

## Product Brochure For L634D

### TM-1960G - Centre Lathe

Ø480 x 1500mm Turning Capacity - Ø80mm Spindle Bore  
Includes Digital Readout System



**On Sale**

Ex GST	Inc GST
<b>\$29,426.00</b>	<b>\$33,839.90</b>
<b>\$26,500.00</b>	<b>\$30,475.00</b>

ORDER CODE:	L634D
MODEL:	TM-1960G
Swing Over Bed (mm):	480
Distance Between Centres (mm):	1500
Spindle Bore (mm):	80
Swing In Gap (mm):	690
Swing Over Cross-slide (mm):	275
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):	240
Spindle Nose Size or Type:	D1-8 Camlock
Bed Width (mm):	300
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	4
Cross Slide Travel (mm):	250
Compound Slide Travel (mm):	125
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):	17 (0.5 - 7)
Imperial Thread Steps & TPI (No. / TPI):	39 (4 - 56)
3 Jaw Chuck Diameter (mm):	275
4 Jaw Chuck Diameter (mm):	320
Spindle Steps / Speeds (No. / rpm):	12 (40 - 2000)
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2250

#### Description

The TM-1960G 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-1960G 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
- 300mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 650mm
- Powered longitudinal and cross feeds
- 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
- Oil sight glass for head stock, gearbox and apron
- Low voltage halogen work light
- Lubrication pump on saddle oiling slides
- D1-8 camlock spindle for quick chuck removal
- 12 Spindle speeds from 40 - 2000rpm
- Large 80mm spindle bore
- 5.5kW / 7.5HP 415V main motor

### Includes

- 2 Axis digital readout system
- 275mm 3-jaw chuck with reverse jaws
- 320mm 4-jaw chuck
- 356mm 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
- Work light
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

### Specific Features



Headstock



2 Axis DRO



Speed Levers



Thread Charts

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Gearbox



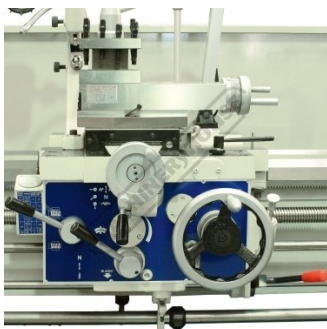
Safety Chuck Guard



Meehanite Cast Bed



Saddle Left View



Saddle Front View



Saddle Right View



Compound Slide



Toolpost



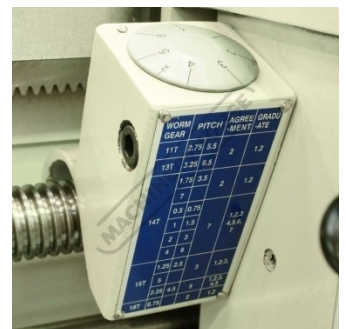
Compound Scale



One Shot Slide Lubrication



Saddle Lock



Thread Chasing Dial



Feed and Threading Levers



Adjustable Auto Feed Knockout



Auto Feed Knockout System



Saddle Hand Wheel

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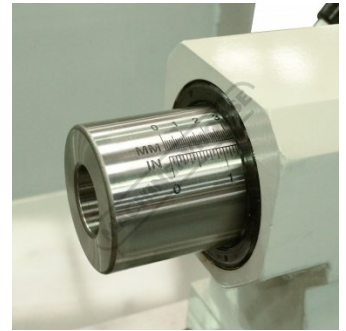
Cross Feed Dial



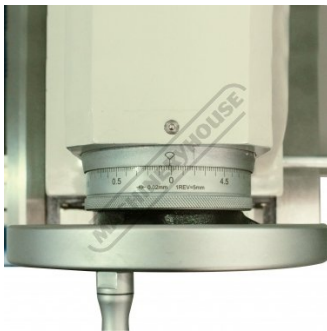
Compound Slide Dial



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Fixed & Travelling Steadies



80mm Spindle Bore



Spindle Engagement Lever



Work Light and Coolant Hose



Foot Brake

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**Recommended Accessories**

L634T  
Taper Turning Attachment



L296  
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



**C054**  
4MT Live Centre



**C046**  
4MT Pipe Centre - 70° Cone



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



**C294**  
Industrial Drill Chuck - Keyless  
Type



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



**D422**  
Drill Sleeve - Morse Taper



**D424**  
Drill Sleeve - Morse Taper



**D1272**  
Metric Precision HSS Drill Set -  
25 Piece



**D1282**  
Imperial Precision HSS Drill Set  
- 29 Piece



**D126**  
Metric Precision HSS Drill Set -  
170 Pieces



**D119**  
Metric 2MT HSS Drill Set



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



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



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



**S074**  
Cutting Tool Lubricant Paste - 500g



**S091**  
Soluble Metal Cutting Fluid - 20 Litre



**G662**  
Lathe Leadscrew Cover Kit



**L300**  
Magnetic Swarf Remover



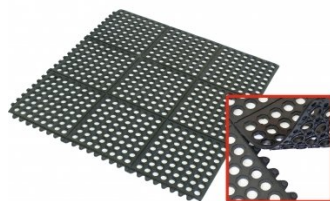
**M9991**  
Magnetic Floor Sweeper



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive - Penetrant & Lubricant



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



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O044

Rust & Corrosion Preventive -  
Penetrant & Lubrication

