

HAFCO-METALMASTER TM-1740G**Centre Lathe****Ø430 x 1000mm Turning Capacity - Ø80mm Spindle Bore**

HAFCO-METALMASTER Centre Lathe TM-1740G



Headstock



2 Axis DRO



Speed Levers



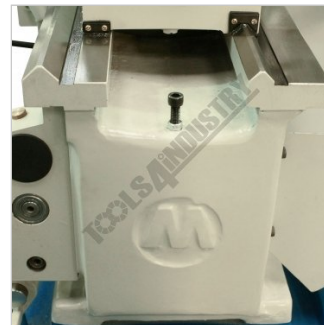
Thread Charts



Gearbox



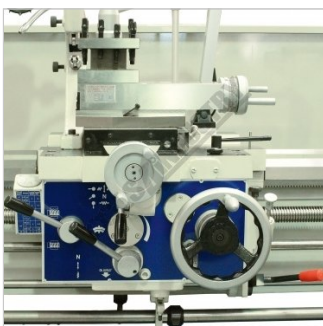
Safety Chuck Guard



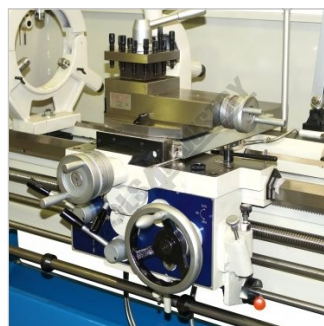
Meehanite Cast Bed



Saddle Left View



Saddle Front View



Saddle Right View



Compound Slide



Toolpost



Compound Scale



Saddle Lock



One Shot Slide Lubrication



Thread Chasing Dial

HAFCO-METALMASTER Centre Lathe TM-1740G



Feed and Threading Levers



Adjustable Auto Feed Knockout



Auto Feed Knockout System



Cross Feed Dial



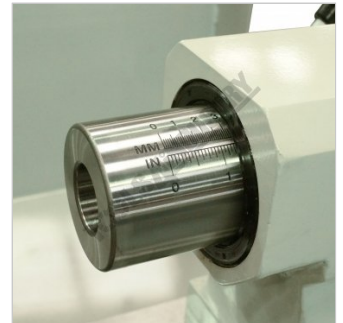
Saddle Hand Wheel



Compound Slide Dial



Tailstock



Tailstock Quill



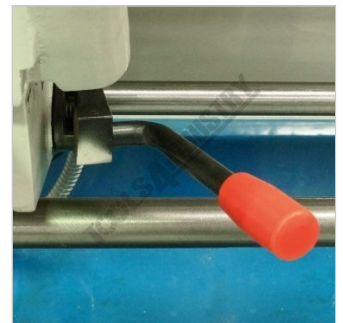
Tailstock Hand Wheel



Fixed & Travelling Steadies



80mm Spindle Bore



Spindle Engagement Lever



LED Work Light and Coolant Hose



Foot Brake

HAFCO-METALMASTER Centre Lathe TM-1740G

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
- 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

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- Foot brake
- Coolant system
- LED Work light
- Rear splash guard
- Spindle reducing bush
- Instruction booklet

Specifications

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