

HAFCO-METALMASTER BM-30



Industrial Turret Milling Machine

Table Travel: (X) - 760mm (Y) - 360mm (Z) - 430mm



HAFCO-METALMASTER Industrial Turret Milling Machine BM-30



2 Axis Digital Readout System



Control Panel



Spindle Brake



Speed Chart



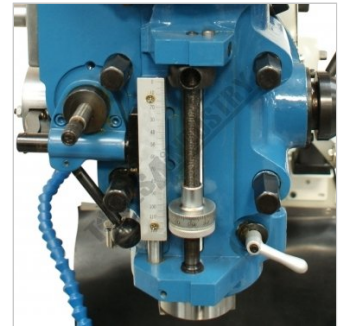
Head Controls



Head Side View



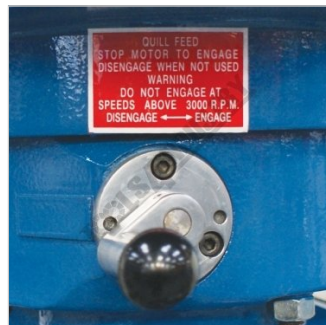
Head Side View



Quill Feed Depth Stop



Quill Feed Engagement Lever



Feed Engage Disengage Drive



Feed Range Selector



Universal Tilting and Rotating Head



Adjustable Swivel and Sliding Ram



Table Feed Limit Switches



X Axis Power Feed with Rapid

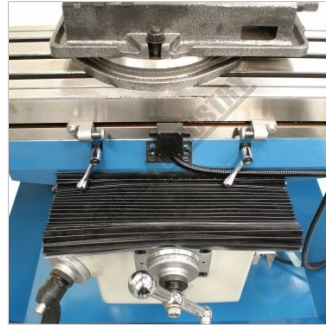


Lubrication Pump

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Table Handle



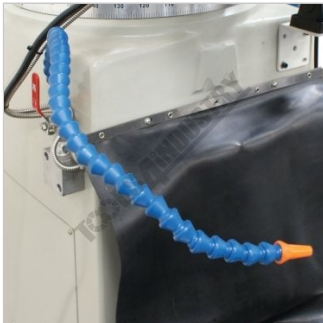
Concertina Slide Way Cover



Slide covers



Halogen Light



Coolant Nozzel



Knee Feed Handle



Tail Lug Spigot Supports
Slotting Head

Description

Manufactured in Taiwan

Features

- 2 Axis digital readout fitted
- 3HP 415V motor, 16-speeds
- NT30 Spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- Turcite B coated X & Y Axis slide-ways reduces friction for smooth operation
- All slides utilise dovetail construction for maximum rigidity
- 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
- Align CE-300S X-Axis power-feed with adjustable micro switch feed stops
- Coolant system, halogen light, 150mm machine vice & swarf tray
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.015, 0.04, 0.08mm/rev
- Automatic cut off depth stop on quill
- Oil lubrication pump and reservoir
- Slideway 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

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- Mechanical spindle brake
- Tool box and manual

Includes

- 2 Axis digital readout fitted
- One-shot oil lubrication pump and reservoir
- Drawbar M12 thread
- Coolant system
- Slideway covers
- X-Axis power-feed
- Halogen light
- Machine vice (150mm)
- Clamp kit
- Safety cutter guard
- Swarf tray

Specifications

ORDER CODE	M604D
MODEL	BM-30
Digital Readout	2-Axis Digital Readout
Type	Vertical
Table Size (mm)	1270 x 254
Column Type	~
Spindle Taper - Vertical	NT30
Spindle Taper - Horizontal	~
Longitudinal Travel (X-Axis) (mm)	760
Cross Travel (Y-Axis) (mm)	360
Vertical Travel (Z-Axis) (mm)	430
Type of Slides	Dovetail
Ram Travel (mm)	520
Spindle to Table (mm)	505
Spindle to Base	~
Spindle Travel / Diameter (mm)	127 / 86
Throat Depth (max.) (mm)	740
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)	0.015 / 0.04 / 0.08
Power Feed - Longitudinal (X-Axis) (mm/min)	20 - 2000
Power Feed - Cross (Y-Axis) (mm/min)	Optional
Power Feed - Vertical (Z-Axis) (mm/min)	Optional
Table T-Slot Size (inch / mm)	5/8
Work Table Load Capacity (kg)	250
Spindle Speeds Vertical (No./ rpm)	16 (80 - 5440)
Spindle Speeds Horizontal (No./ rpm)	~

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Spindle Speeds - Universal Head	~
Motor Power - Vertical Spindle (kW / hp)	2.2 / 3
Motor Power - Horizontal Spindle (kW / hp)	~
Motor Power - Universal Head	~
Voltage / Amperage (V / amp)	415
Nett Weight (kg)	1100