Auckland: (09) 2717 234
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Product Brochure For M596D

Industrial Turret Milling Machine - BM-52VE

Table Travel: (X) - 860mm (Y) - 425mm (Z) - 400mm
Includes Digital Readout System

Ex GST	Inc GST
$16,776.00	$19,292.40



ORDER CODE:	M596D
MODEL:	BM-52VE
Digital Readout:	3-Axis Digital Readout
Type:	Vertical
Table Size (mm):	1370 x 254
Column Type:	~
Spindle Taper - Vertical:	NT40
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	860
Cross Travel (Y-Axis) (mm):	425
Vertical Travel (Z-Axis) (mm):	400
Type of Slides:	Dovetail (X), Square (Y & Z)
Ram Travel (mm):	470
Spindle to Table (mm):	515
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 86
Throat Depth (max.) (mm):	609
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):	0.038 / 0.076 / 0.152
Power Feed - Longitudinal (X-Axis) (mm/min):	20 - 2000
Power Feed - Cross (Y-Axis) (mm/min):	20 - 2000
Power Feed - Vertical (Z-Axis) (mm/min):	Rapid
Table T-Slot Size (inch / mm):	16
Work Table Load Capacity (kg):	350
Spindle Speeds Vertical (No./ rpm):	Variable (50 - 3650)
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):	1130

Description

Quality product representing excellent value

Features

- 3 Axis digital readout fitted
- 5HP 415V motor with mechanical variable speed system
- NT40 Spindle taper with a chrome & ground quill
- Hardened & ground work table & slide-ways
- Square construction slides for Y & Z-Axis to maximise 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 & Y-Axis power-feed with adjustable micro switch feed stops

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- Powered elevating motor for Z-Axis
- Micro switch on the manual knee handle for additional operator safety
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Automatic quill feed 0.038, 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 ±45º forward and back
- Mill head tilts to ±90º 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 M16 thread
- Coolant system
- Slideway covers
- X-Axis power-feed
- Y-Axis power-feed
- Z-Axis powered elevating motor
- LED work light
- Safety cutter guard
- Swarf tray

Specific Features


Left View



Control Panel



Axis Digital Readout System

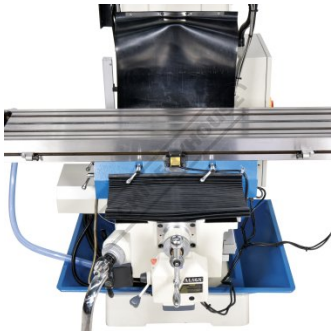

Safety Milling Guard


Quill Feed Depth Stop



Feed Range Selector

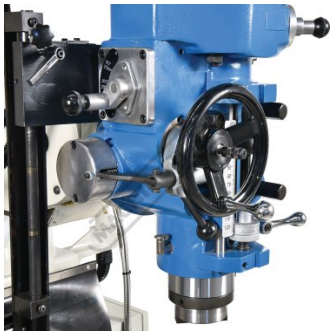

Halogen Worklight Coolant Hose


Table Feed Limit Switches

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Quill Feed Engagement Lever


Head Controls


Head Right View


Head Left View


X Axis Dial



Feed Engage Disengage Drive



Feed Engage Disengage Drive 2


Universal Tilting and Rotating Head


Adjustable Swivel Sliding Ram


Tail Lug Spigot Supports Slotting Head


X Axis Power Feed With Rapid


Z Axis Dial


Z Axis Rapid Motor


Knee Feed Handle


Lubrication Pump


Y Axis

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Product Brochure For M596D

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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Product Brochure For M596D

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 90º - Positive Rake



M503
Face Mill 90º - Positive 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



M552
Face Mill Arbor



M554
Face Mill Arbor



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Product Brochure For M596D

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



S074
Cutting Tool Lubricant Paste - 500g



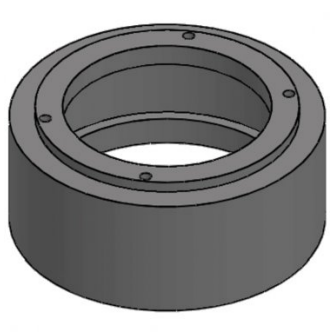
M229
Power Feed Unit



M2295
Power Feed Unit



M224
Riser Spacer - Suits Turret Milling Machines



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



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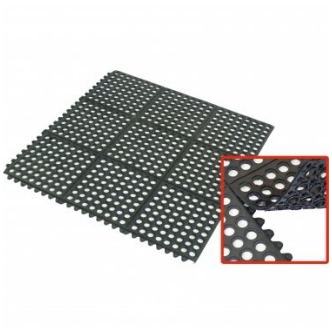
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Product Brochure For M596D

M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

