Infinitely Variable Speed Gear Drive Universal Drilling Milling Machine with Advanced Frequency Inverter and Automatic Spindle Feed



This kind of MM-BF45VS is High Precision Gear-drive Variable Speed Universal Drilling Milling Machine with Advanced Frequency Inverter which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Certification. It features Electronically Controlled Continuously Variable Speed, Automatic Spindle Feed, Motorized Height Adjustment of Milling Head, Working Table Power Feed on X-axis, Lifting Motor, Coolant System, LED working light, solid machine stand with coolant groove and Safety Precautions in accordance with CE-standards.

Main Feature :

Facts that impress in terms of quality, performance and price

- Use Advanced Frequency Inverter (Delta Brand) ensures Variable Speed with Optimal Torque
- Electronically Controlled Continuously Variable Speeds Range from 75 – 2750 RPM
- Max. Drilling Capacity 45 mm with Drilling and Thread Tapping Function
- Gear Drive Headstock
- Automatic Spindle Feed with manual fine feed
- Motorized Table Feed on X-axis
- Motorized Positioning of Milling Head on Z-axis
- Solid Dovetail Guiding in X-axis, Y-axis and Z-axis , Adjustable by Gibs
- Gear head inclined through ± 60 degree
- Heavy, Solid Cast Design and Adjustable Cleats
- Automatic Table Feed with Rapid Feed allows quick table adjustment in X-axis
- Automatic Spindle Feed and Thread Cutting Function come standard
- Smooth action due to polished gear-wheels running in an oil sump
- Right-handed / Left-handed rotation
- Solid machine stand base eliminates vibrations
- Motorized cutter head movement and hand-wheel for exact positioning of head
- Single-Speed Premium industrial quality 1500W powerful electrical main motor
- Rigid base with storage room is included
- Hand-wheel for quill micro-feed
- Premium cast-iron machine frame with adjustable dovetail guides on all axes
- Hardened gear racks and shafts for quiet operation and long life
- Solid and Generously dimensioned Cross Table with Precision Surface finish with T-slots
- Coolant System and Machine Lamp
- Milling head tilts to both sides for Angular boring, groove milling and more
- Connecting Voltage is Single Phase 230V or Three Phase 400V
- 3-axis Digital Position Indicator is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Conveniently Automatic Spindle Feed



Advanced Frequency Inverter ensures Infinitely Variable Speed



Technical Data :

Product Name :	Variable Speed Drilling Milling Machine with Frequency Inverter
Product Item :	MM-BF45VS
Drive Type :	Gear-head Drive with Advanced Frequency Inverter
Drilling Milling Capacity	
Max. Drilling Capacity :	Ø 45 mm
Max. Face Milling Capacity :	Ø 80 mm
Max. End Milling Capacity :	Ø 32 mm
Cross Table	
Table Size :	800 X 240 mm
Distance from Spindle to Cross Table :	460 mm
T-slot Size :	3 piece X 14 mm (width) X 80 mm (spacing)
Drilling Milling Head	
Spindle Speed :	75 – 2750 rpm (Electronically Controlled Variable Speed)
Head Swivel Range :	± 45 degree
Spindle Seat	
Spindle Sleeve Stroke :	120 mm
Spindle Taper :	MT4
Spindle Sleeve Diameter :	Ø 75 mm
Throat :	258 mm
Travels	
X-axis Travel (Longitudinal Travel) :	560 mm
Y-axis Travel (Cross Table Travel) :	195 mm
Z-axis Travel (Vertical Head Travel) :	350 mm
Drive Capacity	
Main Motor :	1500W
Lifting Motor :	90W
Connecting Voltage :	Single Phase 230V or Three Phase 400V
Gross Weight :	548 KGS
Packing Size :	1680 X 950 X 2160 mm
Packing Type :	Export Type Wooden Case
Standard Accessory :	Frequency Inverter, Automatic Spindle Feed, Machine Base, Cross Table Power Feed (X-axis), Lifting Motor for Mill head, Coolant System, Machine Light, Morse Taper Drill Sleeve, Drill Chuck, Drawbar M16, Tools and Toolbox
Optional Accessory :	3-axis Digital Position Indicator is optional spare part