

Product Brochure For K8745D

BM-40V Turret Milling Machine with Digital Readout - Includes Tooling Package - QLD Schools / TAFE

(X) 860mm (Y) 360mm (Z) 425mm

QLD Contract Item No. 12.4



Please Call

ORDER CODE:	K8745D
NSW DOE Item No.:	~
QLD DOE Item No.:	12.4
MODEL:	Schools / TAFE BM-40V & with Digital Readout
Digital Readout:	3-Axis DRO
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Spindle Taper:	NT30
Quill Travel / Diameter (mm):	127 / 86
Spindle to Table (mm):	505
Type of Slides:	Dovetail
Spindle to Column (mm):	735
Table Size (mm):	1370 x 254
T-Slot (mm):	5/8
Longitudinal Travel (X-Axis) (mm):	860
Cross Travel (Y-Axis) (mm):	360
Vertical Travel (Z-Axis) (mm):	425
Work Table Load Capacity (kg):	300
Swivel Head (Left - Right):	±90°
Quill Feed Rate/Rev (mm/rev):	0.015 / 0.04 / 0.08
Spindle Speeds (Vertical) (No. / rpm):	Variable (70 - 3500)
Spindle Speeds (Horizontal) (No. / rpm):	~
Motor Power (Vertical) (kW / hp):	2.2 / 3
Motor Power (Horizontal) (kW / hp):	~
Motor Voltage (V / amp):	415
Nett Weight (kg):	1300



Description

Manufactured in Taiwan

Features

- 3hp 415V motor, Infinitely variable speed drive system
- NT30 Spindle taper with a chrome hardened & ground quill
- Hardened & ground work table & slide-ways
- Mill head tilts 4-ways, left-right & forward-back
- Meehanite casting for high strength & minimal deformation
- The ram incorporates a tail lug (spigot) to accept a slotting attachment
- High / neutral and low gear selection lever to maximise torque
- Align AL-500S X-Axis power-feed with adjustable micro switch feed stops
- One-shot oil lubrication pump & reservoir for slideways
- Turcite "B" coated X & Y-Axis slide-ways reduces friction for smooth operation
- Automatic quill feed 0.015, 0.04, 0.08mm/rev
- with automatic cut off depth stop on quill
- Metric dial graduations @ 0.02mm for X , Y & Z Axis

Safety Features

- Knee Mounted E-Stop
- Interlocked spindle safety guard

Includes

- 3 Axis DRO

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- LED Lamp
- Coolant System
- X-Axis Power Feed
- 150mm Machine Vice
- Clamp Kit
- Spindle Guard with Micro
- Swarf Tray
- Slideway Covers
- M12 x 1.75mm Drawbar
- (C091) Clamp Kit 58 piece - Workshop Series - 1/2" UNC Stud
- (C292) Industrial Drill Chuck - Ø0.3 - Ø13mm
- (D450) NT30 x JT6 Drill Chuck Arbor - M12 Threaded Shank
- (C9245) Ø6 - Ø20mm Collet & Chuck Set - 8 Piece
- (L066) KYOCERA Carbide Inserts - Milling- 10 Inserts
- (M3301) Metric HSS Slot Drill & End Mill Set - 10 Piece
- (M542) FMB27-20 - Face Mill Arbor
- (M512) Face Mill 90° - Positive Rake - Ø75mm
- (V106) Vertex K-Type Milling Vice - 152mm Jaw Width

Specific Features



Variable Speed Head 70 3500rpm



Hi Low Spindle Speed Range Selector



Spindle Brake



3 Axis Digital Readout System



Control Panel



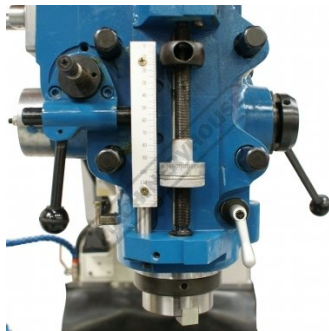
Forward Reverse Switch



Halogen Light



Coolant Nozzel



Quill Feed Depth Stop



Quill Feed Engagement Lever



Feed Engage Disengage Drive

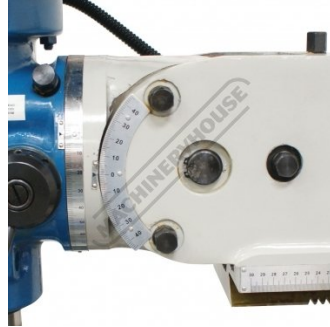


Feed Selector

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Lubrication Pump



Universal Tilting and Rotating Head



Adjustable Swivel and Sliding Ram



Tail Lug Spigot Supports Slotting Head



Concertina Slide Way Cover

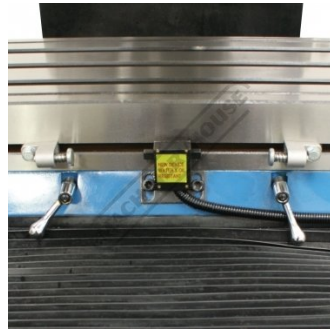


Table Feed Limit Switches



X Axis Power Feed with Rapid



Knee Feed Handle



Cross Feed Handle



Head Side View



Safety Quill Guard



Head Controls



C091 Clamp Kit 58 piece Workshop Series



C292 Industrial Drill Chuck 0.3 13mm

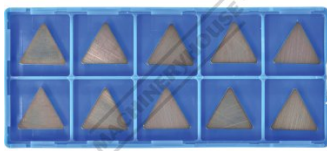


C9245 6 20mm Collet Chuck Set



D450 NT30 x JT6 Drill Chuck Arbor

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L066 KYOCERA Carbide Inserts Milling 10 Inserts



M512 Face Mill 90 Positive Rake 75mm



M542 FMB27 20 Face Mill Arbor



M3301 Metric HSS Slot Drill End Mill Set

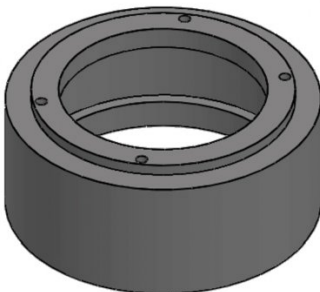


V106 Vertex K Type Milling Vice

Recommended Accessories

M224

Riser Spacer - Suits Turret Milling Machines



M225

Precision Slotting Head Attachment



M184

Precision Boring Head



M197

Boring Head Shank



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C290
 Heavy Duty Drill Chuck - Keyed Type



C292
 Industrial Drill Chuck - Keyless Type



C294
 Industrial Drill Chuck - Keyless Type



D451
 NT30 x JT3 Drill Chuck Arbor Type



D450
 NT30 x JT6 Drill Chuck Arbor - M12 Threaded Shank



M333
 Metric HSS Slot Drill & End Mill Set - 12 Piece



M335
 Imperial HSS Slot Drill & End Mill Set - 12 Piece



C928
 Collet & Chuck Set - 20 Piece



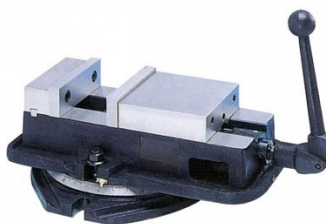
V105
 Vertex K-Type Milling Vice



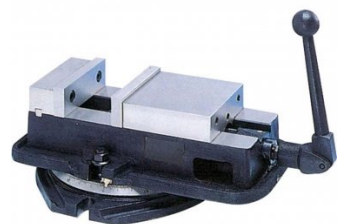
V106
 Vertex K-Type Milling Vice



V305
 Vertex Anglock Machine Vice



V306
 Vertex Anglock Machine Vice



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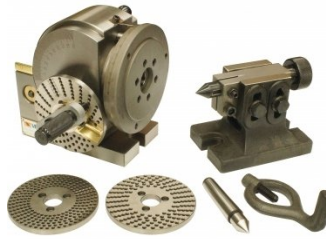
R008
 Vertex Rotary Table



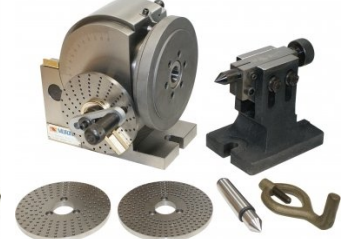
R010
 Vertex Rotary Table



D001
 Vertex Dividing Head - Semi Universal



D002
 Vertex Dividing Head - Semi Universal



R002
 Vertex Super Indexing Head



C280
 3 Jaw Self Centring Lathe Chuck



C2806
 3 Jaw Self Centring Lathe Chuck



M247
 Air Power Drawbar



M2295
 Power Feed Unit



M229
 Power Feed Unit



L065
 KYOCERA Carbide Inserts - Milling



M510
 Face Mill 90° - Positive Rake Milling



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M512
 Face Mill 90° - Positive Rake



M503
 Face Mill 90° - Positive Rake



M515
 Face Mill 45° - Super High-Rake



M517
 Face Mill 45° - Super High-Rake



M518
 Face Mill 45° - Super High-Rake



M540
 Face Mill Arbor



M542
 Face Mill Arbor



M544
 Face Mill Arbor



M545
 Face Mill Arbor



L066
 KYOCERA Carbide Inserts -
 Milling



M252
 Parallel Set - 18 Piece



M250
 Parallel Set - 8 Piece



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M519
 End Mill - Ø12mm

M520
 End Mill - Ø16mm

M521
 End Mill - Ø20mm

L059
 Carbide Inserts - Milling

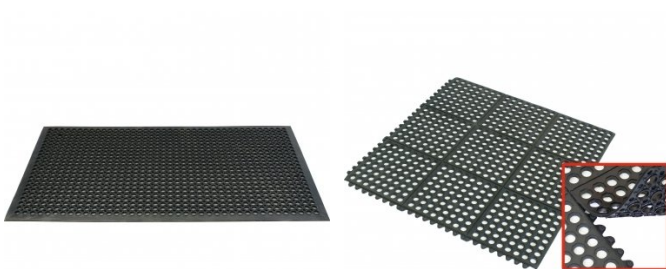


M800
 Rubber Mat - Anti-Fatigue

M805
 Rubber Mat - Anti-Fatigue

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



Product Brochure For K8745D

O000
 SpillFix Universal Organic
 Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant &
 Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

