

Product Brochure For M592D

Industrial Turret Milling Machine - BM-22VE

Table Travel: (X) - 600mm (Y) - 325mm (Z) - 370mm

Includes Digital Readout System



ORDER CODE:	M592D
MODEL:	BM-22VE
Digital Readout:	3-Axis Digital Readout
Type:	Vertical
Table Size (mm):	1067 x 230
Column Type:	~
Spindle Taper - Vertical:	NT30
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	600
Cross Travel (Y-Axis) (mm):	325
Vertical Travel (Z-Axis) (mm):	370
Type of Slides:	Dovetail (X, Y & Z)
Ram Travel (mm):	315
Spindle to Table (mm):	430
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 86
Throat Depth (max.) (mm):	482
Tilting Head (Left ~ Right):	±90°
Tilting Head (Forward ~ Back):	±45°
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Power Feed - Quill (mm/rev):	0.038 / 0.076 / 0.152
Power Feed - Longitudinal (X-Axis) (mm/min):	20 - 2000
Power Feed - Cross (Y-Axis) (mm/min):	Optional
Power Feed - Vertical (Z-Axis) (mm/min):	~
Table T-Slot Size (inch / mm):	16
Work Table Load Capacity (kg):	250
Spindle Speeds Vertical (No./ rpm):	Variable (60 - 4200)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	2.2 / 3
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240
Nett Weight (kg):	1000



Description

Quality product representing excellent value

Features

- 3 Axis digital readout fitted
- 3HP 240V motor with mechanical variable speed system
- NT30 Spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- All slides utilise dovetail construction for maximum rigidity
- Turcite B coated X & Y Axis slide-ways reduces friction for smooth operation
- Meehanite casting for high strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Horizontal travelling ram mounted on a rotating base allowing repositioning of spindle
- The ram incorporates a tail lug (spigot) to accept a slotting attachment etc.
- High / neutral and low gear selection lever to maximise torque
- X-Axis power-feed with adjustable micro switch feed stops
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis

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- Automatic quill feed 0.038, 0.076, 0.152mm/rev
- Automatic cut off depth stop on quill
- Oil lubrication pump and reservoir
- Slide-way covers Y & Z-Axis
- Mill head tilts to $\pm 45^\circ$ forward and back
- Mill head tilts to $\pm 90^\circ$ left and right
- Manual quick action quill lever
- Mechanical spindle brake
- Tool box and manual

Includes

- 3 Axis digital readout fitted
- One-shot oil lubrication pump and reservoir
- Drawbar M12 thread
- Coolant system
- Slideway covers
- X-Axis power-feed
- LED work light
- Safety cutter guard
- Swarf tray

Recommended Accessories

C0966

Clamp Kit 58 piece - Workshop Series



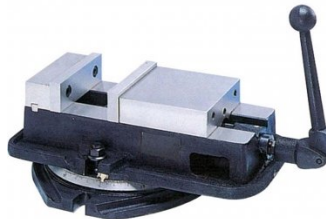
V106

Vertex K-Type Milling Vice



V306

Vertex Anglock Machine Vice



C929

Collet & Chuck Set - 20 Piece



C966

Collet & Chuck Set - 25 Piece



M350

10pc Metric HSS Milling Cutter Set 4-10mm



M360

10pc Metric HSS Milling Cutter Set 10-20mm



M184

Precision Boring Head



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M185
 Precision Universal Facing &
 Boring Head



M197A
 Boring Head Shank



M181
 Boring Bar Set - 12 piece



M181A
 Boring Bar Set - 4 piece



C292
 Industrial Drill Chuck - Keyless
 Type



D446
 NT40 x JT6 Drill Chuck Arbor -
 M16 Threaded Shank



C294
 Industrial Drill Chuck - Keyless
 Type



D448
 NT40 x JT3 Drill Chuck Arbor -
 M16 Threaded Shank



M260
 Precision Metric 1-2-3 Block Set



M250
 Parallel Set - 8 Piece



M252
 Parallel Set - 18 Piece



R008
 Vertex Rotary Table



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R010

Vertex Rotary Table



D002

Vertex Dividing Head - Semi Universal



C2806

3 Jaw Self Centring Lathe Chuck



R002

Vertex Super Indexing Head



M512

Face Mill 90° - Positive Rake



M503

Face Mill 90° - Positive Rake



M517

Face Mill 45° - Super High-Rake



M518

Face Mill 45° - Super High-Rake



L065

KYOCERA Carbide Inserts - Milling



L066

KYOCERA Carbide Inserts - Milling



M552

Face Mill Arbor



M554

Face Mill Arbor



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M555
 Face Mill Arbor



L059
 Carbide Inserts - Milling



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



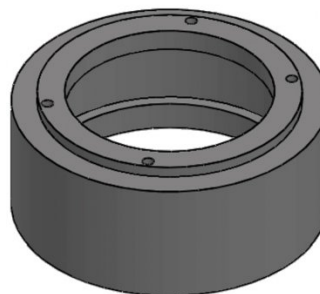
M229
 Power Feed Unit



M229S
 Power Feed Unit



M224
 Riser Spacer - Suits Turret Milling Machines



M225
 Precision Slotting Head Attachment



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L300
 Magnetic Swarf Remover



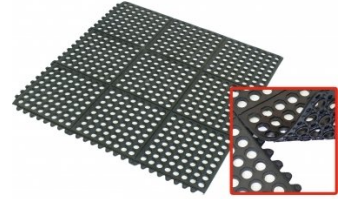
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

