

## Product Brochure For M584D

# BM-EVS300 - Industrial Turret Milling Machine

Table Travel: (X) - 940mm (Y) - 350mm (Z) - 445mm

Ball screw X & Y with Servo feed



**On Sale**

Ex GST

Inc GST

**\$36,120.00**

**\$41,538.00**

**\$35,900.00**

**\$41,285.00**

ORDER CODE:	M584D
MODEL:	BM-EVS300
Digital Readout:	3-Axis Digital Readout
Type:	Vertical
Table Size (mm):	1270 x 305
Column Type:	~
Spindle Taper - Vertical:	NT40
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	940
Cross Travel (Y-Axis) (mm):	350
Vertical Travel (Z-Axis) (mm):	445
Type of Slides:	Dovetail (X) Square (Y & Z)
Ram Travel (mm):	490
Spindle to Table (mm):	495
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 105
Throat Depth (max.) (mm):	660
Tilting Head (Left ~ Right):	±90°
Tilting Head (Forward ~ Back):	~
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Power Feed - Quill (mm/rev):	0.04 / 0.08 / 0.15
Power Feed - Longitudinal (X-Axis) (mm/min):	Yes
Power Feed - Cross (Y-Axis) (mm/min):	Yes
Power Feed - Vertical (Z-Axis) (mm/min):	Rapid
Table T-Slot Size (inch / mm):	5/8
Work Table Load Capacity (kg):	300
Spindle Speeds Vertical (No./ rpm):	Inverter (60 - 3600)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	3.75 / 5
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1650

## Features

- Yaskawa inverter variable speed drive, 60 – 3600rpm
- 5HP - 415V spindle motor provides exceptional machining power
- 1270 x 300mm hardened and ground worktable
- Zero backlash preloaded ball screw to X & Y-Axis
- Servo feeds on X & Y-Axis
- Z-Axis powered elevating motor
- NT40 spindle taper with Ø105mm chrome hardened and ground quill
- Automatic quill feed 0.037, 0.076, 0.152mm/rev
- Vertical mill head swivels ±45° to left and right
- Spindle guard with micro switch
- 3-Axis digital readout fitted
- Pneumatic draw bar system for quick and effortless tool change

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- Meehanite castings for superior rigidity
- Hardened and ground dovetail guideways on the X-Axis and square guideways on Y & Z-Axis
- 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
- Automatic lubrication System
- Pneumatic Tool Clamping
- LED Lamp, Coolant System
- Slide-way Covers
- Safety Cutter Guard
- Swarf Tray
- M16 Drawbar

### Specific Features



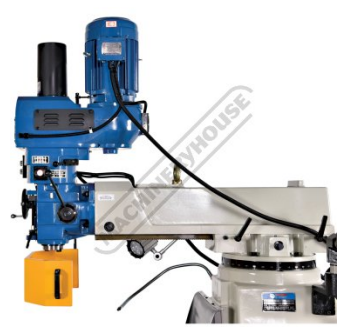
Controls-3 Axis DRO



Safety Milling Guard



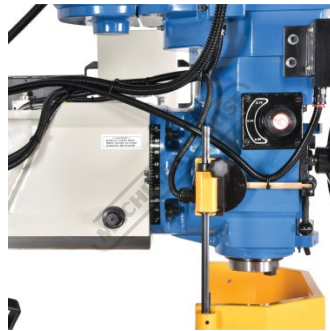
Head Front View



Head Right View



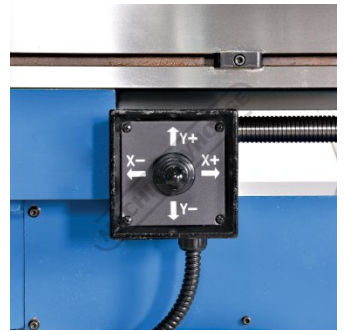
Head Left View



Tilting Mill Head



Adjustable Swivel and Sliding Ram



X and Y Axis Control



X Axis Dial



Y Axis Dial

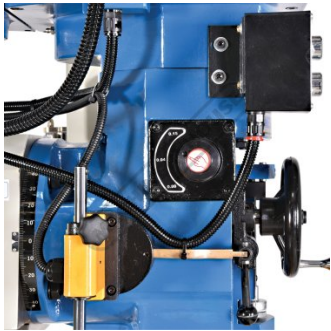


Z Axis Dial



Power Drawbar-Lubrication Pump

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3 Speed Quill Feed



Worklight and Coolant Hose



Left View



Front View

**Recommended Accessories**

**M184**  
Precision Boring Head



**M197A**  
Boring Head Shank



**C290**  
Heavy Duty Drill Chuck - Keyed Type



**C292**  
Industrial Drill Chuck - Keyless Type



**C294**  
Industrial Drill Chuck - Keyless Type



**D446**  
NT40 x JT6 Drill Chuck Arbor - M16 Threaded Shank



**D448**  
NT40 x JT3 Drill Chuck Arbor - M16 Threaded Shank



**M3301**  
Metric HSS Slot Drill & End Mill Set - 10 Piece





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**M3321**  
Imperial HSS Slot Drill & End Mill Set - 10 Piece



**C966**  
Collet & Chuck Set - 25 Piece



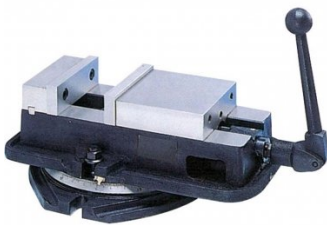
**V105**  
Vertex K-Type Milling Vice



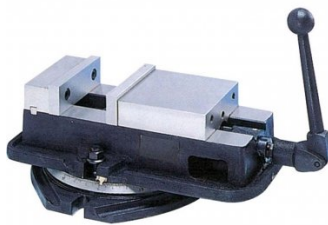
**V106**  
Vertex K-Type Milling Vice



**V305**  
Vertex Anglock Machine Vice



**V306**  
Vertex Anglock Machine Vice



**R008**  
Vertex Rotary Table



**R010**  
Vertex Rotary Table



**D001**  
Vertex Dividing Head - Semi Universal



**D002**  
Vertex Dividing Head - Semi Universal



**R002**  
Vertex Super Indexing Head



**C280**  
3 Jaw Self Centring Lathe Chuck



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**C2806**  
3 Jaw Self Centring Lathe Chuck



**M247**  
Air Power Drawbar



**M2295**  
Power Feed Unit



**M229**  
Power Feed Unit



**L065**  
KYOCERA Carbide Inserts - Milling



**M510**  
Face Mill 90° - Positive Rake



**M512**  
Face Mill 90° - Positive Rake



**M503**  
Face Mill 90° - Positive Rake



**M515**  
Face Mill 45° - Super High-Rake



**M517**  
Face Mill 45° - Super High-Rake



**M518**  
Face Mill 45° - Super High-Rake



**M550**  
Face Mill Arbor



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**M552**  
Face Mill Arbor



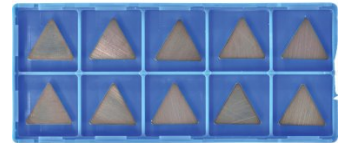
**M554**  
Face Mill Arbor



**M555**  
Face Mill Arbor



**L066**  
KYOCERA Carbide Inserts -  
Milling



**M252**  
Parallel Set - 18 Piece



**M250**  
Parallel Set - 8 Piece



**M519**  
End Mill - Ø12mm



**M520**  
End Mill - Ø16mm



**M521**  
End Mill - Ø20mm



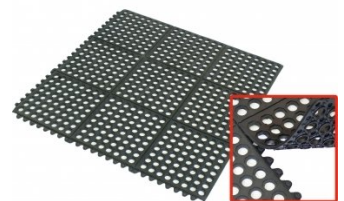
**L059**  
Carbide Inserts - Milling



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue





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S090A

Soluble Metal Cutting Fluid - 1 Litre



S090

Soluble Metal Cutting Fluid - 5 Litre



S076

Cutting Tool Lubricant Fluid - 500ml



S074

Cutting Tool Lubricant Paste - 500g



O043

Rust & Corrosion Preventive - Penetrant & Lubrication



O042

General Purpose Lubricant & Corrosion Inhibitor



O044

Rust & Corrosion Preventive - Penetrant & Lubrication

