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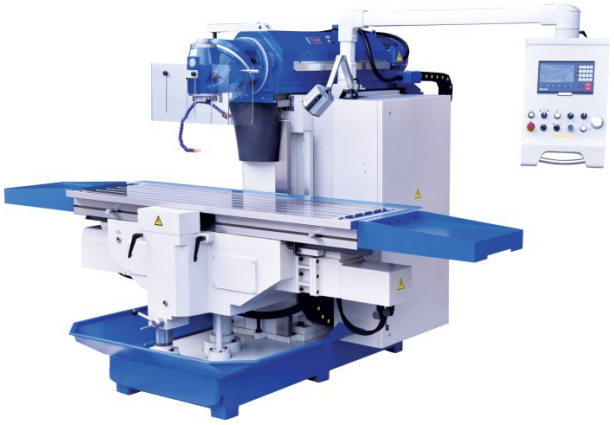
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Product Brochure For M640D

Heavy Duty Universal Milling Machine - BM-2000

Table Travel: (X) - 1400mm (Y) - 700mm (Z) - 500mm
Includes Digital Readout System & Servo Driven Ballscrew System X, Y & Z-Axis

Ex GST	Inc GST
$70,000.00	$80,500.00



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:	~
Spindle Travel / Diameter (mm):	~
Throat Depth (max.) (mm):	~
Tilting Head (Left ~ Right):	360º
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

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 and 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 360º & 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

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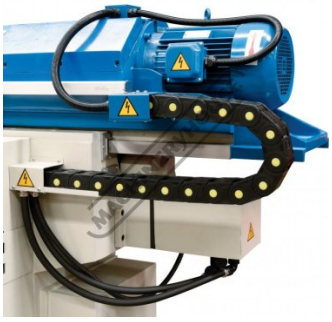
- All slideways are automatically lubricated
- High grade casting for additional strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Table trays each end of work table
- Steel slide-way cover Y-Axis

Includes

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

Specific Features


Controller


Motor And Track


Gear Adjustment


Head Left Front View


Head Left View


Head Right View


Head Tilts Vertical To Horizontal

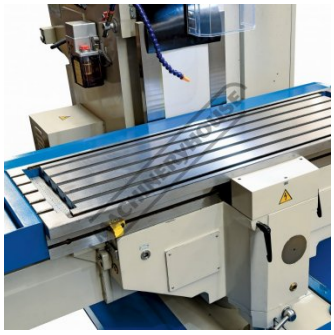
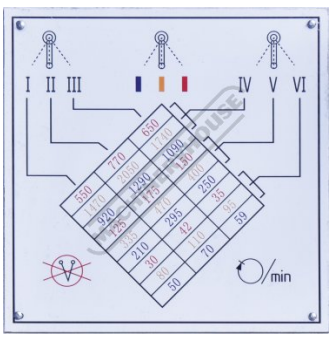

Large Slotted Work Table


Table Lock



Speed Chart


LED Light


Table Locks

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Product Brochure For M640D


Table Stops

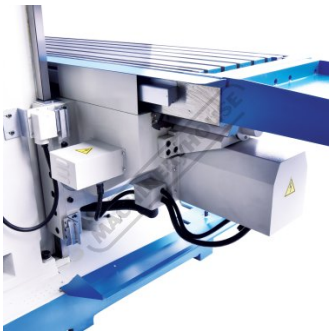


ON OFF Switch


Side Table Tool Rest


Lubrication System


Toggle Switch


Motorised Z Axis


Left View


Front View