

M632D Turret Milling Machine BM-90VE



Code: M632D
Model: BM-90VE
Capacity: (X) 1120mm (Y) 520mm (Z)
Weight (Nett): 2600
Dimensions: 360mm
228 x 203 x 226

Description

Manufactured in Taiwan

Features

- 3 Axis digital readout fitted
- 5HP 415V motor, inverter control variable speed system(BM-90VE)
- Ballscrew X & Y-Axis providing smooth and accurate operation
- Japanese quality Yaskawa spindle speed controller
- NT40 Spindle taper with a 110mm chrome & ground quill
- Servo controlled feed motors on X & Y-Axis ensures response, accuracy and consistent feed
- Hardened & ground work table & slide-ways
- Square construction slides for X & Z-Axis to maximise rigidity
- Turcite B coated X & Y-Axis slide-ways reduces friction for smooth operation
- Pneumatic operation drawbar system for quick and effortless tool change
- Powered elevating motor for Z-Axis
- Large 1470mm x 370mm work table
- Electric fan incorporated in milling head to reduce heat
- Meehanite casting for high strength & minimal deformation
- Quality electrics & overload protection in an easy access enclosure
- Horizontal travelling ram mounted on a solid base allowing repositioning of spindle
- High / neutral and low gear selection lever to maximise torque
- Coolant system, halogen light, & swarf tray
- 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, 0.13mm/rev
- Automatic cut off depth stop on quill

- Automatic oil lubrication pump and reservoir
- Table trays each end of work table
- Clutch hand wheels X & Y-Axis
- Steel slideway cover Y-Axis
- Head swivels $\pm 90^\circ$ left and right
- Manual quick action quill lever
- Tool box and manual

Includes

- 3 Axis digital readout fitted
- Ballscrew X & Y-Axis
- Automatic oil lubrication pump and reservoir
- Pneumatic drawbar system M16 thread
- Coolant system
- Steel slideway cover
- Z axis powered elevating motor
- X & Y-Axis servo controlled power-feed
- Halogen light
- Safety cutter guard
- Swarf tray

Specifications

CODE	M632D	End Milling Capacity	~
Model	BM-90VE	Face Milling Capacity	~
Digital Readout	3-Axis Digital Readout	Power Feed - Quill	0.035, 0.07, 0.14mm/rev
Type	Vertical	Power Feed - Longitudinal (X-Axis)	30 - 3000 mm/min
Table Size	1470 x 370mm	Power Feed - Cross (Y-Axis)	30 - 3000 mm/min
Column Type	~	Power Feed - Vertical (Z-Axis)	Rapid
Spindle Taper - Vertical	NT40	Table T-Slot Size	18mm
Spindle Taper - Horizontal	~	Work Table Load Capacity	600kg
Longitudinal Travel (X-Axis)	1120mm	Spindle Speeds Vertical (steps/rpm)	Inverter (60-3600rpm)
Cross Travel (Y-Axis)	520mm	Spindle Speeds Horizontal (steps/rpm)	~
Vertical Travel (Z-Axis)	360mm	Motor Power - Vertical	3.75kW / 5hp
Type of Slides	Square (Y & Z)	Motor Power - Horizontal	~
Ram Travel	500mm	Motor Voltage	415V
Spindle to Table	500mm	Overall Height	2285mm
Quill Travel / Diameter	140mm / 110mm	Weight (nett)	2650kg
Throat Depth (max.)	685mm		
Swivel Head (Left ~ Right)	$\pm 90^\circ$		
Tilting Head (Front ~ Back)	Fixed		
Drilling Capacity	~		