

Product Brochure For M584D

Industrial Turret Milling Machine - BM-EVS300

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

Ball screw X & Y with Servo feed



Ex GST **Inc GST**
\$33,450.00 **\$36,795.00**

| | |
|--|-----------------------------|
| 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
- 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

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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



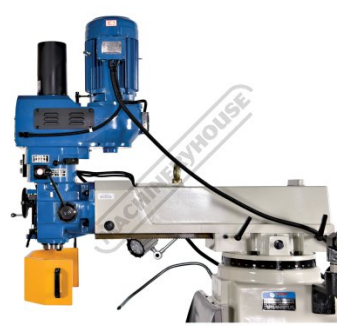
Controls-3 Axis DRO



Safety Milling Guard



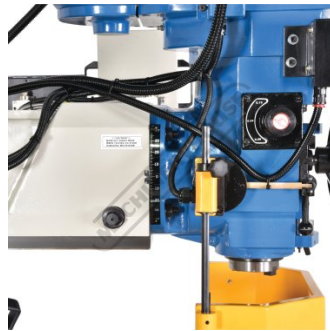
Head Front View



Head Right View



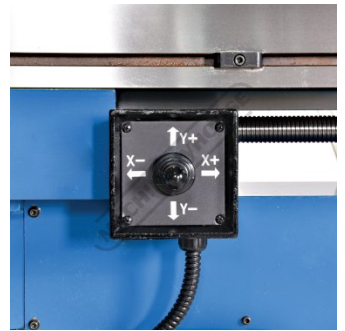
Head Left View



Tilting Mill Head



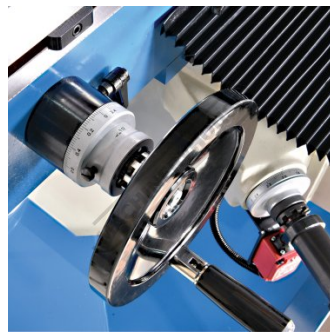
Adjustable Swivel and Sliding Ram



X and Y Axis Control



X Axis Dial



Y Axis Dial

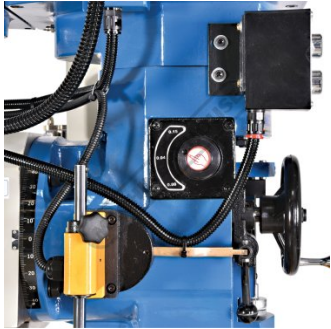


Z Axis Dial



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



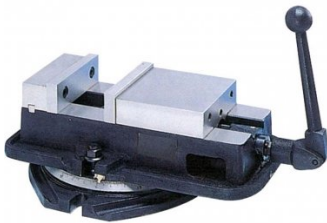
V105
 Vertex K-Type Milling Vice



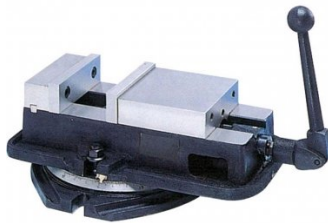
V106
 Vertex K-Type Milling Vice



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



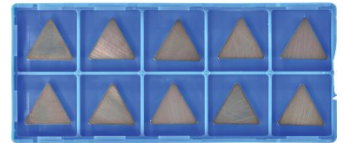
M554
Face Mill Arbor



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



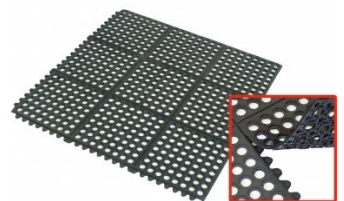
L059
Carbide Inserts - Milling



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



S077

Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075

Cutting Tool Lubricant Paste - 200g



S074

Cutting Tool Lubricant Paste - 500g



O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

