Versatile Servo-Conventional Bed-Type Universal Milling Machine with Servo-Motor, Preloaded Ball Screws, Large Working Area and Large Travel, Ideal for Heavy Machining of Oversize Workpiece



This kind of MM-BFM2100S Bed-Type milling machine features with servo-conventional feed technology combines heavy-duty machine frame, wide guideways and high drive power for superior cutting performance. Large work area and high maximum table load allow machining of large, complex workpieces.

With electronic handwheels and additional milling functions, this vertical milling machine brings the benefits of CNC technology to large-scale production without the need for programming. It is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- Large Working Table 2100 X 500 mm
- Heavy duty Bed-Type Milling Machine with Advanced Servo-Motor Drive on all 3-axes
- High Precision Preloaded Ball Screws on all 3-axes
- Infinitely Variable Spindle Speed
- Universal Milling Head with 2 Swivel Axes
- Servo feed technology with Electronic Handwheels
- Ball screws in all three axes
- Solid flat guiding guarantees stability at heavy milling
- Micro-Control via Electronic Hand-wheels Offering the same Handling and Positioning
- Electronic stops
- Milling head can swiveled in two planes and positioned at almost any angle
- Long milling arbors can also be used for horizontal machining
- Stepless feed settings and rapid feed in all axis, driven by servo motors
- High maximum loading workpiece weight
- Variable speed adjustment with intermediate transmission system for optimal torque and almost constant speed at heavy workloads
- Rigid grey cast-iron construction allows heavy work load
- Universal milling head system "Huron" can be adjusted to various angles
- Reinforced saddle in robust box construction
- Precisely polished table, ideally positioned on wide saddle
- Column and stand in solid box construction
- 3-axis Digital Position Indicator is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)

Technical Data :

Product Name :	Heavy Duty Bed-Type Milling Machine with Servo-Motor
Product Item :	MM-BFM 2100S
Table Size :	2100 X 500 mm
Table Load Max. Capacity :	1800 KGS
T-slot Size :	4 piece X 18 X 100 mm
Vertical Milling Head	
Spindle Taper (Vertical) :	ISO 50
Spindle Speed (Vertical) :	6 — 1500 RPM
Milling Head Swivel Range :	360 degrees
Distance Spindle Nose to Table :	650 mm
Distance Spindle Center to Column :	610 mm
Travels	
Longitudinal Travel (X-axis) :	1500 mm
Cross Travel (Y-axis) :	650 mm
Vertical Travel (Z-axis) :	650 mm
Feed	
Feed Speed (X-axis) :	3000 mm/min
Feed Speed (Y-axis) :	3000 mm/min
Feed Speed (Z-axis) :	2500 mm/min
Feed X/Y/Z-axis :	18 /18 /23 Nm
Rapid Feed	
Rapid Feed X-axis :	6000 mm /min
Rapid Feed Y-axis :	6000 mm /min
Rapid Feed Z-axis :	3000 mm /min
Handwheel Division X/Y/Z-axis :	0.01 mm
Drive Capacity	
Main Motor :	15 KW
Coolant Pump Motor :	0.09 KW
Connect Voltage :	Three Phase 400V
Gross Weight :	7380 KGS
Packing Size :	3360 X 2450 X 2830 mm
Standard Accessory :	Servo Motor, Coolant System, Milling Arbor, Lubrication System, Machine Lamp, Tools and Toolbox