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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 |
|---|---|---|
| | ~~$50,450.00~~ | ~~$55,495.00~~ |
| | $48,950.00 | $53,845.00 |




| | |
|---|---|
| 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 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~~

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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

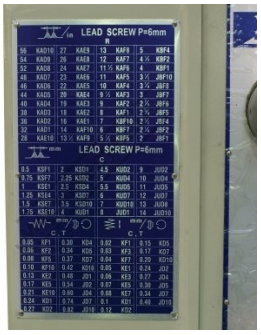
## Specific Features



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

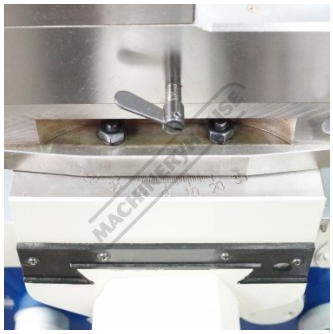

Saddle Right View



Digital Readout System


Coolant System and Work Light

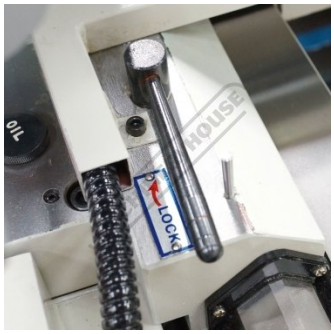

Toolpost


Compound Slide Angle Scale


Spindle Engagement Lever



Rapid Longitudinal Buttons



Saddle Lock


Saddle Hand Wheel

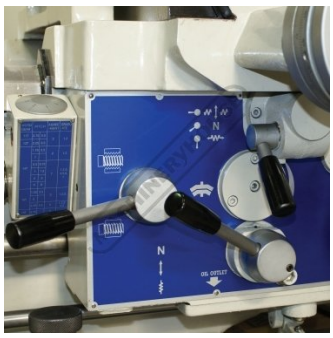

Cross Feed Hand Wheel


Compound Slide Hand Wheel

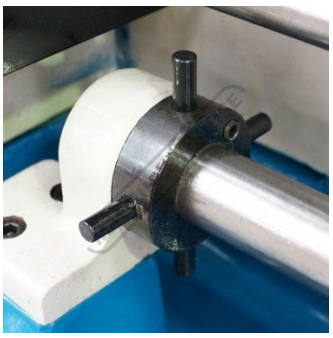

Thread Chasing Dial

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# Product Brochure For L642D


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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# Product Brochure For L642D

L467
Professional Lathe Parting Tool Kit - Insert Type




C047
5MT Pipe Centre - 70º 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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# Product Brochure For L642D

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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# Product Brochure For L642D

O042
General Purpose Lubricant & Corrosion Inhibitor




O040
Rust & Corrosion Preventive




O044
Rust & Corrosion Preventive

