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Product Brochure For M607D

Industrial Turret Milling Machine - BM-40V

Table Travel: (X) - 860mm (Y) - 360mm (Z) - 425mm
Includes Digital Readout System



On Sale

Ex GST	Inc GST
~~$15,250.00~~	~~$16,775.00~~
$14,790.00	$16,269.00

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):	±90º
Tilting Head (Forward ~ Back):	±45º
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 form 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
- 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 ±45º forward and back
- Mill head tilts to ±90º 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

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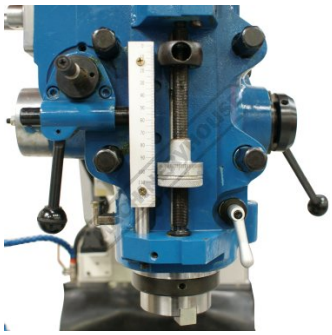
Product Brochure For M607D


Spindle Brake


Forward Reverse Switch


Halogen Light


Coolant Nozzel


Quill Feed Depth Stop


Quill Feed Engagement Lever

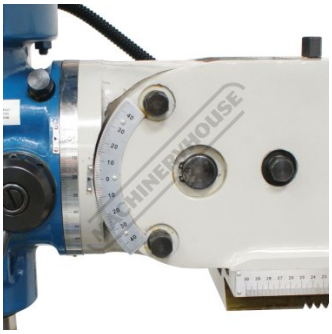


Feed Engage Disengage Drive



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

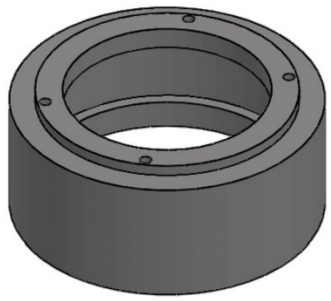


Safety Quill Guard

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 90º - Positive Rake



M512
Face Mill 90º - Positive Rake



M503
Face Mill 90º - Positive Rake



M515
Face Mill 45º - Super High-Rake



M517
Face Mill 45º - Super High-Rake



M518
Face Mill 45º - 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



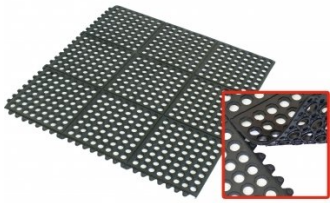
M9991
Magnetic Floor Sweeper



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

