

Product Brochure For L642D

## Centre Lathe - TM-26120G

Ø660 x 3300mm Turning Capacity - Ø120mm Spindle Bore  
 Includes Digital Readout System



**On Sale**

Ex GST	Inc GST
<b>\$51,450.00</b>	<b>\$56,595.00</b>
<b>\$49,950.00</b>	<b>\$54,945.00</b>

ORDER CODE:	L642D
MODEL:	TM-26120G
Swing Over Bed (mm):	660
Distance Between Centres (mm):	3300*
Spindle Bore (mm):	120
Swing In Gap (mm):	890
Swing Over Cross-slide (mm):	438
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):	330
Spindle Nose Size or Type:	D1-11 Camlock
Bed Width (mm):	400
Headstock Spindle Taper (MT):	7
Tailstock Taper (MT):	5
Cross Slide Travel (mm):	375
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 (12 - 1200)
Motor Power (kW / hp):	11.25 / 15
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	4000



### Description

The TM-26120G 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-26120G 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
- 400mm wide induction hardened heavy duty cast iron bed
- Removable gap bed allowing work piece to swing up to 890mm
- 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 halogen work light
- D1-11 camlock spindle for quick chuck removal
- 12 Spindle speeds from 12 - 1200rpm
- Large 120mm spindle bore
- 11.25kW / 15HP 415V main motor

\* Note: Y travel maybe reduced due to digital readout scales and safety stops

### Includes

- 2 Axis digital readout system
- 310mm 3-jaw chuck with reverse jaws
- 400mm 4-jaw chuck
- 406mm face plate
- 40-285mm Fixed steady with roller bearings
- 40-180mm 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



Spindle Speed Selectors



Universal Enclosed Gearbox



Thread Charts



Safety Chuck Guard

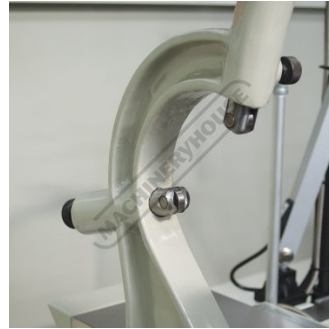
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Saddle Left View



Fixed & Travelling Steadies



2 Point Travelling Steady



Saddle Front View



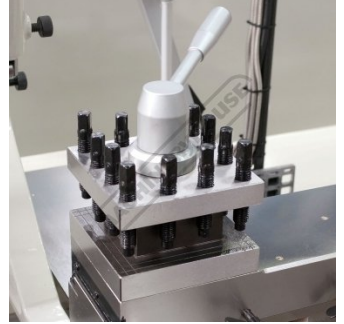
Saddle Right View



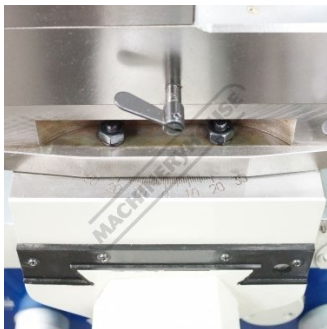
Digital Readout System



Coolant System and Work Light



Toolpost



Compound Slide Angle Scale



Spindle Engagement Lever



Rapid Longitudinal Buttons



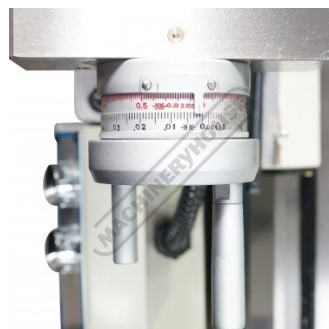
Saddle Lock



Saddle Hand Wheel



Cross Feed Hand Wheel



Compound Slide Hand Wheel



Thread Chasing Dial

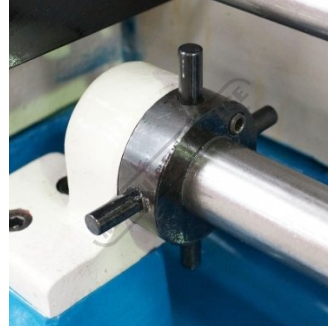
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Feed Engagement Levers



Moveable Leadscrew and Feed Shaft Support



Adjustable 4 Position Length Stop



Tailstock Hand Wheel



2 Speed Tailstock



Tailstock Quill



Mechanite Cast Bed



Removable Gap Bed



Footbrake

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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  
 Litre



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



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



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S075  
Cutting Tool Lubricant Paste - 200g



S074  
Cutting Tool Lubricant Paste - 500g



S091  
Soluble Metal Cutting Fluid - 20 Litre



G666  
Lathe Leadscrew Cover Kit



A358  
Sky Hook Lifting Device



A358A  
Chuck Hook



L300  
Magnetic Swarf Remover



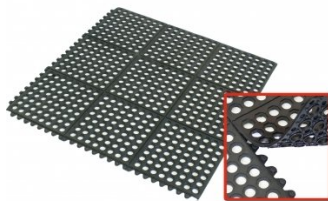
M9991  
Magnetic Floor Sweeper



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



O000  
SpillFix Universal Organic Absorbent



O043  
Rust & Corrosion Preventive



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O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

