



METRO B-21

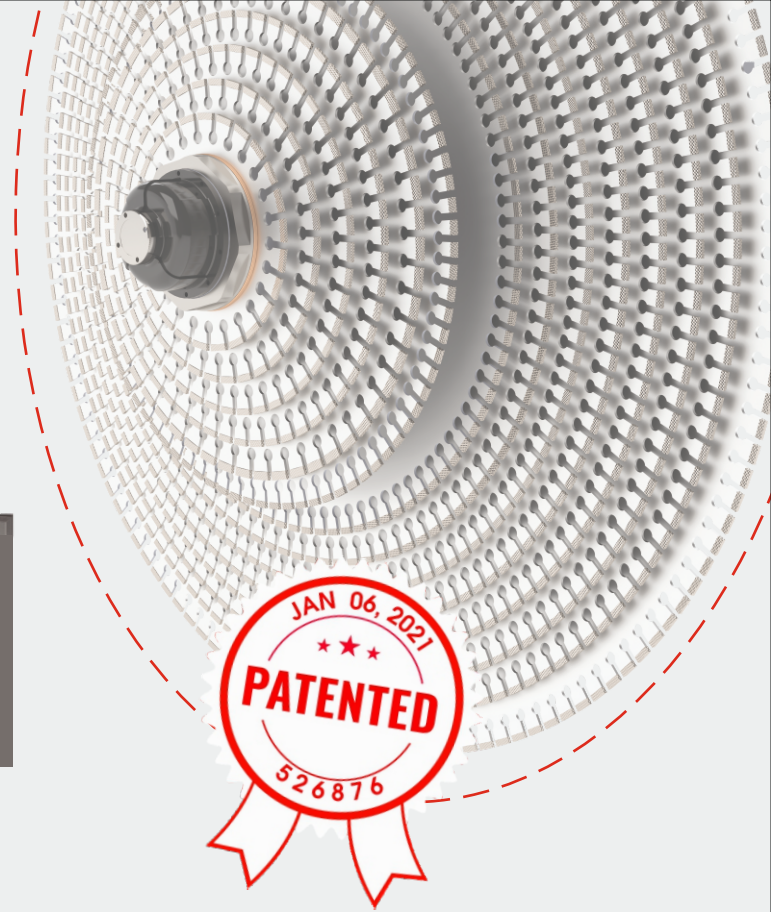
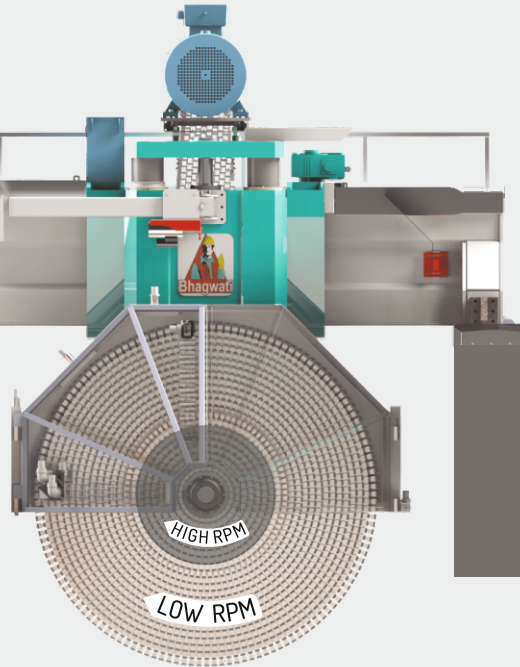
DUAL RPM

“PRECISION, QUALITY & EFFICIENCY WITH FLEXIBILITY”

METRO B-21

METRO B-21

POWERED BY PLC & SERVO SYSTEM



DUAL RPM SPECIAL FEATURES

- ▶ The world's First Successful **DUAL RPM SPINDLE** Designed for Twin Output Over Single Shaft to Delivery Maximum production.
- ▶ "X axis" is working on very Especially Designed "U Shape" Main Box made of thick Cast Iron Material provides high vibration damping capacity to machine.
- ▶ Machine Bridge Motion by virtue of **LINEAR MOTION BEARINGS & BALL SCREW SYSTEM** provides Smooth Motion & Maximum Positioning Accuracy to the Machine.
- ▶ Unique and fabricated beam, designed without any wheel-carriages to lower the friction.
- ▶ Machine bridge is equipped with servo motors for accurate movement and fast to & fro travelling.
- ▶ Equivalent water flow on each blade by unique water shower system.
- ▶ The machine is controlled by **PLC & SERVO MOTORS**.
- ▶ Stainless steel cutter guard with multiple water showers.
- ▶ Powerful cutting for hard density granite material.

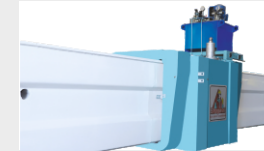
Model / Variants	Blade Set Sizes (Dia. Mtr.)	Total No. of Blades	Max. Useful Cutting Block Size (Mtr.)			M/C Beam Length (Mtr.)	Installed Motor Power				Electrical		
			Length	Width	Height		Blade Spindle	X Axis	Y Axis	Z Axis	Panel Type	Cables Make	Protection
Metro B-21 Pro (DUAL RPM 21 BLADES M/C)	2.4/2.5	up to 21/22 Blades	3.657	2.438	1.066	9.7	180 HP	10 HP	Siemens Servo Driven	3 HP	PLC	IGUS (German Make)	IP 54/55
Metro B-21 (DUAL RPM 21 BLADES M/C)	2.4/2.5		3.657	2.438	1.066	9.7	150 HP	10 HP		3 HP			



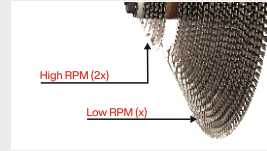
MAIN MOTOR



SS BELLOW (GERMAN MAKE)



U-SHAPE MAIN BOX



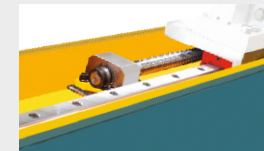
DUAL RPM SERIES



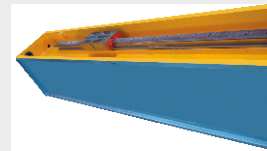
SERVO MOTOR



BALL SCREW



WHEEL LESS MOTION



END CARIGE



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