

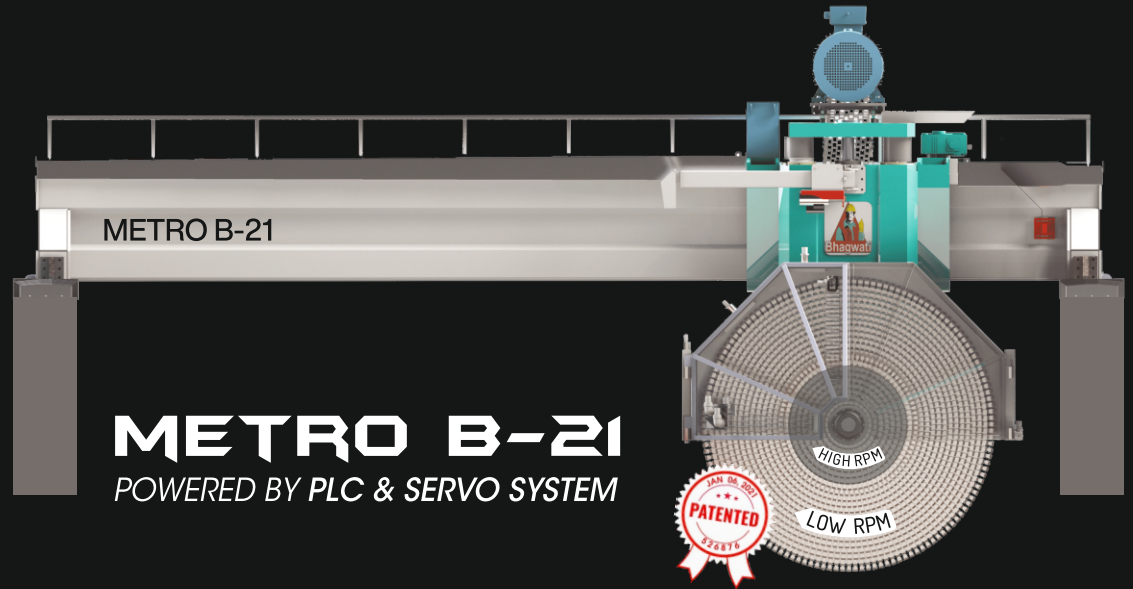


MULTI CUTTERS

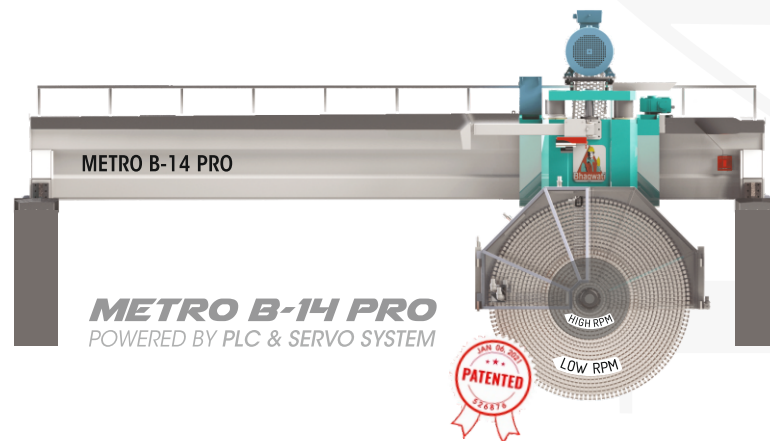
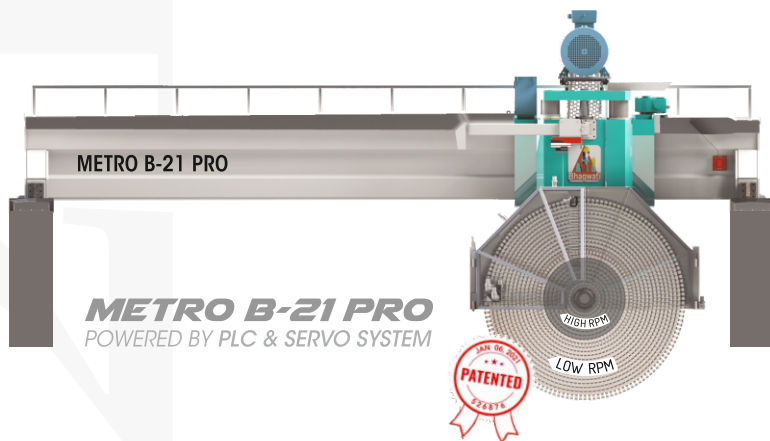
PATENTED TECHNOLOGY

SERIES OF MULTI BLADE CUTTERS

DUAL
RPM



METRO B-21
POWERED BY PLC & SERVO SYSTEM



FEATURES

Metro B-21 Pro

Metro B-14 Pro

Mud Protection Cover's		
X Axis	SS Telescopic (German Make)	Cloth Fabric
Y Axis	SS Telescopic (German Make)	Cloth Fabric
Z Axis	Parachute Fabric	Parachute Fabric
Cable's Drag Chain	IGUS (German Brand)	IGUS (German Brand)
Ball Screw	Available	NA
Block Feeding Trolley - 2 Nos.	9X8 Feet Manual	9X8 Feet Manual
Blade Handling System	Jib Hoist (500 kg)	NA
Slab Thickness Spacers	1 Set (For Slab 16 mm to 20 mm)	1 Set (For Slab 16 mm to 20 mm)
Elect. Panel	Automatic PLC Based Panel (Equipped with European Std. Electrical)	Automatic PLC Based Panel (Equipped with European Std. Electrical)



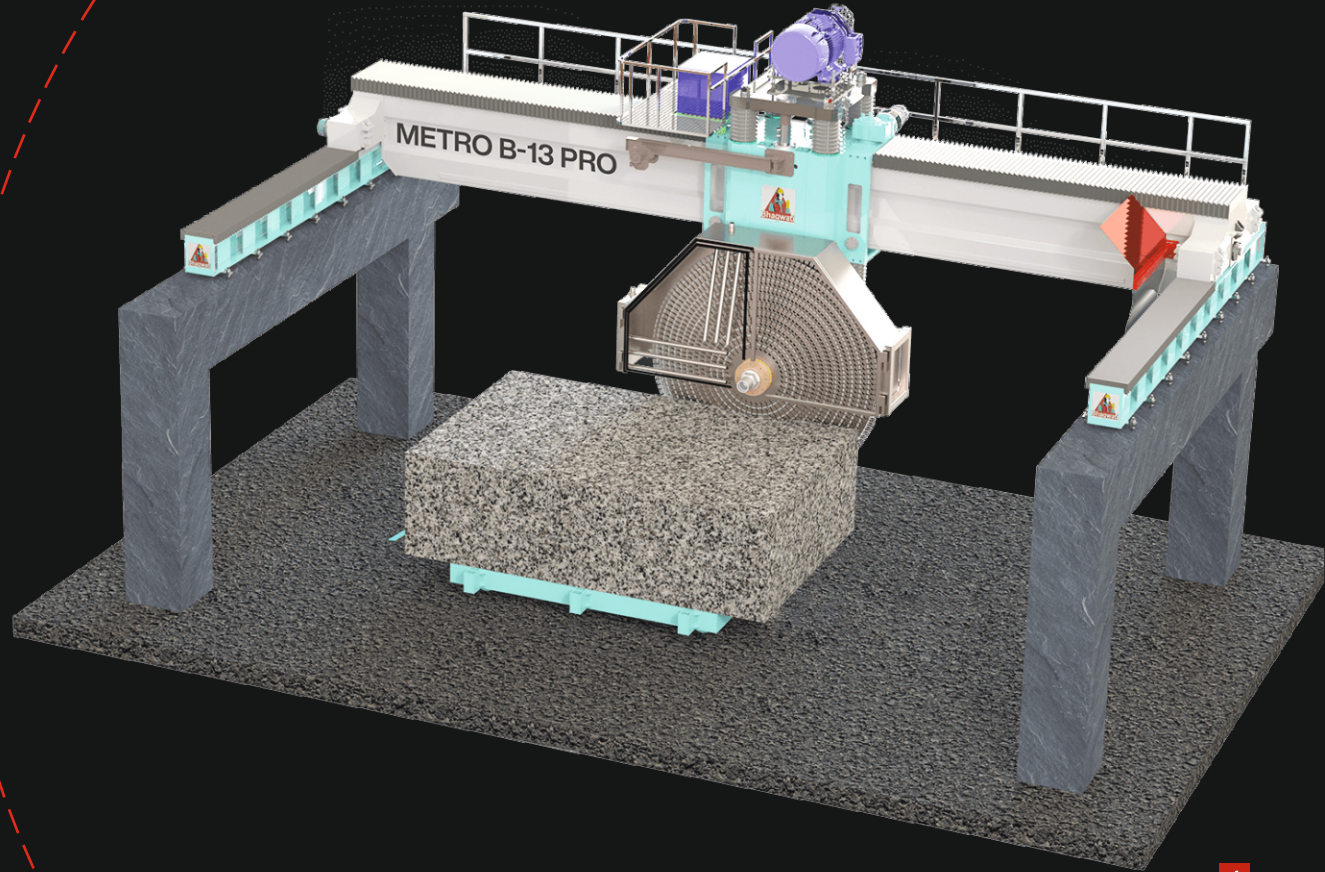
DUAL RPM SPECIAL FEATURES

- The world’s first successful **DUAL RPM SPINDLE**, designed for twin output over a single shaft, delivers maximum production efficiency.
- The X-axis operates on a specially designed U-shaped main box made of thick cast iron, providing high vibration damping capacity.
- The machine bridge motion, driven by **LINEAR MOTION BEARINGS AND A BALL SCREW SYSTEM**, ensures smooth operation and maximum positioning accuracy.
- A unique, fabricated beam, designed without wheel carriages, reduces friction.
- The machine bridge is equipped with servo motors for precise movement and fast back-and-forth travel.
- A unique water shower system ensures equal water flow to each blade.
- The machine is controlled by **PLC AND SERVO MOTORS** for optimal performance.
- A stainless steel cutter guard with multiple water showers enhances durability and cooling.
- Designed for powerful cutting, it efficiently processes hard-density granite materials.

TECHNICAL SPECIFICATIONS

	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				Panel Type	Electrical	
				Length	Width	Height		Blade Spindle	X Axis	Y Axis	Z Axis		Cables Make	Protection
(DUAL RPM)	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			
	Metro B-14 Pro (DUAL RPM 14 BLADES M/C)	2.4/2.5	up to 14 Blades	3.657	2.438	1.066	9.5	150 HP	5 HP	Siemens Servo Driven	3 HP			
	Metro B-14 (DUAL RPM 14 BLADES M/C)	2.4/2.5		3.657	2.438	1.066	9.5	120 HP	5 HP		3 HP			

SINGLE RPM



FEATURES

Metro B-13 Pro / Metro B-10 / Metro B-7

MUD PROTECTION COVER'S

X - Y

Cloth Fabric

Z - Axis

Parachute Fabric

CABLE'S

X - Y - Z Axis

IGUS Make (German Brand)

BEARING

S.K.F. German Brand

MOTION

X-Axis

Imp. Linear Motion Bearing & Guideways

Y- Axis

Rail Guide

Z- Axis

Chrome Pipe

BLOCK FEEDING TROLLEY - 2 NOS.

9X8 Feet Manual / 9X7 Feet Manual / 9X6 Feet Manual

SLAB THICKNESS SPACERS

1 Set (For Slab 16 mm to 20 mm)

ELECT. PANEL

Automatic PLC Based Panel (Equipped with European Std. Electrical)



MAIN MOTOR



BELLOW COVER (CLOTH FABRIC)



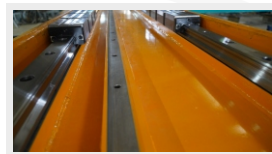
(SKF/FAG) GERMAN MAKE.



HOUSING



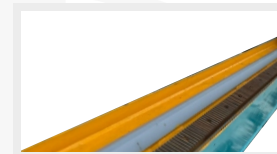
SINGLE RPM SERIES



LINEAR MOTION BEARING



MAIN BOX



END CARIGE

SINGLE RPM SPECIAL FEATURES

- Mild Steel Standard Fabricated Beam with Separate Wheel Carriages.
- Provides a good balance of strength and flexibility, ideal for structural applications.
- Heavy Duty Beam fitted with 7-meter Linear Bearing Slides for Bridge cutting by blade movement left/right (X Axis) having with Worm Reduction Gear Box.
- In Comparison to casting beam, mild steel fabricated beams are ductile and malleable, making them versatile for construction.
- Cast metals beam tend to be more brittle than fabricated metals because of the internal stresses and grain structures formed during solidification.

TECHNICAL SPECIFICATIONS

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				Panel Type	Electrical	
			Length	Width	Height		Blade Spindle	X Axis	Y Axis	Z Axis		Cables Make	Protection
Metro B-13 Pro (SINGLE RPM 14 BLADES M/C)	2.4/2.5	14	3.600	2.438	1.066	8.5	120 HP	5 HP	2 HP	3 HP	PLC	IGUS (German Make)	IP 54/55
Metro B-10 (SINGLE RPM 10 BLADES M/C)	2.4/2.5	10	3.600	2.134	1.066	8.5	75 HP	3 HP	2 HP	3 HP			
Metro B-12 (SINGLE RPM 10 BLADES M/C UP DOWN ENTRY)	2.4/2.5	10	3.600	2.134	1.066	8.0	75 HP	3 HP	2 HP	3 HP			
Metro B-7 (SINGLE RPM 7 BLADES M/C)	2.4/2.5	7	3.600	2.134	1.066	8.5	60 HP	3 HP	2 HP	3 HP			
Metro B-30 (SINGLE RPM 4" HEIGHT CUTTING M/C)	3.0	05	3.354	2.134	1.295	8.0	75 HP	3 HP	2 HP	3 HP			



ADDRESS

HEAD OFFICE (AJMER)

178, 179, 179-A, RIICO Industrial Area Extn,
Parbatpura-Makhupura, AJMER-305002 (Raj) INDIA

DELHI OFFICE

Yc Co-working Space 4th Floor, Plot No-94 Sec-13,
Near Radisson Blu New Delhi-110078

PUNE (MAHARASHTRA)

Shop No.- 104, Westwood Estates, 235/2A,
Chatrapati Chowk, Kaspate Vasti, Wakad, Pune-57

BENGALURU (KARNATAKA)

1F, Maa Tara Apartments, 4th Floor Srirampura,
Bommasandra, Jigani Road Bengaluru (Karnataka)

PALANPUR (GUJARAT)

District Banaskantha,
Palanpur (Gujarat)

KARIMNAGAR (TELANGANA)

Shree Niwasa Complex, Kazipur Road,
Bahupet, Karimnagar (Telangana)

SRIKAKULAM (ANDHRA PRADESH)

H. No 4-12, Sai Nagar, Narasannapeta,
Srikakulam (Andhra Pradesh)

KISHANGARH (RAJASTHAN)

Studio Flat No. C-1, 3rd Floor, Ganpati Square,
RIICO Industrial Area Madanganj-Kishangarh (Raj)