



HAFCO-METALMASTER BM-22VE

Industrial Turret Milling Machine

Table Travel: (X) - 600mm (Y) - 325mm (Z) - 370mm



HAFCO-METALMASTER Industrial Turret Milling Machine BM-22VE



Left View



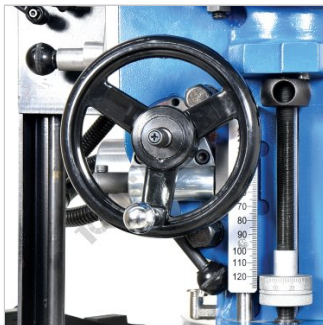
Control Panel



Axis Digital Readout System



Safety Chuck Guard



Quill Feed Depth Stop



Feed Range Selector



Halogen Worklight
Coolant
Hose



Table Feed Limit Switches



Quill Feed Engagement
Lever



Head Controls



Spindle Break Lever



Head Right Side View



Head Left Side View



X Axis Dial



Feed Engage Disengage
Drive



Feed Engage Disengage
Drive 2

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Universal Tilting Rotating Head



Adjustable Swivel Sliding Ram



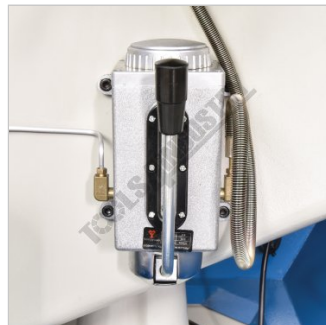
Tail Lug Spigot Supports Slotting Head



X Axis Power Feed with Rapid



Knee Feed Handle



Lubrication Pump



Y Axis



Z Axis Dial

Description

Quality product representing excellent value

Features

- 3 Axis digital readout fitted
- 3HP 240V motor with mechanical variable speed system
- NT30 Spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- All slides utilise dovetail construction for maximum 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-Axis power-feed with adjustable micro switch feed stops
- 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
- Manual quick action quill lever
- Mechanical spindle brake

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- Tool box and manual

Includes

- 3 Axis digital readout fitted
- One-shot oil lubrication pump and reservoir
- Drawbar M12 thread
- Coolant system
- Slideway covers
- X-Axis power-feed
- LED work light
- Safety cutter guard
- Swarf tray

Specifications

ORDER CODE	M592D
MODEL	BM-22VE
Digital Readout	3-Axis Digital Readout
Type	Vertical
Table Size (mm)	1067 x 230
Column Type	~
Spindle Taper - Vertical	NT30
Spindle Taper - Horizontal	~
Longitudinal Travel (X-Axis) (mm)	600
Cross Travel (Y-Axis) (mm)	325
Vertical Travel (Z-Axis) (mm)	370
Type of Slides	Dovetail (X, Y & Z)
Ram Travel (mm)	315
Spindle to Table (mm)	430
Spindle to Base	~
Spindle Travel / Diameter (mm)	127 / 86
Throat Depth (max.) (mm)	482
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)	Optional
Power Feed - Vertical (Z-Axis) (mm/min)	~
Table T-Slot Size (inch / mm)	16
Work Table Load Capacity (kg)	250
Spindle Speeds Vertical (No./ rpm)	Variable (60 - 4200)
Spindle Speeds Horizontal (No./ rpm)	~
Spindle Speeds - Universal Head	~
Motor Power - Vertical Spindle (kW / hp)	2.2 / 3

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Motor Power - Horizontal Spindle (kW / hp)	~
Motor Power - Universal Head	~
Voltage / Amperage (V / amp)	240
Nett Weight (kg)	1000