4-position knock out feed system
- Dead centres
- Thread chasing dial
- Foot brake
- Coolant system
- LED Work light
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

### Specific Features



Left View



2 Axis Digital Readout System



Headstock



Spindle Speeds

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Spindle Speed Selectors



Universal Enclosed Gearbox



Thread Charts



Safety Chuck Guard



Safety Chuck Guard Open



3 Jaw Chuck



Saddle Left View



Saddle Right View



Travelling Steady



Fixed Steady



Coolant System and LED Work Light



Toolpost



Compound Slide Angle Scale



Spindle Engagement Lever



Rapid Longitudinal Buttons and Emergency Stop

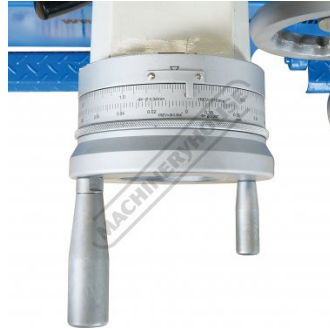


Saddle Lock

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Saddle Hand Wheel



Cross Feed Hand Wheel



Compound Slide Hand Wheel



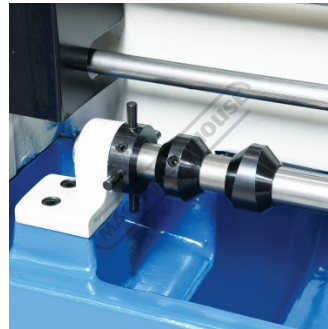
Thread Chasing Dial



Feed & Thread Cutting Engagement Levers



Moveable Leadscrew and Feed Shaft Support



Adjustable 4 Position Length Stop



Tailstock



Tailstock Hand Wheel



2 Speed Tailstock



Tailstock Quill



Meehanite Cast Base



Removable Gap Bed



Foot Brake

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**Recommended Accessories**

L639T  
Taper Turning Attachment

L297  
Quick Change Toolpost

L048  
Right Hand Turning Tool Holder

L049  
Left Hand Turning Tool Holder



L041  
Right Hand Turning Tool Holder

L042  
Left Hand Turning Tool Holder

L453  
Lathe Turning Tool Kit - 3 piece  
Insert Type

L459  
Lathe Threading Tool Kit - Insert  
Type



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**L467**  
Professional Lathe Parting Tool  
Kit - Insert Type



**C047**  
5MT Pipe Centre - 70° Cone



**C290**  
Heavy Duty Drill Chuck - Keyed  
Type



**C294**  
Industrial Drill Chuck - Keyless  
Type



**D454A**  
4MT x JT3 Drill Chuck Arbor



**D425**  
Drill Sleeve - Morse Taper



**D424**  
Drill Sleeve - Morse Taper



**D422**  
Drill Sleeve - Morse Taper



**S090A**  
Soluble Metal Cutting Fluid - 1  
Litre



**S090**  
Soluble Metal Cutting Fluid - 5  
Litres



**S076**  
Cutting Tool Lubricant Fluid -  
500ml



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



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S074  
Cutting Tool Lubricant Paste - 500g



S091  
Soluble Metal Cutting Fluid - 20 Litre



A358  
Sky Hook Lifting Device



A358A  
Chuck Hook



G664  
Lathe Leadscrew Cover Kit



L300  
Magnetic Swarf Remover



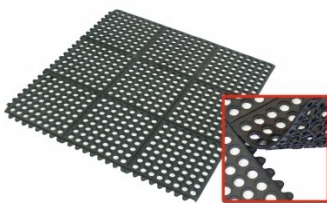
M9991  
Magnetic Floor Sweeper



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant & Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

