

## Product Brochure For L632D

### Centre Lathe - TM-1740G

Ø430 x 1000mm Turning Capacity - Ø80mm Spindle Bore  
Includes Digital Readout System



**On Sale**

Ex GST	Inc GST
<b>\$29,830.00</b>	<b>\$34,304.50</b>
<b>\$26,000.00</b>	<b>\$29,900.00</b>

ORDER CODE:	L632D
MODEL:	TM-1740G
Swing Over Bed (mm):	430
Distance Between Centres (mm):	1000
Spindle Bore (mm):	80
Swing In Gap (mm):	650
Swing Over Cross-slide (mm):	235
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):	215
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):	1910

### Description

The TM-1740G 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-1740G 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 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

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Gearbox



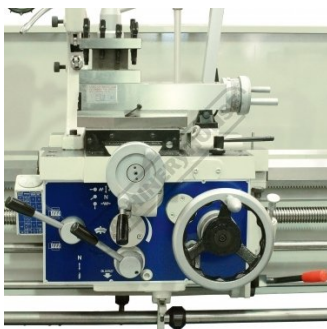
Safety Chuck Guard



Meehanite Cast Bed



Saddle Left View



Saddle Front View



Saddle Right View



Compound Slide



Toolpost



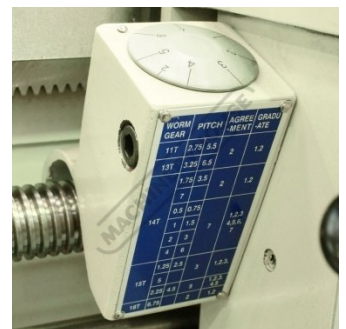
Compound Scale



Saddle Lock



One Shot Slide Lubrication



Thread Chasing Dial



Feed and Threading Levers



Adjustable Auto Feed Knockout



Auto Feed Knockout System



Cross Feed Dial

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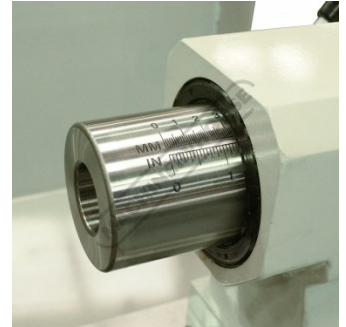
Saddle Hand Wheel



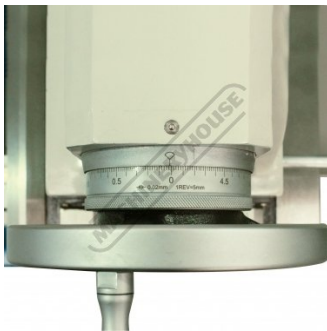
Compound Slide Dial



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Fixed & Travelling Steadies



80mm Spindle Bore



Spindle Engagement Lever



LED Work Light and Coolant Hose



Foot Brake

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**Recommended Accessories**

**L2994**  
Quick Change Toolpost - 40  
Position

**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

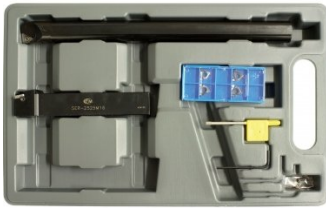
**L042**  
Left Hand Turning Tool Holder

**L453**  
Lathe Turning Tool Kit - 3 piece  
Insert Type



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**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



**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



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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



S074  
Cutting Tool Lubricant Paste -  
500g



S091  
Soluble Metal Cutting Fluid - 20  
Litre



G660  
Lathe Leadscrew Cover Kit



A358  
Sky Hook Lifting Device



A358A  
Chuck Hook



L300  
Magnetic Swarf Remover



M9991  
Magnetic Floor Sweeper



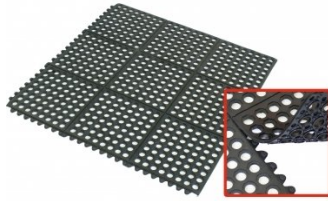
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**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



**O044**  
Rust & Corrosion Preventive

