

HAFCO METALMASTER TM-1960G



Centre Lathe

480 x 1500mm Turning Capacity - 80mm Spindle Bore



HAFCO METALMASTER TM-1960G Centre Lathe



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



One Shot Slide Lubrication



Saddle Lock



Thread Chasing Dial

HAFCO METALMASTER TM-1960G Centre Lathe



Feed and Threading Levers



Adjustable Auto Feed Knockout



Auto Feed Knockout System



Saddle Hand Wheel



Cross Feed Dial



Compound Slide Dial



Tailstock



Tailstock Quill



Tailstock Hand Wheel



Fixed & Travelling Steadies



80mm Spindle Bore



Spindle Engagement Lever



Work Light and Coolant Hose



Foot Brake

HAFCO METALMASTER TM-1960G Centre Lathe**Description**

Manufactured in Taiwan

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
- Dual calibrated dials incorporating metric & imperial graduations
- Coolant system with flexible hose enabling operator to manipulate flow direction
- Oil sight glass for head stock, gearbox and apron
- Low voltage halogen 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 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
- 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

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Specifications

ORDER CODE	L634D
MODEL	TM-1960G
Swing Over Bed (mm)	480
Distance Between Centres (mm)	1500
Spindle Bore (mm)	80
Swing In Gap (mm)	690
Swing Over Cross-slide (mm)	275
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)	240
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
Shipping Dimensions (L x W x H) (cm)	279 x 106 x 162
Nett Weight (kg)	2250