High Precision Gear Drive Powerful Universal Drilling Milling Machine with machine base made of cast iron



This kind of MM-BF45V is the solid cast design gear-drive high precision universal drilling milling machine which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification. Making this drilling milling machine truly versatile is the standard accessory include all major accessories such as table power feed (X-axis), central lubrication, Coolant System, LED working light, cast iron Machine Stand to make it ideal for mechanics, repair shops, industry factories and for training purpose.

Main Feature :

Facts that impress in terms of quality, performance and price

- Max. Drilling Capacity 45 mm
- Gear drive headstock
- Heavy, solid cast design
- Smooth action due to polished gear-wheels running in an oil sump
- Right-handed / Left-handed rotation
- Automatic spindle sleeve feed with manual fine feed
- Motorized positioning of the Z-axis
- Gear head inclined through ± 60 degree
- Solid grey cast-iron machine stand base eliminates vibrations
- Adjustable V-ledges
- Two-stage industrial quality electrical motor
- Rigid base with storage room is included
- Infinitely variable feed on Cross Table (X-axis) is included
- Automatic table feed with rapid feed allows quick table adjustment in X-axis
- Hand-wheel for quill micro-feed
- Large speed range from 75 – 3200 min due to 12 switchable speeds
- Motorized cutter head movement and hand-wheel for exact positioning of head
- Premium cast-iron machine frame with adjustable dovetail guides on all axes
- Hardened gear racks and shafts for quiet operation and long life
- Manual central lubrication for all guide-ways
- 3-axis Digital Position Indicator is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Gear Drive High Precision Drilling Milling Machine
Product Item :	MM-BF45V
Drive Type :	Gear Drive
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 – 3200 min (12 steps)
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 / 1100W (two-stage quality motor)
Connecting Voltage :	Three Phase 400V
Gross Weight :	528 KGS
Packing Size :	1600 X 930 X 2110 mm
Standard Accessory :	Cross Table Power Feed (X-axis), Coolant System, Machine Base, Machine light , Morse Taper Drill Sleeve , Drill Chuck, Drawbar , Tools and Toolbox
Optional Accessory :	3-axis Digital Position Indicator is optional spare part