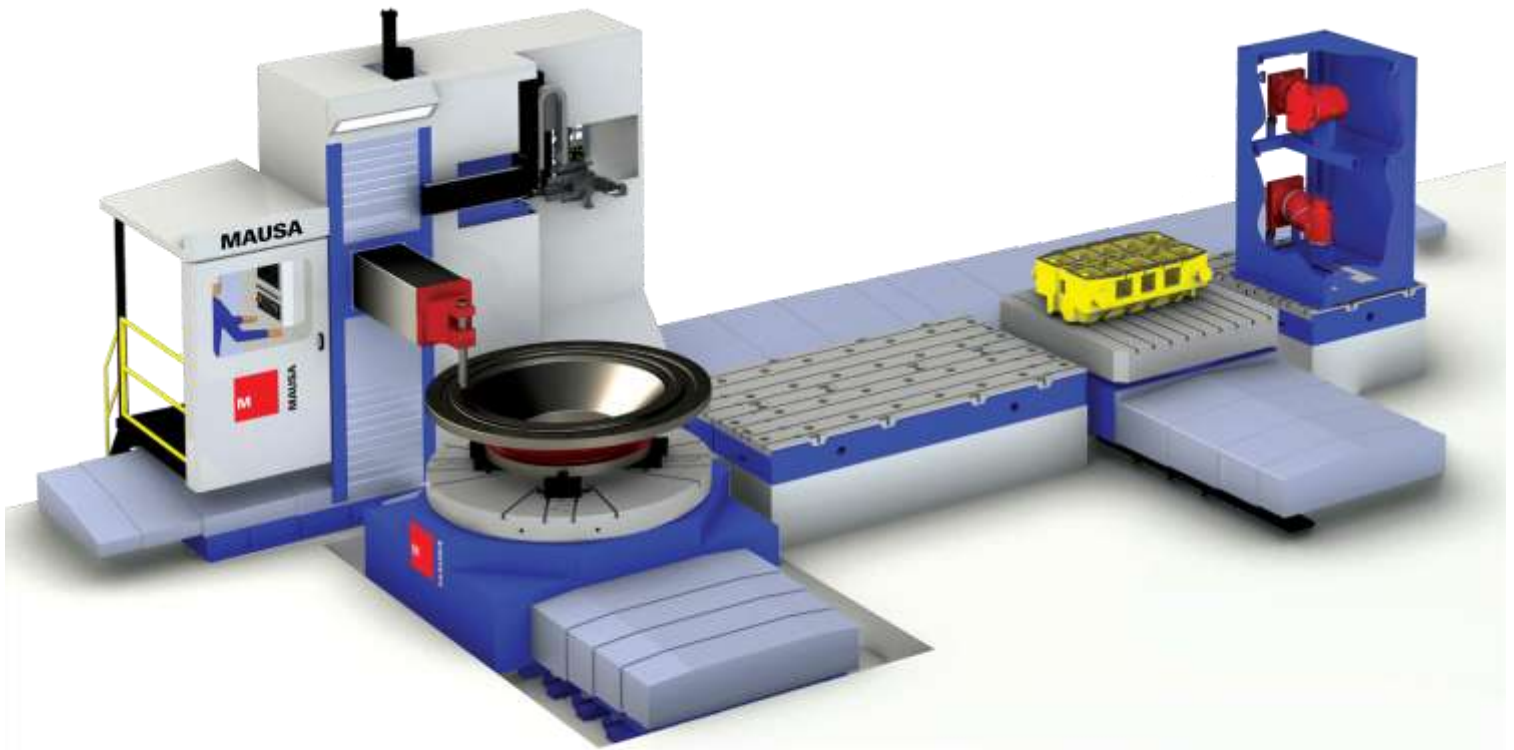


CNC Milling and Boring Machines FVM 80 – FVM 81



FVM 80 / 81



The new line of milling machines and **CNC** boring machines, FVM 80 and FVM 81, was designed to meet the current level of market requirements in productivity, reliability, and performance.

Its technical characteristics, allied to its modular concept, produce appropriate and comprehensive solutions that outweigh most application needs at an unbeatable cost benefit.

Mausa, National Manufacturer of Milling and Boring Machines



CNC Milling and Boring Machines FVM 80 – FVM 81

Basic Technical Data	Unit	CNC Milling FVM 80	CNC Boring FVM 81
Cross Column, X - Axis	mm	3,000 + n x 1,000	
Vertical RAM Travel, Y - Axis		1,500 / 2,200	
Longitudinal RAM Travel, Z - Axis		1,300	
Longitudinal Spindle Stroke, W - Axis		NA	700
Spindle Diameter		NA	130
Rapid X, Y, Z - Axis	mm / min	20,000	
Ram Section	mm x mm	430 x 530	
Spindle Cone	ISO	50	
S1 Power (100% cycle) S6 (40% cycle)	kW	37 / 44	
S1 Power Automatic Universal Head (Optional)		40	
S1 Power Automatic Orthogonal Head (Optional)		30	
S1 Power Milling and Turning Table (Optional)		56	
Maximum Spindle Speed - 2 Speed Ranges	rpm	4,000	
Automatic Universal Head Rotation (Optional)		4,000 pick-up / 5,000 fixed	
Automatic Orthogonal Head Rotation (Optional)		4,000 pick-up / 5,000 fixed	
Milling and Turning Table Rotation (Optional)		100	
Turn Table Capacity	kg	15,000	
Milling and Turning Table Capacity		30,000	
Turn Table Surface		1,600 x 1,600 / 2,000 x 2,000	
Milling and Turning Table Diameter		2,500	
Angular Resolution, B - Axis	degrees	0.001	
Linear Table Travel, V - Axis	mm	1,500	
Automatic Tool Changer - Capacity	un	40 / 60	
Automatic Tool Changer Via Rack - Capacity		10 / 20	

- High dynamic stability thanks to the low center of gravity which provides excellent ergonomics, rigidity, quality of machining and maintainability.
- Lower installation, foundation and assembly costs.

- Low heat generation and high thermal stability, combined with direct measurement on all axes, produce precise and uniform machining, meeting the highest requirements demanded by the market.

Mausa SA Equipment Industries is a manufacturer of medium and large milling and boring machines whose size and variations define its manufacturing worldwide custom format. That is, from the development of the scope with the interested buyer, with a view to the specific machining needs of the process in question.

Mausa also offers a wide range of dedicated accessories to the specific needs of each client.

Contact us for more information



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