

Product Brochure For Z02790

Centre Lathe - TM-1740G

Ø430 x 1000mm Turning Capacity - Ø80mm Spindle Bore
 WA TAFE Specification



Ex GST **Inc GST**
\$29,850.00 **\$32,835.00**

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 centre lathe is manufactured in Taiwan to precision standards, delivering the accuracy, durability and reliability demanded by professional machinists.

Designed for heavy-duty performance, it features three premium German SKF spindle bearings for exceptional spindle support under high cutting loads, while the Meehanite® cast iron bed provides superior rigidity, stability and long service life.

Supplied with all the essential features expected of a high-quality precision lathe, the TM-1740G is built to consistently produce accurate, professional results for years to come.

Backed by a comprehensive 2-year machine warranty for added peace of mind

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
- 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

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- 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
- Metric calibrated dials to apron, cross slide, compound slide and tailstock
- 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 IE-3 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
- Quick change toolpost with 4 holders
- Taper turning attachment
- Leadscrew cover
- 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

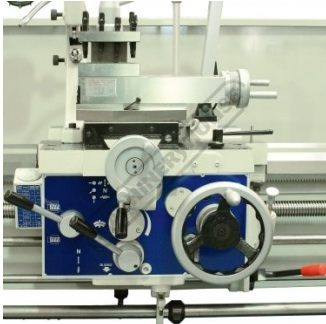


Meehanite Cast Bed

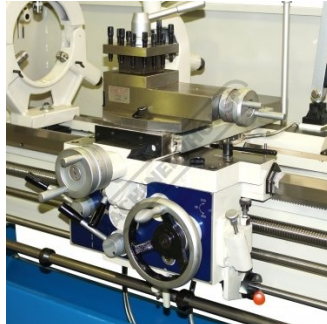


Saddle Left View

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Saddle Front View



Saddle Right View



Compound Slide



Toolpost



Compound Scale



Saddle Lock



One Shot Slide Lubrication



Thread Chasing Dial



Feed and Threading Levers



Adjustable Auto Feed Knockout



Auto Feed Knockout System



Cross Feed Dial



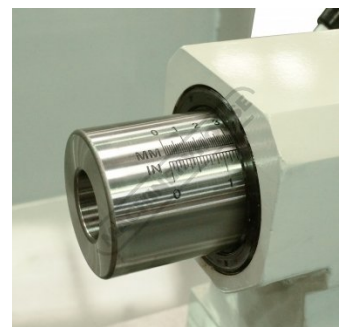
Saddle Hand Wheel



Compound Slide Dial

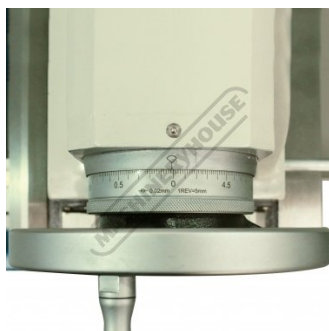


Tailstock



Tailstock Quill

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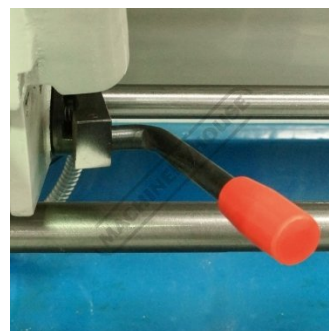
Tailstock Hand Wheel



Fixed & Travelling Steadies



80mm Spindle Bore



Spindle Engagement Lever



LED Work Light and Coolant Hose



Foot Brake

Recommended Accessories

L2994

Quick Change Toolpost - 40
Position

L634T

Taper Turning Attachment

L296

Quick Change Toolpost

L048

Right Hand Turning Tool Holder



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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



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 Type



D422

Drill Sleeve - Morse Taper



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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



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



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G660

Lathe Leadscrew Cover Kit



A358

Sky Hook Lifting Device



A358A

Chuck Hook



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



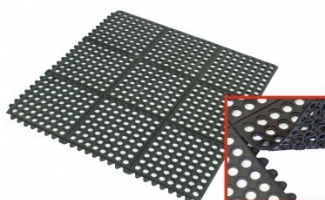
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

