

Product Brochure For XMM111

Industrial Turret Milling Machine - BM-70VE

Table Travel: (X) - 1050mm (Y) - 420mm (Z) - 400mm
 Includes Digital Readout System, Inverter Variable Spindle Speed & Inverter X & Y-Axis Feed Motors



ORDER CODE:	XMM111
MODEL:	BM-70VE NT40
Branch Location (State):	Sydney
Type:	MILL
Brand:	HAFCO
Capacity:	~
Speed Range (rpm):	~
Motor Power (kW / hp):	3.75 / 5
Voltage / Amperage (V / amp):	415



Description

The BM-70VE Industrial turret milling machine is manufactured in Taiwan to a strict precision engineering ultra-high tolerance & superior excellence to cope with many jobs from small to big that is set out by the professional machinist, and importantly to deliver many years of valuable & reliable service.

This heavy-duty solid milling machine has a generous scope in all X, Y & Z travels, X-axis 1050mm, Y-axis 420mm & Z-axis 400mm. What separates this BM-70VE turret milling machine from all the others on the market is the large 1500 x 305mm table has a very long table base support and will accept a heavy table weight of 500kg. furthermore, it is complimented with square slide-ways for the Y & Z-axis which relates to more surface area resulting in outstanding rigidity and performance when taking heavy cuts.

This milling machine package is also complete with a few of the most desirable features for example, 5hp motor driving the NT40 spindle taper, Inverter controller X & Y axis feeds, Z-axis powered elevating motor, pneumatic operated draw bar to easily & quickly change tool holders with a push of a button and automatic operated oil pump to keep slides in perfect working order.

The BM-70VE machine also includes features like, electronic variable spindle speed with a digital readout display, 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 and a 3-axis digital readout system fitted.

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-70VE heavy-duty industrial turret milling machine is that this model can withstand the heavy metal removal cuts, and when its put to the test it certainly performs its duties with absolutely no hesitation.

Features

- 3 Axis digital readout fitted
- 5HP 415V motor, inverter control variable speed system with automatic spindle brake (BM-70VE)
- Inverter controlled feed motors on X & Y-Axis
- High quality spindle speed control with digital readout
- NT40 Spindle taper with a 105mm chrome & ground quill
- Digital spindle speed readout
- Hardened & ground work table & slide-ways
- Square construction slides for X & Z axis to maximise rigidity
- Turcite B coated X & Y-Axis slide-ways reduces friction for smooth operation

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- Pneumatic operation drawbar system for quick and effortless tool change
- Powered elevating motor for Z-Axis
- 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
- Micro switch on the manual knee handle for additional operator safety
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.04, 0.08, 0.13mm/rev
- Automatic cut off depth stop on quill
- Automatic 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
- Tool box and manual

Includes

- 3 Axis digital readout fitted
- Automatic oil lubrication pump and reservoir
- Pneumatic drawbar system M16 thread
- Coolant system
- Slideway covers
- Z-Axis powered elevating motor
- X & Y-Axis inverter controlled power-feed
- Halogen light
- Safety cutter guard
- Swarf tray
- Drawbar M16 thread

Specific Features



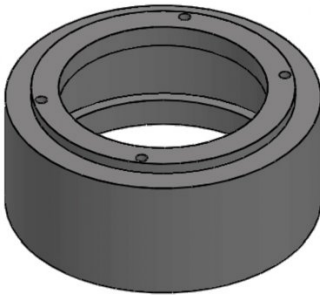
Head Controls

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Recommended Accessories

M223

Riser Spacer - Suits Turret Milling Machines



C091

Clamp Kit 58 piece - Workshop Series



C966

Collet & Chuck Set - 25 Piece



M3301

Metric HSS Slot Drill & End Mill Set - 10 Piece



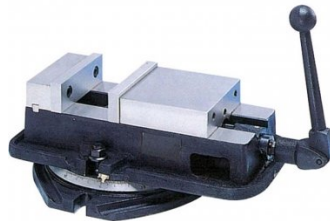
M3321

Imperial HSS Slot Drill & End Mill Set - 10 Piece



V306

Vertex Anglock Machine Vice



M184

Precision Boring Head



M185

Precision Universal Facing & Boring Head



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M197A
 Boring Head Shank



M181
 Boring Bar Set - 12 piece



M181A
 Boring Bar Set - 4 piece



C294
 Industrial Drill Chuck - Keyless Type



D448
 NT40 x JT3 Drill Chuck Arbor -
 M16 Threaded Shank



M252
 Parallel Set - 18 Piece



R008
 Vertex Rotary Table



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



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M503
 Face Mill 90° - Positive Rake



M517
 Face Mill 45° - Super High-Rake



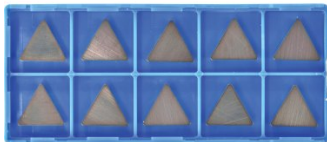
M518
 Face Mill 45° - Super High-Rake



L065
 KYOCERA Carbide Inserts -
 Milling



L066
 KYOCERA Carbide Inserts -
 Milling



M552
 Face Mill Arbor



M554
 Face Mill Arbor



M555
 Face Mill Arbor



M250
 Parallel Set - 8 Piece



L059
 Carbide Inserts - Milling



S090A
 Soluble Metal Cutting Fluid - 1
 Litre



S090
 Soluble Metal Cutting Fluid - 5
 Litre



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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



M247

Air Power Drawbar



M229

Power Feed Unit



M2295

Power Feed Unit



M225

Precision Slotting Head Attachment



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



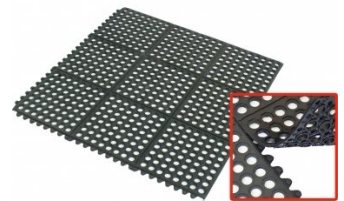
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



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O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

