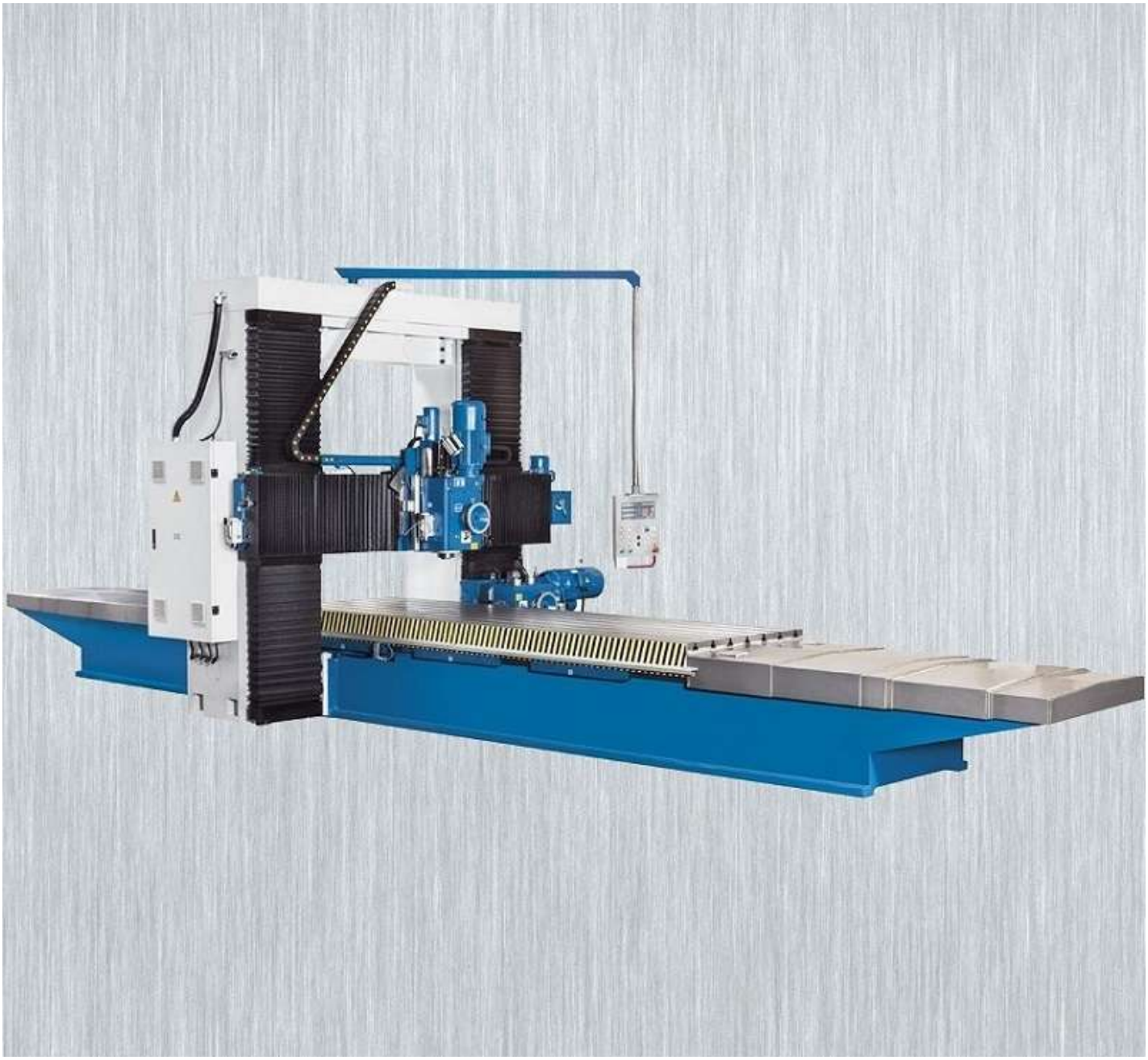
Conventional Beam Gantry-Type Milling features Vertical and Horizontal Milling Capacity with Large Travels

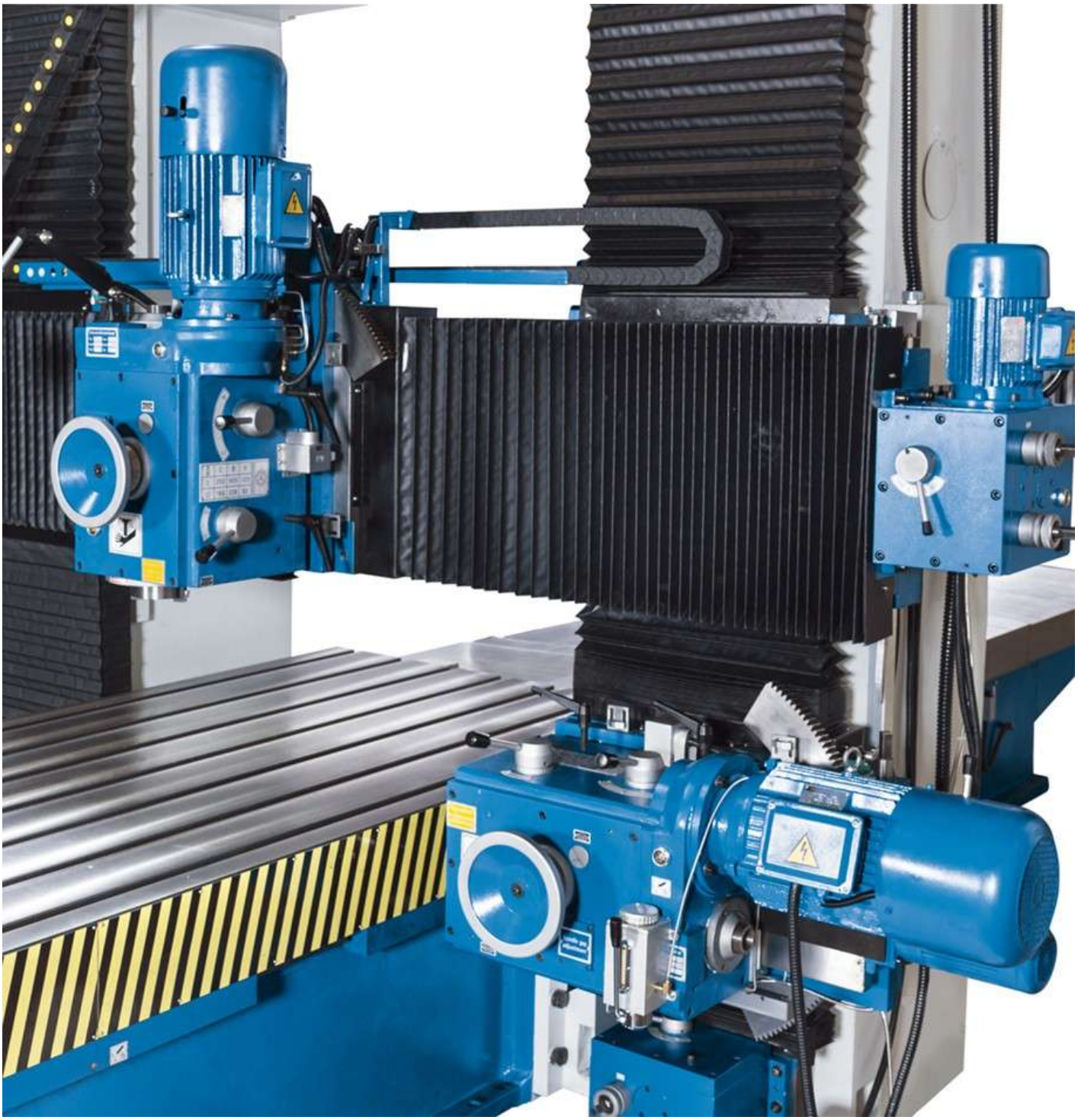


This kind of MM-PMD3012 solidly constructed conventional Beam Gantry-Type Milling Machine features Vertical and Horizontal milling capacity with large travels. Such heavy duty Planer Milling Machine with solid work table 3000X1250 mm and maximum table load capacity 4000 KGS which is been made in ISO9001 factory from MAXNOVO MACHINE with CE Safety Certification.

Main Feature :

Convincing Arguments : Quality, Efficiency and Price

- Solid Larger Work Table 3000 X 1250 mm
- Maximum Load Capacity of Table 4000 KGS work-pieces
- Bed, columns and travel tracks from a solid cast-iron frame structure for high rigidity under hard machining conditions and high table load
- Infinitely variable feed on X-axis
- Main spindle gears with 6 steps – for Vertical and Horizontal operation
  - Automatic central lubrication
  - Control panel mounted on long arm giving user maximum positioning flexibility
  - The traverse height is adjustable ensuring high rigidity even with flat work-pieces since the throat size can be minimized
  - Rigid guides with ground surfaces support table across entire travel distance to ensure constant high geometric accuracy
- All guide-ways are protected by telescoping or bellows
- Two main spindle heads for competitive manufacturing
- Vertical spindle head on height-adjustable traverse move across entire machining width
- 2-sided machining of work-piece in vertical and horizontal direction with only one setup
- Both spindle heads can swivel from -35 degree to +35 degree
- Easy positioning of the horizontal spindle on the right column guide on Y-axis and via a compact guide-way slide 350 mm on the Z-axis
- Gantry construction fully integrated into machine frame for maximum rigidity
- Weight balancing systems easy movement and precise positioning of horizontal spindle head
- 3-axis Digital Position Indicator is optional
- Certificate of Original (CO, FORM A, FORM E, FORM F)



Technical Data :

Product Name :	Conventional Gantry Type Milling Machine
Product Item :	MM-PMD3012
Working Area	
Table Size :	3000 X 1250 mm
Max. Load Capacity of Table :	4000 KGS
T-slot Size :	7 Pieces X 28 mm (Width) X 200 mm (Spacing)
Milling Head Swivel Range :	-35 degree to +35 degree
Travels	
Max. Travel X-axis :	3000 mm
Max. Travel Y-axis :	1400 mm
Max. Travel Z-axis :	1000 mm
Horizontal Spindle	
Spindle Taper (Horizontal) :	ISO 50
Spindle Speed (Horizontal) :	82 — 505 RPM
Distance from Spindle Center to Table :	0 — 500 mm
Vertical Spindle	
Spindle Taper (Vertical) :	ISO 50
Spindle Speed (Vertical) :	82 — 505 RPM
Distance from Spindle Nose to Table :	130 — 1130 mm
Feed	
Table Feed :	25 — 450 mm/min
Table Rapid Feed :	1300 mm/min
Feed Y-axis (Vertical Spindle) :	65, 320 , 890 mm/min
Feed Y-axis (Horizontal Spindle) :	50, 265 , 730 mm/min
Drive Capacity	
Main Motor (Vertical Spindle) :	7500 W
Main Motor (Horizontal Spindle) :	7500 W
Motor Rating X-axis Drive :	7500 W
Motor Rating Y-axis Drive :	1250 W
Motor Rating Z-axis Drive :	1250 W
Gross Weight :	16000 KGS
Machine Size :	7180 X 3550 X 3150 mm
Standard Accessory :	Central Lubrication System, Foundation Bolts, Tools and Toolbox