

BM-63VE - Industrial Turret Milling Machine

Table Travel: (X) - 890mm (Y) - 400mm (Z) - 400mm
 Includes Ballscrews X & Y Axis, Digital Readout System, Machine
 Vice & Clamp Kit



Ex GST **Inc GST**
\$16,750.00 **\$18,425.00**

ORDER CODE:	M599D
MODEL:	BM-63VE
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):	890
Cross Travel (Y-Axis) (mm):	400
Vertical Travel (Z-Axis) (mm):	400
Type of Slides:	Dovetail (X), Square (Y&Z)
Ram Travel (mm):	550
Spindle to Table (mm):	450
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 105
Throat Depth (max.) (mm):	740
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):	0.04 / 0.08 / 0.15
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):	400
Spindle Speeds Vertical (No./ rpm):	Variable (50 - 3550)
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):	1555

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 105mm chrome & ground quill
- Hardened ballscrew X & Y-Axis providing smooth and accurate operation
- Digital speed readout display for accurate cutter speed
- Hardened & ground work table & slide-ways
- Square construction slides for Y & Z-Axis to maximise rigidity
- 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.

Product Brochure For M599D

- High / neutral and low gear selection lever to maximise torque
- X & Y-Axis power-feed with adjustable micro switch feed stops
- 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, 0.15mm/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
- Hardened ballscrew X & Y-Axis
- Digital speed readout display
- One-shot oil lubrication pump and reservoir
- X & Y-Axis power-feed
- Z-Axis powered elevating motor
- Machine vice 160mm
- Clamp kit set
- Drawbar M16 thread
- Coolant system
- Slideway covers
- Safety cutter guard
- Halogen light
- Swarf tray
- Drawbar M16 thread

Specific Features



Left View



Left Side View



Right Side View



Front View



Control Panel



3 Axis Digital Readout



Variable Speed Hand Wheel



Variable Speed Digital Display

Product Brochure For M599D



Spindle Brake Lever



Drawbar



High Low Speed Range Selection Lever



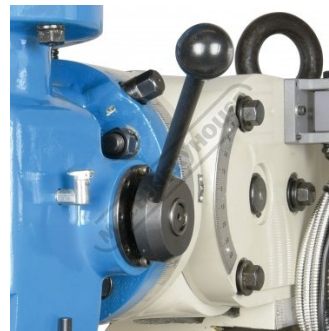
Quill Feed Engage Lever



Quill Feed Depth Stop



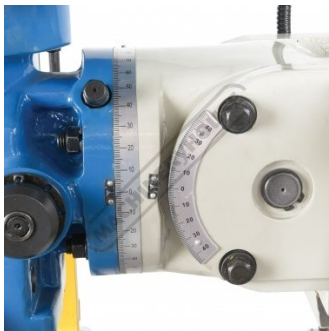
Feed Speed Selector Lever



Quill Hand Lever



Head Tilt Knuckle



Universal Tilting and Rotating Head



Adjustable Swivel and Sliding Ram



Tail Lug Spigot Supports Slotting Head



Table Feed Limit Switches



X Axis Power Feed with Rapid



X Axis Dial Graduations



Y Axis Power Feed with Rapid



Y Axis Dial Graduations

Product Brochure For M599D



Z Axis Handle



Z Axis Dial Graduations



Z Axis Elevating Motor



Rear Slideway Protection Cover



Manual Slideway Lubrication Pump



Safety Cutter Guard



Work Light and Coolant Hose



Includes Machine Vice



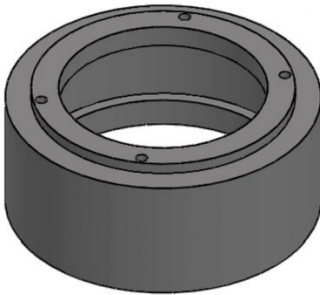
Included Accessories

Product Brochure For M599D

Recommended Accessories

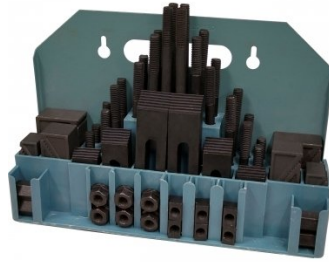
M224

Riser Spacer - Suits Turret Milling Machines



C0966

Clamp Kit 58 piece - Workshop Series



C966

Collet & Chuck Set - 25 Piece



M3301

Metric HSS Slot Drill & End Mill Set - 10 Piece



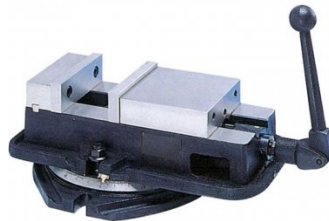
M3321

Imperial HSS Slot Drill & End Mill Set - 10 Piece



V306

Vertex Anglock Machine Vice



M184

Precision Boring Head



M185

Precision Universal Facing & Boring Head



Product Brochure For M599D

M197A
 Boring Head Shank



M181
 Boring Bar Set - 12 piece



M181A
 Boring Bar Set - 4 piece



C292
 Industrial Drill Chuck - Keyless Type



C294
 Industrial Drill Chuck - Keyless Type



D446
 NT40-JT6 Drill Chuck Arbor



D448
 NT40-JT3 Drill Chuck Arbor



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



Product Brochure For M599D

R002
Vertex Super Indexing Head



M512
Face Mill 90° - Positive Rake



M503
Face Mill 90° - Positive Rake



M517
Face Mill 45° - Super High-Rake



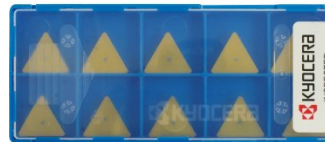
M518
Face Mill 45° - Super High-Rake



L065
KYOCERA Carbide Inserts - Milling



L066
KYOCERA Carbide Inserts - Milling



M552
Face Mill Arbor



M554
Face Mill Arbor



M555
Face Mill Arbor



M250
Parallel Set - 8 Piece



L059
Carbide Inserts - Milling



Product Brochure For M599D

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



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

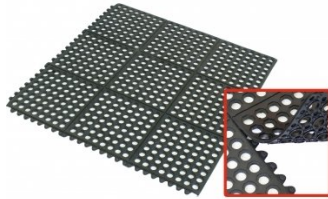


Product Brochure For M599D

M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O000A
 Natural Zeolite Absorbent



O043
 Rust & Corrosion Preventive - Penetrant & Lubrication



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive - Penetrant & Lubrication



O044
 Rust & Corrosion Preventive - Penetrant & Lubrication

