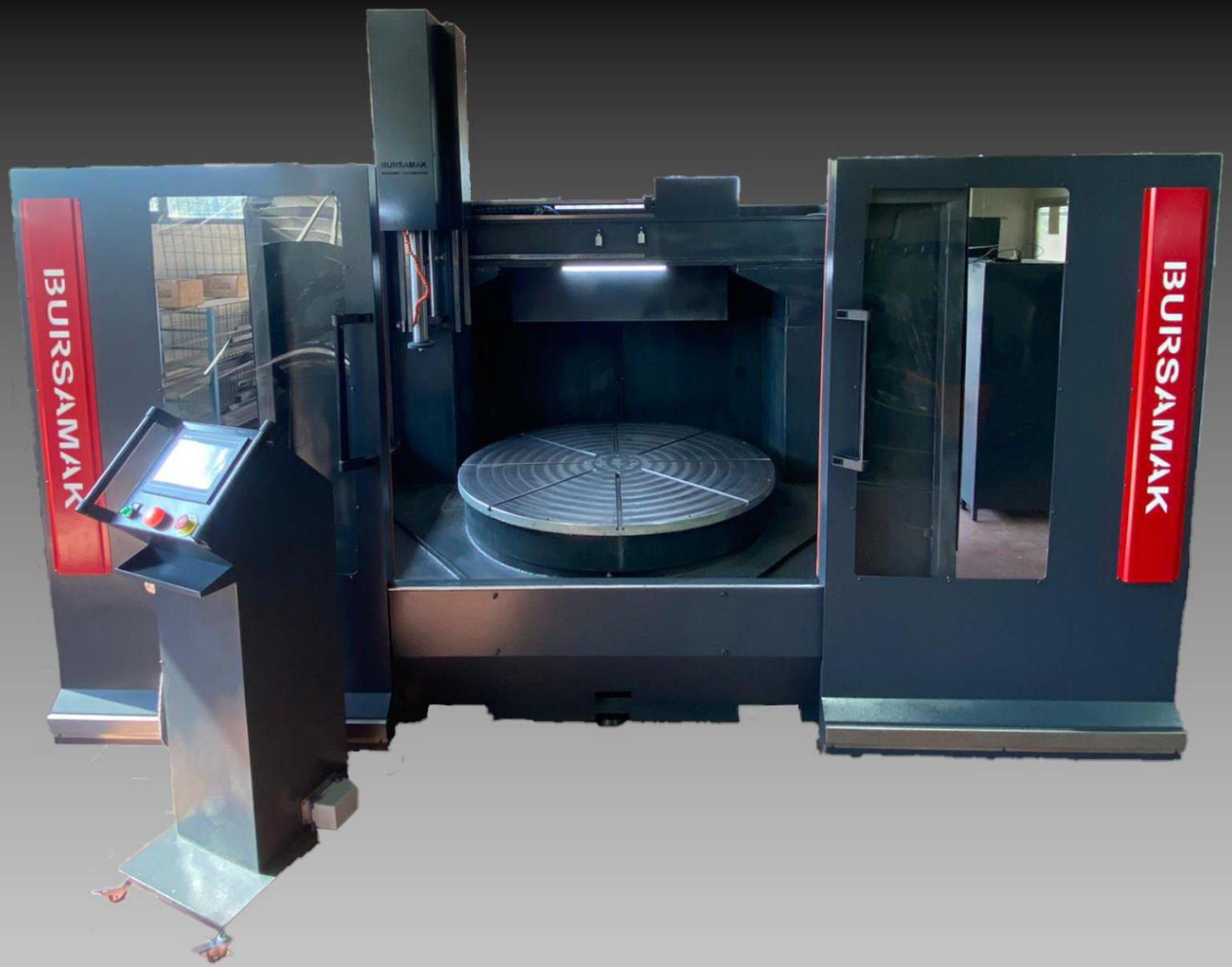


# CNC Vertical Grinding Machine





*We have developed a compact and easy-to-use CNC Vertical Grinding Machine for grinding sensitive and large-scale parts. We have maximized precision with high-resolution precision scales that measure from the mechanical contact point, not from the motor as in other grinding machines. We have guaranteed long life with the pneumatic balancer system we have developed for the Z axis and the bearing configuration we use in all axes including the table. We have reduced the need for maintenance to a very low level thanks to our design that brings the automatic lubrication system to every point with the slightest friction. We have proven this with our machines that have been operating without requiring maintenance for years.*





*As a company that develops high technology, we are aware that the capabilities of machines are limited to their operators. We think that this can be achieved with ease of use. For this reason, we focused on making the control unit simple and understandable in its development. We automated many functions and eliminated complexity. We developed systems to protect our machine from operator errors and electrical fluctuations. In accordance with today's technology, we equipped our machine with features such as online connection, remote control, and energy monitoring.*

*We have given great importance to the compactness of the structural design of our machines so that they do not take up much space and are easy to install. We have developed the most compact machine on the market by perfecting the positions of elements such as the table, bridge, legs and cabin.*



MODEL	VGM750	VGM1100	VGM1500
Table Diameter	750 mm.	1100 mm.	1500 mm.
X Movement	590 mm.	760 mm.	960 mm.
Z Movement	300 mm.	450 mm.	600 mm.
Maximum Workpiece Diameter	800 mm.	1150 mm.	1550 mm.
Maximum Workpiece Height	285 mm.	435 mm.	585 mm.
Front Door Opening	800 mm.	1150 mm.	1550 mm.
Maximum Workpiece Weight	500 kg.	750 kg.	1000 kg.
Machine Weight	3000 kg.	3800 kg.	4500 kg.
Total Power	8 kW	10 kW	13 kW
Machine Dimensions (W X L X H)	180cm X 165cm X 250cm	210cm X 180cm X 270cm	250cm X 200cm X 290cm
Usage Area (W X L X H)	260cm X 260cm X 260cm	330cm X 280cm X 280cm	400cm X 300cm X 300cm
Coolant Tank Volume	80 liter	100 liter	120 liter
Grinder Speed	3000 rpm		
Table Speed	100 rpm		
Coolant Flow Rate	50 liter/minute		
Grinder Sharpening	Available		
Grinder Disc Sizes	The desired grinder can be connected with the Veldon Mandrel.		
Axis Movements	Precise servo controlled		
Grinder and Table Control	Precise speed adjustment from the control unit		
Grinder and Table Rotation Direction	Automatic according to internal external grinding		
Automatic Lubrication	Available		
Spindle Cooling	Available		
Control Unit	Special fully automatic control unit		
Control Panel	10.1" Touch panel		
Handwheel	0.1 / 0.01 / 0.001mm		
Operating Modes	Handwhell / Jog / Automatic		
Indoor Lighting	Available		











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