

HAFCO-METALMASTER BM-2000



Heavy Duty Universal Milling Machine

Table Travel: (X) - 1400mm (Y) - 700mm (Z) - 500mm



HAFCO-METALMASTER Heavy Duty Universal Milling Machine BM-2000



Control Panel



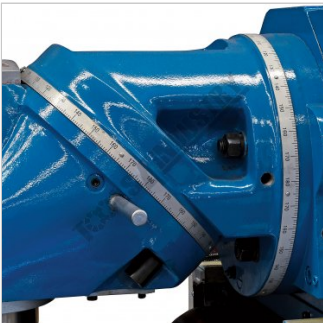
Motor And Track



Gear Adjustment



Mill Head



Head Tilts Vertical To Horizontal



Large Slotted Work Table



Filter



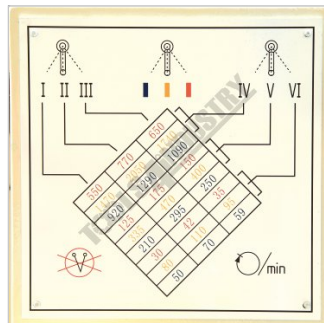
Toggle Switch



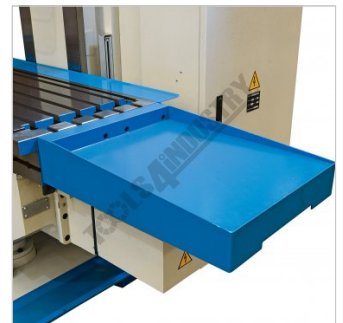
Table Locks



Table Lock



Speed Chart



Side Table Tool Rest



LED Light



Table Stops



ON OFF Switch

HAFCO-METALMASTER Heavy Duty Universal Milling Machine BM-2000

Description

The BM-2000 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 2000 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	M640D
MODEL	BM-2000
Digital Readout	3-Axis Digital Readout
Type	Universal Head
Table Size (mm)	2000 x 500
Column Type	Dovetail
Spindle Taper - Vertical	NT50
Spindle Taper - Horizontal	NT50
Longitudinal Travel (X-Axis) (mm)	1400
Cross Travel (Y-Axis) (mm)	700
Vertical Travel (Z-Axis) (mm)	570
Type of Slides	Dovetail (X), Square (Y & Z)
Ram Travel (mm)	45 - 745
Spindle to Table (mm)	50 - 550
Spindle to Base	~

HAFCO-METALMASTER Heavy Duty Universal Milling Machine BM-2000

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)	4700