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Product Brochure For Z02790

Centre Lathe - TM-1740G

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



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
- Foot operated spindle brake with safety cut out switch

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- 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



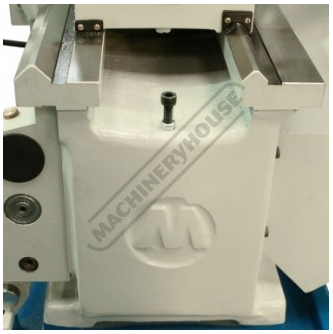
Speed Levers

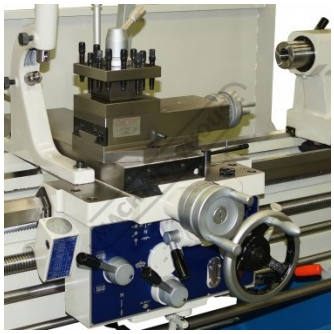


Thread Charts


Gearbox

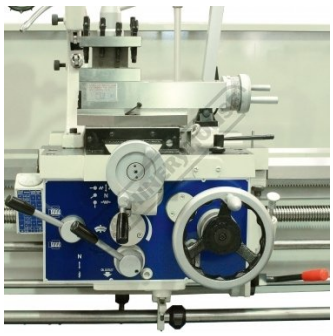

Safety Chuck Guard

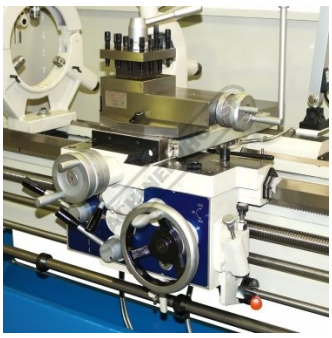

Meehanite Cast Bed


Saddle Left View

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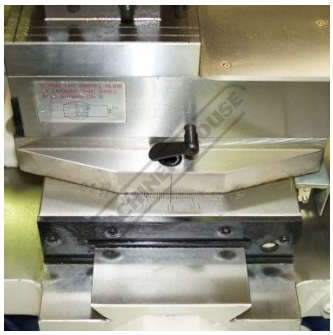
Product Brochure For Z02790


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

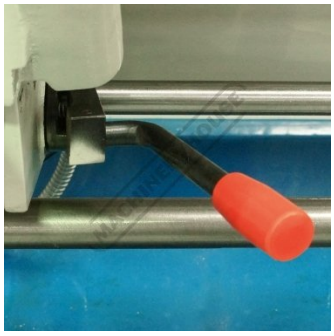
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Product Brochure For Z02790


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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Product Brochure For Z02790

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 - 70º 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



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Product Brochure For Z02790

D424
Drill Sleeve - Morse Taper



D1272
Metric 135º Precision HSS M35 COBALT Drill Set - 25 Piece



D1282
Imperial 135º Precision HSS M35 COBALT Drill Set - 29 Piece



D126
Metric 135º Precision HSS M35 COBALT 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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Product Brochure For Z02790

G660
Lathe Leadscrew Cover Kit



A358
Sky Hook Lifting Device



A358A
Chuck Hook



L300
Magnetic Swarf Remover



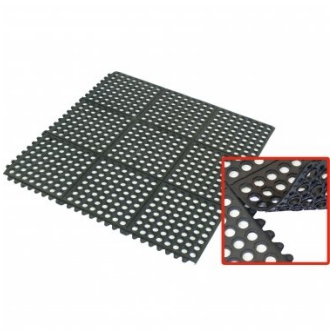
M9991
Magnetic Floor Sweeper



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

