



HAFCO-METALMASTER BM-52VE

Industrial Turret Milling Machine

Table Travel: (X) - 860mm (Y) - 425mm (Z) - 400mm



HAFCO-METALMASTER Industrial Turret Milling Machine BM-52VE



Left View



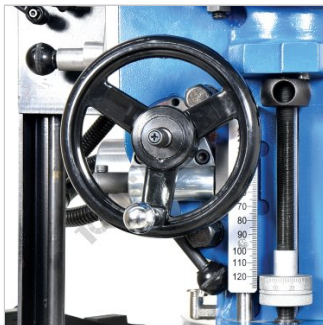
Control Panel



Axis Digital Readout System



Safety Milling Guard



Quill Feed Depth Stop



Feed Range Selector



Halogen Worklight Coolant Hose



Table Feed Limit Switches



Quill Feed Engagement Lever



Head Controls



Head Right View



Head Left View



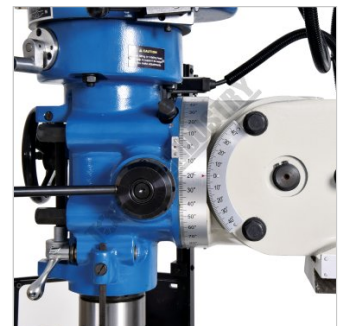
X Axis Dial



Feed Engage Disengage Drive



Feed Engage Disengage Drive 2



Universal Tilting and Rotating Head

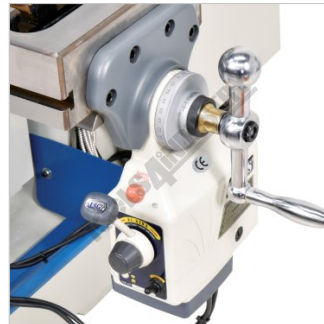
HAFCO-METALMASTER Industrial Turret Milling Machine BM-52VE



Adjustable Swivel Sliding Ram



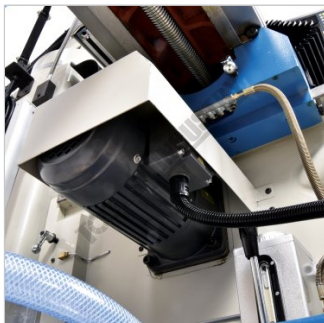
Tail Lug Spigot Supports Slotting Head



X Axis Power Feed With Rapid



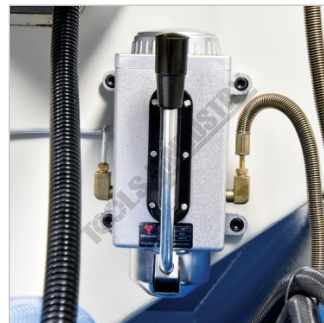
Z Axis Dial



Z Axis Rapid Motor



Knee Feed Handle



Lubrication Pump



Y Axis

Description

Quality product representing excellent value

Features

- 3 Axis digital readout fitted
- 5HP 415V motor with mechanical variable speed system
- NT40 Spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- Square construction slides for Y & Z-Axis to maximise rigidity
- Turcite B coated X & Y Axis slide-ways reduces friction for smooth operation
- 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
- Powered elevating motor for Z-Axis
- Micro switch on the manual knee handle for additional operator safety
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.038, 0.076, 0.152mm/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

HAFCO-METALMASTER Industrial Turret Milling Machine BM-52VE

- Manual quick action quill lever
- Mechanical spindle brake
- Tool box and manual

Includes

- 3 Axis digital readout fitted
- One-shot oil lubrication pump and reservoir
- Drawbar M16 thread
- Coolant system
- Slideway covers
- X-Axis power-feed
- Y-Axis power-feed
- Z-Axis powered elevating motor
- LED work light
- Safety cutter guard
- Swarf tray

Specifications

ORDER CODE	M596D
MODEL	BM-52VE
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)	860
Cross Travel (Y-Axis) (mm)	425
Vertical Travel (Z-Axis) (mm)	400
Type of Slides	Dovetail (X), Square (Y & Z)
Ram Travel (mm)	470
Spindle to Table (mm)	515
Spindle to Base	~
Spindle Travel / Diameter (mm)	127 / 86
Throat Depth (max.) (mm)	609
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)	0.038 / 0.076 / 0.152
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 - 3650)

HAFCO-METALMASTER Industrial Turret Milling Machine BM-52VE

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)	1130