

Product Brochure For M607D

Industrial Turret Milling Machine - BM-40V

Table Travel: (X) - 860mm (Y) - 360mm (Z) - 425mm

Includes Digital Readout System

Ex GST **Inc GST**
\$15,990.00 **\$17,589.00**



ORDER CODE:	M607D
MODEL:	BM-40V
Digital Readout:	3-Axis Digital Readout
Type:	Vertical
Table Size (mm):	1370 x 254
Column Type:	~
Spindle Taper - Vertical:	NT30
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	860
Cross Travel (Y-Axis) (mm):	360
Vertical Travel (Z-Axis) (mm):	425
Type of Slides:	Dovetail
Ram Travel (mm):	508
Spindle to Table (mm):	505
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 86
Throat Depth (max.) (mm):	735
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):	0.015 / 0.04 / 0.08
Power Feed - Longitudinal (X-Axis) (mm/min):	20 - 2000
Power Feed - Cross (Y-Axis) (mm/min):	Optional
Power Feed - Vertical (Z-Axis) (mm/min):	Optional
Table T-Slot Size (inch / mm):	5/8
Work Table Load Capacity (kg):	300
Spindle Speeds Vertical (No./ rpm):	Variable (70 - 3500)
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):	415
Nett Weight (kg):	1300



Description

The BM-40V Industrial turret milling machine is manufactured in Taiwan to a strict precision engineering ultra-high tolerance & superior excellence to cope with many jobs set out by the professional machinist, and importantly to deliver many years of valuable & reliable service.

This medium robust milling machine package is next in the line up from the BM-30A model and is also complete with a few of the most desirable features for example, easy to use variable spindle speed dial, turcite B coated X & Y slide-ways that reduces friction to provide smooth table movement even when loaded up with a heavy job, hardened & ground work table & slide-ways, heavy duty X-axis auto power-feed with adjustable feed stops, 3-axis digital readout system fitted and a manual operated oil pump to keep slides in perfect working order..

Another reliable feature in this range of precision milling machines is the manufacturing process of the main body & supports, it is made up from the highest quality Meehanite® cast iron. The key to the undisputed success of Meehanite® metals is the rigid application of its patented manufacturing process to provide ultimate strength & durability performance.

To conclude this BM-40V turret milling machine is the most common size machine that's found in approximately 70% of engineering workshops and when its put to the test it certainly performs its duties with no hesitation.

Features

— 3 Axis digital readout fitted —

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- 3HP 415V motor, dial variable speed system (BM-40V)
- NT30 spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- Turcite "B" coated X & Y Axis slide-ways reduces friction for smooth operation
- All slides utilise dovetail construction for maximum rigidity
- 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
- Align AL-500S X-Axis power-feed with adjustable micro switch feed stops
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.015, 0.04, 0.08mm/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
- Low voltage LED work light
- Tool box and manual

Includes

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

Specific Features



Variable Speed Head 70 3500rpm



Control Panel



Hi Low Spindle Speed Range Selector



3 Axis Digital Readout System



Spindle Brake



Forward Reverse Switch



Halogen Light

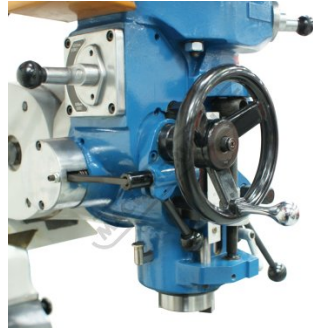


Coolant Nozzle

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Quill Feed Depth Stop



Quill Feed Engagement Lever



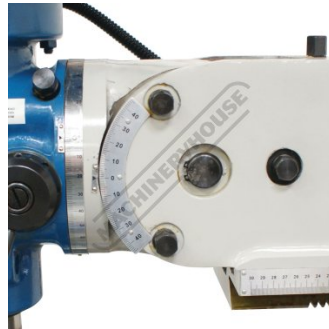
Feed Engage Disengage Drive



Feed Selector



Lubrication Pump



Universal Tilting and Rotating Head



Adjustable Swivel Sliding Ram



Tail Lug Spigot Supports Slotting Head



Concertina Slide Way Cover

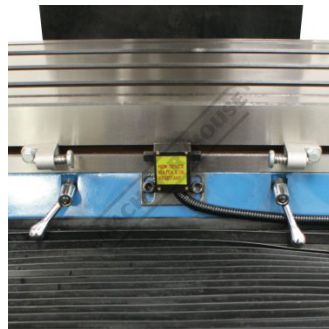


Table Feed Limit Switches



X Axis Power Feed with Rapid



Knee Feed Handle



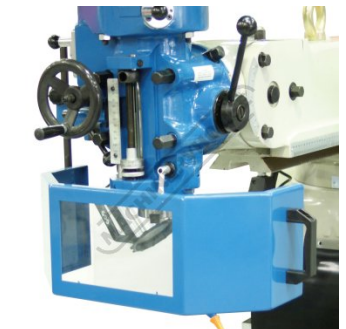
Cross Feed Handle



Head Side View



Head Controls



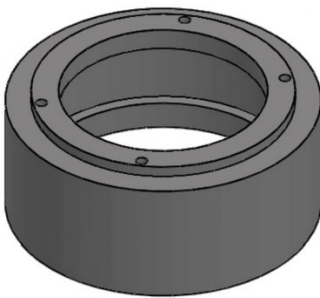
Safety Quill Guard

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Recommended Accessories

M223

Riser Spacer - Suits Turret Milling Machines



C091

Clamp Kit 58 piece - Workshop Series



C928

Collet & Chuck Set - 20 Piece



M3301

Metric HSS Slot Drill & End Mill Set - 10 Piece



M3321

Imperial HSS Slot Drill & End Mill Set - 10 Piece



M184

Precision Boring Head



M185

Precision Universal Facing & Boring Head



M197

Boring Head Shank



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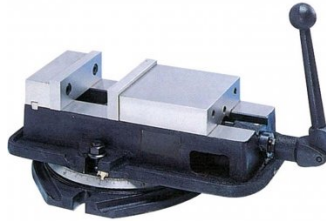
M181
 Boring Bar Set - 12 piece



M181A
 Boring Bar Set - 4 piece



V306
 Vertex Anglock Machine Vice



C290
 Heavy Duty Drill Chuck - Keyed Type



C294
 Industrial Drill Chuck - Keyless Type



D451
 NT30 x JT3 Drill Chuck Arbor



M250
 Parallel Set - 8 Piece



M252
 Parallel Set - 18 Piece



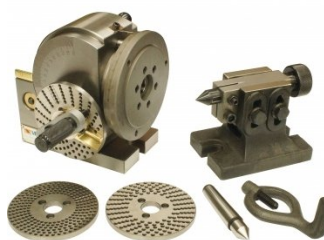
R008
 Vertex Rotary Table



R010
 Vertex Rotary Table



D001
 Vertex Dividing Head - Semi Universal



C280
 3 Jaw Self Centring Lathe Chuck



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R002
 Vertex Super Indexing Head



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



L065
 KYOCERA Carbide Inserts - Milling



L066
 KYOCERA Carbide Inserts - Milling



L059
 Carbide Inserts - Milling



M540
 Face Mill Arbor



M542
 Face Mill Arbor



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M544
 Face Mill Arbor



M545
 Face Mill Arbor



M247
 Air Power Drawbar



M2295
 Power Feed Unit



M229
 Power Feed Unit



M225
 Precision Slotting Head Attachment



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



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L300
Magnetic Swarf Remover



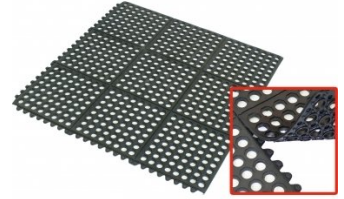
M9991
Magnetic Floor Sweeper



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

