

## TECHNICAL SPECIFICATION

<b>BM - M - 4000 VERTICAL PANEL SAW MACHINE – Automatic Operated</b> For Wood Working		
Lineer Rail	: All moving parts are move on Lineer Rails with “Ball Movers”.	Standard
Electric Panel	: Contactor, Siemens Automat, 4 units, Schneider Relay, 4 units, various Push button, 3 units Signal lambs, 5 units, led Time relay, pacco switch, emergency stop, transfer socket *quantities and equipment can change based on necessities.	Standard
Main motor		Standard
Power	: 3 KW	
V / Hz	: 3x380V / 50 Hz	
Speed	: 3000 rpm	
Reduktor	: 3 x 0,37 kW	
Cutting System	: - Equiped with two knives. First knife is placed front of main knife as guiding knife. Provides smooth cut of main knife. Blades must provide by user. - The machinery does cutting operation hisselves when pushed to start button. - Cutting head goes hisselves to start position and waits for new start command when cutting operation finished. - Vertical/horizantol position is selecting via push a button. - Automatic plate holder; holds the plate automatically when starts cutting. - Automatic pneumatic lock system; Unlock itselfes when cutting head position change. - Prolonged bottom support & adjustable pulleys. - Vacuum line; rigid pipe & flex hose combination. Suction type. (Vacuum pump is not included to package) - Automatic movable panel support	Standard
Main blade speed	: 6000 rpm	
Scoring Blade Speed	: 8000 rpm	
Cutting thickness (with scoring blade)	: 0-42 mm	
Cutting thickness (w/o scoring blade)	: 0-55 mm	
Cutting height	: 2100 mm	
Cutting lenght	: 3200 mm	
Cutting blade specification	: $\Phi$ 250 x 80 x 30 x 3,2 mm	
Scoring blade specification	: $\Phi$ 125 x 24 x 20 x 3,0 mm	
Pneumatic System	: With all piping, connections, solenoid control valves, pistons, etc.	Standard
Air pressure	: 7 bar(g) – External source	
General		Standard
Machine dim. (WxDxH)	: 4200 x 1350 x 3100 mm	
Shipping dim. (WxDxH) - 2 packages	: 4200 x 250 x 2350 mm 2600 x 1000 x 700 mm	
Weight	: 610 kg	

Additional Safety Features	: <ul style="list-style-type: none"><li>- Machinery never run when “blade’s box” open.</li><li>- Prevention cutting of moving panel. The “second sensor” Stops to cutting operation if “first sensor” get blind because of dust or any.</li><li>- Electric cables are in a rigid pipe for safety purpose.</li></ul>	Standard
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<b>OPTIONAL FEATURES</b>
Automatic plate drive system. Pushs the panel towards cutting head after cutting a slide.
Digital Meter (vertical and horizontal)
Cutting Blade
Scoring Blade
Vacuum pump, suction type, 2000 m <sup>3</sup>