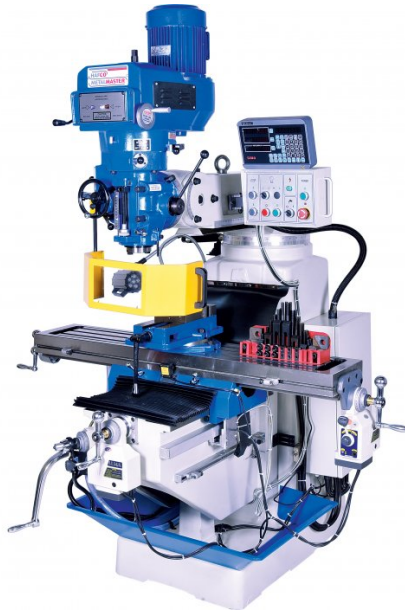


Product Brochure For M598D

Industrial Turret Milling Machine - BM-62VE

Table Travel: (X) - 965mm (Y) - 415mm (Z) - 385mm

Includes Digital Readout System



ORDER CODE:	M598D
MODEL:	BM-62VE
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):	965
Cross Travel (Y-Axis) (mm):	415
Vertical Travel (Z-Axis) (mm):	385
Type of Slides:	Dovetail (X), Square (Y & Z)
Ram Travel (mm):	540
Spindle to Table (mm):	405
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 105
Throat Depth (max.) (mm):	730
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):	0.038 / 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):	400
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):	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
- 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

Product Brochure For M598D

- X & Y-Axis power-feed with adjustable micro switch feed stops
- 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
- 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
- Mechanical spindle brake
- Tool box and manual

Includes

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

Specific Features



Control Panel



Safety Milling Guard



Mill Head Right View



Head Front View



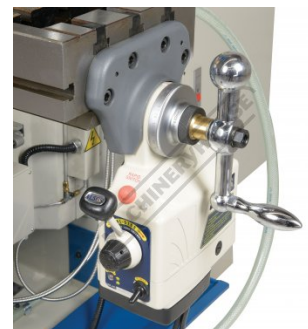
Universal Tilting and Rotating Head



Adjustable Swivel and Sliding Ram



Tail Leg Spigot Supports Slotting Head



X Axis Power Feed With Rapid

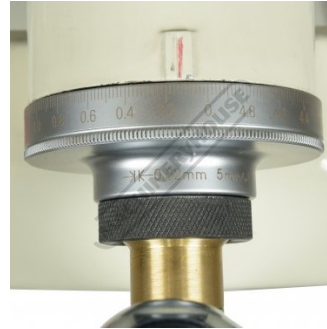
Product Brochure For M598D



X Axis Dial



Y Axis Power Feed With Rapid



Y Axis Dial



Z Axis Dial



Z Axis Rapid Motor



Lubrication Pump



Worklight and Coolant Hose



Machine Vice



Clamp Kit



Left View

Product Brochure For M598D

Recommended Accessories

C091

Clamp Kit 58 piece - Workshop Series



C966

Collet & Chuck Set - 25 Piece



M3301

Metric HSS Slot Drill & End Mill Set - 10 Piece



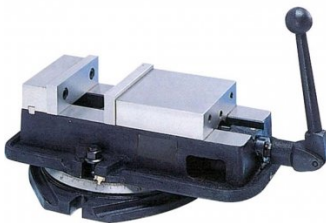
M3321

Imperial HSS Slot Drill & End Mill Set - 10 Piece



V306

Vertex Anglock Machine Vice



M184

Precision Boring Head



M185

Precision Universal Facing & Boring Head



M197A

Boring Head Shank



Product Brochure For M598D

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 x JT6 Drill Chuck Arbor - M16 Threaded Shank



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 Chuck



Product Brochure For M598D

M512
Face Mill 90° - Positive Rake



M503
Face Mill 90° - Positive Rake



M517
Face Mill 45° - Super High-Rake



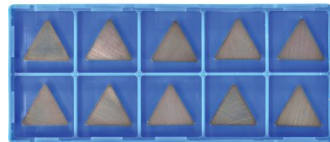
M518
Face Mill 45° - Super High-Rake



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



S090A
Soluble Metal Cutting Fluid - 1
Litre



Product Brochure For M598D

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



M247

Air Power Drawbar



M2295

Power Feed Unit



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



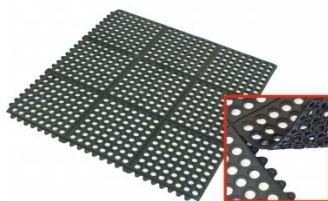
M800

Rubber Mat - Anti-Fatigue



M805

Rubber Mat - Anti-Fatigue



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



Product Brochure For M598D

O044

Rust & Corrosion Preventive

