

HAFCO-METALMASTER BM-1600



Heavy Duty Universal Milling Machine

Table Travel: (X) - 1200mm (Y) - 700mm (Z) - 500mm



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Description

The BM-1600 universal milling machine features a solid, heavy cast iron construction, making this model ideal for heavy machining of oversize workpieces.

The servo-controlled feed system ensures constant torque when removing metal under extreme load. All this is combining with an extra-large hardened & ground working table with long travels to match.

Features

- 3-Axis digital readout fitted
- Large 1600 x 500mm slotted work table
- NT50 universal head swivels 360° & tilts vertical to horizontal position
- Electric brake & rapid feed on X, Y & Z-Axis
- Servo controlled feed motors on X, Y & Z-Axis ensures constant torque
- Hardened ballscrew X, Y & Z-Axis preloaded for easy and precise feeds
- Rigid, torsion-proof construction, dovetail guide X-Axis & wide square guides Y & Z-Axis
- Robust transmission with hardened and ground gears & slide-ways
- Hardened & ground work table & all X, Y & Z-Axis slideways
- All slideways are automatically lubricated
- High grade casting for additional strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Table trays each end of work table
- Steel slide-way cover Y-Axis

Includes

- Safety cutter guard
- Coolant system
- Automatic oil lubrication system
- Cast iron table extensions
- LED light
- Base swarf tray
- M24 drawbar

Specifications

ORDER CODE	M639D
MODEL	BM-1600
Digital Readout	3-Axis Digital Readout
Type	Universal Head
Table Size (mm)	1600 x 500
Column Type	Dovetail
Spindle Taper - Vertical	NT50
Spindle Taper - Horizontal	NT50
Longitudinal Travel (X-Axis) (mm)	1200
Cross Travel (Y-Axis) (mm)	700
Vertical Travel (Z-Axis) (mm)	500
Type of Slides	Dovetail (X), Square (Y & Z)
Ram Travel (mm)	45 - 745
Spindle to Table (mm)	50 - 550
Spindle to Base	~

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Spindle Travel / Diameter (mm)	~
Throat Depth (max.) (mm)	~
Tilting Head (Left ~ Right)	360°
Tilting Head (Forward ~ Back)	Fixed
Drilling Capacity (mm)	~
End Milling Capacity (mm)	~
Face Milling Capacity (mm)	~
Power Feed - Quill (mm/rev)	~
Power Feed - Longitudinal (X-Axis) (mm/min)	10 - 1000
Power Feed - Cross (Y-Axis) (mm/min)	10 - 1000
Power Feed - Vertical (Z-Axis) (mm/min)	5 - 500
Table T-Slot Size (inch / mm)	18
Work Table Load Capacity (kg)	1800
Spindle Speeds Vertical (No./ rpm)	~
Spindle Speeds Horizontal (No./ rpm)	~
Spindle Speeds - Universal Head	27 (30 - 2050)
Motor Power - Vertical Spindle (kW / hp)	~
Motor Power - Horizontal Spindle (kW / hp)	~
Motor Power - Universal Head	7.5 / 10
Voltage / Amperage (V / amp)	415
Nett Weight (kg)	4500