

HAFCO-METALMASTER BM-53VE



Industrial Turret Milling Machine

Table Travel: (X) - 890mm (Y) - 400mm (Z) - 415mm



HAFCO-METALMASTER Industrial Turret Milling Machine BM-53VE



Front View



Left View



Control Panel & 3 Axis Digital Readout



Head Close Up



Variable Speed Hand Wheel



Variable Speed Digital Display



Spindle Brake Lever



Drawbar



High Low Speed Range Selection Lever



Quill Feed Engage Lever



Feed Speed Selector Lever



Tail Lug Spigot Supports Slotting Head



Table Feed Limit Switches



X Axis Power Feed with Rapid

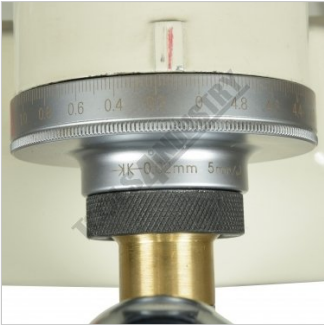


X Axis Dial Graduations

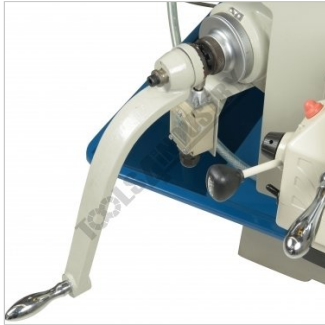


Y Axis Power Feed with Rapid

HAFCO-METALMASTER Industrial Turret Milling Machine BM-53VE



Y Axis Dial Graduations



Z Axis Handle



Z Axis Dial



Z Axis Elevating Motor



Rear Slideway Protection Cover



Manual Slideway Lubrication Pump



Work Light and Coolant Hose



Machine Vice



Included Accessories

Description

Quality product representing excellent value

HAFCO-METALMASTER Industrial Turret Milling Machine BM-53VE**Features**

- 3 Axis digital readout fitted
- 5HP 415V motor with mechanical variable speed system
- NT40 Spindle taper with a chrome & ground quill
- Digital speed readout display for accurate cutter speed
- Hardened & ground work table & slide-ways
- Square construction slides for Y & Z-Axis to maximise rigidity
- Powered elevating motor for Z-Axis
- Meehanite casting for high strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Horizontal travelling ram mounted on a rotating base allowing repositioning of spindle
- The ram incorporates a tail lug (spigot) to accept a slotting attachment etc.
- High / neutral and low gear selection lever to maximise torque
- X & Y-Axis power-feed with adjustable micro switch feed stops
- Micro switch on the manual knee handle for additional operator safety
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.04, 0.08, 0.15mm/rev
- Automatic cut off depth stop on quill
- Oil lubrication pump and reservoir
- Slide-way covers Y & Z-Axis
- Mill head tilts to $\pm 45^\circ$ forward and back
- Mill head tilts to $\pm 90^\circ$ left and right
- Manual quick action quill lever
- Mechanical spindle brake
- Tool box and manual

Includes

- 3 Axis digital readout fitted
- Digital speed readout display
- Z-Axis powered elevating motor
- X & Y-Axis power-feeds
- One-shot oil lubrication pump and reservoir
- Machine vice (160mm)
- Clamp kit
- Drawbar M16 thread
- Coolant system
- Slideway covers
- Halogen light
- Safety cutter guard
- Swarf tray

HAFCO-METALMASTER Industrial Turret Milling Machine BM-53VE

Specifications

ORDER CODE	M597D
MODEL	BM-53VE
Digital Readout	3-Axis Digital Readout
Type	Vertical
Table Size (mm)	1370 x 254
Column Type	~
Spindle Taper - Vertical	NT40
Spindle Taper - Horizontal	~
Longitudinal Travel (X-Axis) (mm)	890
Cross Travel (Y-Axis) (mm)	400
Vertical Travel (Z-Axis) (mm)	415
Type of Slides	Dovetail (X), Square (Y & Z)
Ram Travel (mm)	555
Spindle to Table (mm)	465
Spindle to Base	~
Spindle Travel / Diameter (mm)	127 / 86
Throat Depth (max.) (mm)	635
Tilting Head (Left ~ Right)	±90°
Tilting Head (Forward ~ Back)	±45°
Drilling Capacity (mm)	~
End Milling Capacity (mm)	~
Face Milling Capacity (mm)	~
Power Feed - Quill (mm/rev)	0.04 / 0.08 / 0.15
Power Feed - Longitudinal (X-Axis) (mm/min)	20 - 2000
Power Feed - Cross (Y-Axis) (mm/min)	20 - 2000
Power Feed - Vertical (Z-Axis) (mm/min)	Rapid
Table T-Slot Size (inch / mm)	16
Work Table Load Capacity (kg)	350
Spindle Speeds Vertical (No./ rpm)	Variable (50 - 3550)
Spindle Speeds Horizontal (No./ rpm)	~
Spindle Speeds - Universal Head	~
Motor Power - Vertical Spindle (kW / hp)	3.75 / 5
Motor Power - Horizontal Spindle (kW / hp)	~
Motor Power - Universal Head	~
Voltage / Amperage (V / amp)	415
Nett Weight (kg)	1545