

## HAFCO-METALMASTER BM-GEVS250



Industrial Turret Milling Machine - Horizontal & Vertical

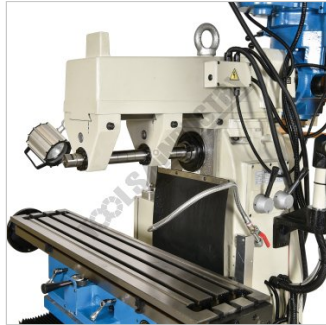
Table Travel: (X) - 700mm (Y) - 250mm (Z) - 440mm



## HAFCO-METALMASTER Industrial Turret Milling Machine - Horizontal & Vertical BM-GEVS250



Horizontal Head Setup



Horizontal Head Setup Close Up



Swivel Arm Control Panel



3 Axis Digital Read Out



Control Panel



Gear Drive Table Feed



Horizontal Speed Selection Levers



Spindle Controls



Swivel Table



Tilting Mill Head Left & Right to 90 Degrees



Rotating Horizontal Ram



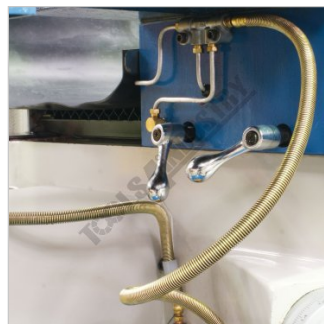
Z Axis Feed Handle with Micro



Z Axis Rapid Motor



Automatic Slideway Lubrication System



Y Axis Table Locks



Oil Feeder Distribution Block

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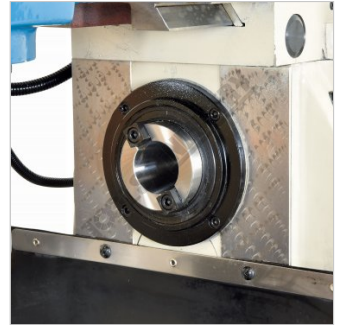
Y Axis Feed Handle



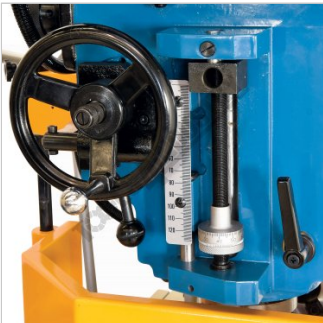
X Axis Feed Handle



Air Powered Draw Bar System



Horizontal Spindle



Quill Feed Depth Stop



Variable Inverter Speed



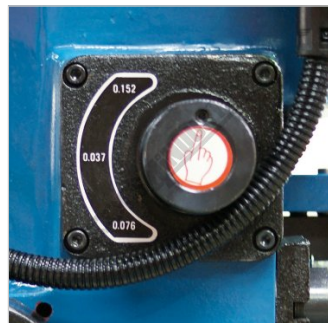
Air Powered Draw Bar Control



Mill Head Right Side View



Quill Feed Engagement Dial



3 Speed Quill Feed



Mill Head Left Side View



High Low Spindle Speed Gear Lever



Includes Horizontal Arbor

## HAFCO-METALMASTER Industrial Turret Milling Machine - Horizontal & Vertical BM-GEVS250

### Features

- Vertical spindle, Yaskawa inverter variable speed drive 60 – 3600rpm
- Horizontal spindle, 40-980 rpm speeds controlled by gear selection levers with oil bath lubrication
- 5HP vertical & 3HP horizontal spindle motors provide exceptional machining power
- NT40 spindle taper with Ø105mm chrome hardened and ground quill
- 1100 x 250mm hardened and ground worktable with  $\pm 45^\circ$  left and right swivel
- Automatic quill feed 0.037, 0.076, 0.152mm/rev
- Vertical mill head swivels  $\pm 45^\circ$  to left and right
- Spindle guard with micro switch
- 3-Axis digital readout fitted
- Pneumatic draw bar system for quick and effortless tool change
- Heavy duty gear driven X Axis power-feed
- Z-Axis powered elevating motor
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Meehanite castings for superior rigidity
- Hardened and ground dovetail guideways
- Turcite-B coating on X & Y-Axis ways for wear resistance and smooth operation
- Auto lubrication system maintains proper lubrication to all slideways

### Includes

- 3-Axis Digital Readout Fitted
- Automatic Lubrication System
- LED Lamp
- Coolant System
- Slide-way Covers
- Safety Cutter Guard
- Swarf Tray
- 1" Horizontal Arbor
- 2 x Horizontal Arbor Supports
- 2 x M16 Drawbars

### Specifications

<b>ORDER CODE</b>	M586D
<b>MODEL</b>	BM-GEVS250
<b>Digital Readout</b>	3-Axis Digital Readout
<b>Type</b>	Vertical & Horizontal
<b>Table Size (mm)</b>	1100 x 250
<b>Column Type</b>	~
<b>Spindle Taper - Vertical</b>	NT40
<b>Spindle Taper - Horizontal</b>	NT40
<b>Longitudinal Travel (X-Axis) (mm)</b>	700
<b>Cross Travel (Y-Axis) (mm)</b>	250
<b>Vertical Travel (Z-Axis) (mm)</b>	440
<b>Type of Slides</b>	Dovetail (X, Y & Z)
<b>Ram Travel (mm)</b>	300
<b>Spindle to Table (mm)</b>	470
<b>Spindle to Base</b>	~
<b>Spindle Travel / Diameter (mm)</b>	127 / 105

**HAFCO-METALMASTER Industrial Turret Milling Machine - Horizontal & Vertical BM-GEVS250**

<b>Throat Depth (max.) (mm)</b>	500
<b>Tilting Head (Left ~ Right)</b>	±90°
<b>Tilting Head (Forward ~ Back)</b>	~
<b>Drilling Capacity (mm)</b>	~
<b>End Milling Capacity (mm)</b>	~
<b>Face Milling Capacity (mm)</b>	~
<b>Power Feed - Quill (mm/rev)</b>	0.037 / 0.076 / 0.152
<b>Power Feed - Longitudinal (X-Axis) (mm/min)</b>	0.02 - 0.20
<b>Power Feed - Cross (Y-Axis) (mm/min)</b>	Optional
<b>Power Feed - Vertical (Z-Axis) (mm/min)</b>	Rapid
<b>Table T-Slot Size (inch / mm)</b>	5/8
<b>Work Table Load Capacity (kg)</b>	300
<b>Spindle Speeds Vertical (No./ rpm)</b>	Variable (60 - 3600)
<b>Spindle Speeds Horizontal (No./ rpm)</b>	6 (40 - 980)
<b>Spindle Speeds - Universal Head</b>	~
<b>Motor Power - Vertical Spindle (kW / hp)</b>	3.75 / 5
<b>Motor Power - Horizontal Spindle (kW / hp)</b>	2.25 / 3
<b>Motor Power - Universal Head</b>	~
<b>Voltage / Amperage (V / amp)</b>	415
<b>Nett Weight (kg)</b>	1350