

Product Brochure For L634D

Centre Lathe - TM-1960G

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



Ex GST **Inc GST**
\$27,450.00 **\$30,195.00**

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 form 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
- Triple SKF German made bearings supporting headstock spindle
- Adjustable taper roller bearings providing spindle accuracy
- Precision 'V'-beds & headstock gears are all hardened & ground

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- 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 LED 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
- LED Work light
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

Specific Features



Headstock



2 Axis DRO



Speed Levers



Thread Charts



Gearbox



Safety Chuck Guard

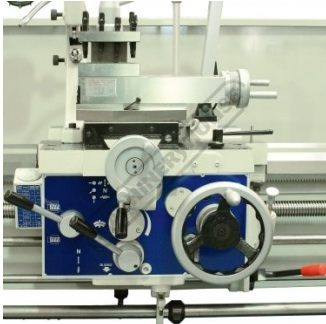


Meehanite Cast Bed

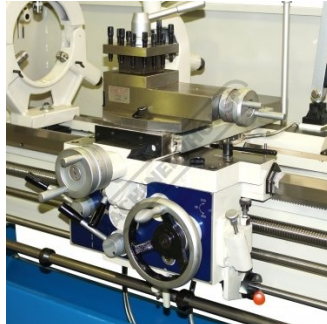


Saddle Left View

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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



Cross Feed Dial



Compound Slide Dial

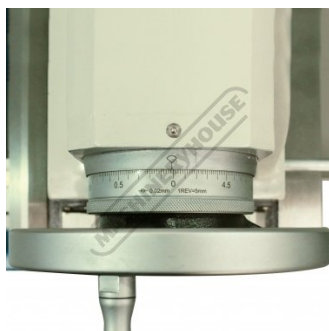


Tailstock



Tailstock Quill

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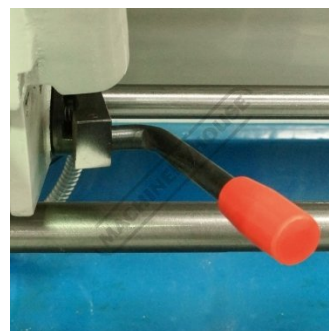
Tailstock Hand Wheel



Fixed & Travelling Steadies



80mm Spindle Bore



Spindle Engagement Lever



LED Work Light and Coolant Hose



Foot Brake

Recommended Accessories

L634T

Taper Turning Attachment

L296

Quick Change Toolpost

L048

Right Hand Turning Tool Holder

L049

Left Hand Turning Tool Holder



Product Brochure For L634D

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



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



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D1272

Metric 135° Precision HSS Drill Set - 25 Piece



D1282

Imperial 135° Precision HSS Drill Set - 29 Piece



D126

Metric 135° Precision HSS Drill Set - 170 Pieces



D119

Metric 2MT HSS Drill Set



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



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



S091

Soluble Metal Cutting Fluid - 20 Litre



G662

Lathe Leadscrew Cover Kit



Product Brochure For L634D

L300
Magnetic Swarf Remover



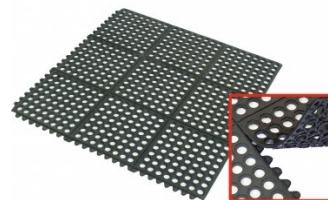
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

