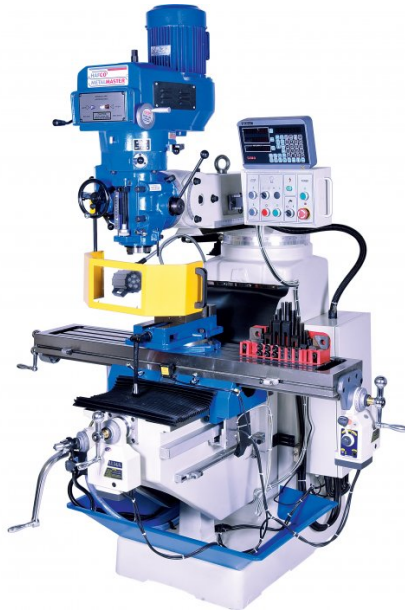


Product Brochure For M598D

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

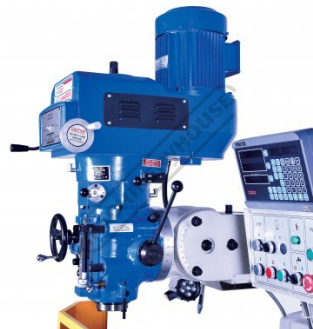
Specific Features



Control Panel



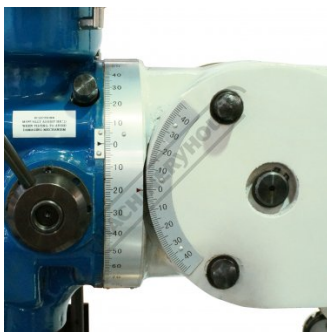
Safety Milling Guard



Mill Head Right View



Head Front View



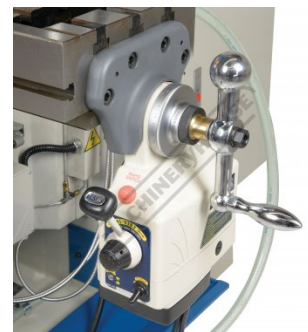
Universal Tilting and Rotating Head



Adjustable Swivel and Sliding Ram



Tail Leg Spigot Supports Slotting Head



X Axis Power Feed With Rapid

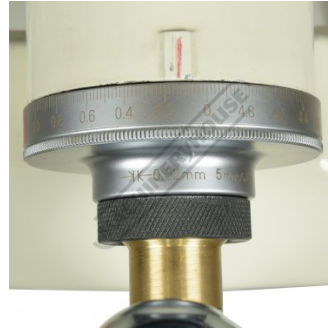
Product Brochure For M598D



X Axis Dial



Y Axis Power Feed With Rapid



Y Axis Dial



Z Axis Dial



Z Axis Rapid Motor



Lubrication Pump



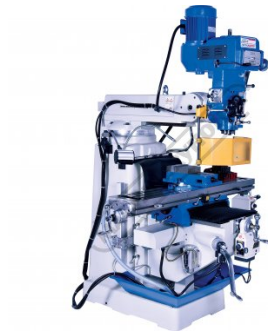
Worklight and Coolant Hose



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



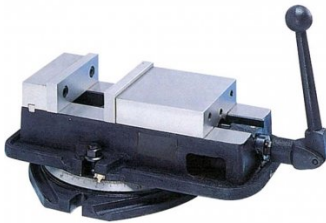
M3321

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



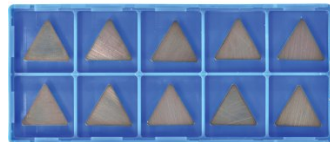
M518
 Face Mill 45° - Super High-Rake



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



S075
 Cutting Tool Lubricant Paste - 200g



S074
 Cutting Tool Lubricant Paste - 500g



M247
 Air Power Drawbar



M2295
 Power Feed Unit



M225
 Precision Slotting Head Attachment



L300
 Magnetic Swarf Remover



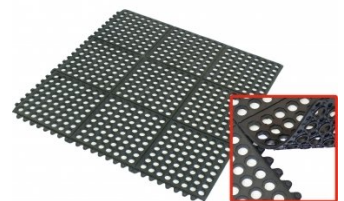
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



Product Brochure For M598D

O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

