

Precision, Quality & Efficiency With Flexibility

BHAGWATI Machine is the best investment choice For companies seeking high production output And superior quality levels.



Founder's View

Mr. Yashwant Sharma



Shri Bhagwati Machines Pvt. Ltd (SBMPL) was founded by Mr. Yashwant Sharma in 1995 with a vision to provide the latest technology products for the engineering sector. He recognized the enormous potential in tapping the under-explored Stone Processing Machines market. By continuously developing new technologies and the best practices for manufacturing plants, SBMPL has become one of India's leading Manufacturers of Stone Processing Machinery.

For the past 28 years, SBMPL has been implementing innovative technologies to design and develop state-of-the-art stone processing machines. Our Founder's impeccable understanding of the market, technological know-how and hands-on approach strongly puts us ahead of our market competitors and also help us forge fruitful business partnerships with domestic and international business enterprises.

Since our inception, the market and technology have evolved tremendously. However, under our Founder's expert guidance, SBMPL has never failed to keep up and consistently achieved numerous milestones.

Today, SBMPL operates in over seven countries worldwide, and we ensure that we treat our clients with utmost dedication and consistency. This has earned us loyalty and helped us build strong relationships with our clients.

Our accomplishments result from the unrelenting hard work and dedication of more than 600 team members with proficiency across diverse areas.

Being a purpose-driven company it has helped us navigate tough market conditions. Equipped with this expertise, we aim to explore new markets worldwide and work towards our mission to become the leading stone processing manufacturer in the world.

ALWAYS TRY A STEP AHEAD THAN OTHERS, AND YOU WILL WIN...

Wishing you all success...!

Goodwant Sharma

PRODUCT HISTORY



2023

2024





• CNC GANTRY MILLING • MULTI WIRE-44

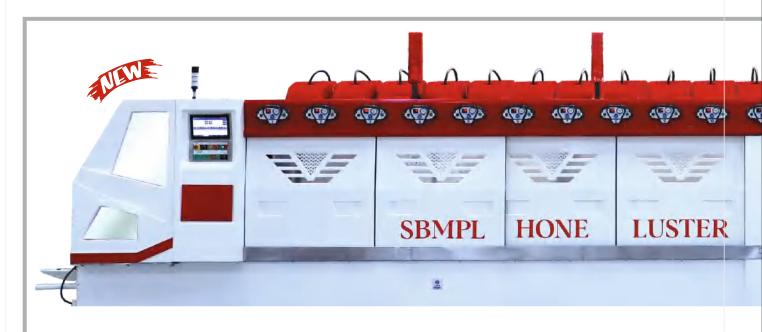
LAUNCHED..... • CNC ROUTER

LONG WAY TO GO ...

TRU CUT

ASIA'S BEST QUALITY MACHINE / FASTEST BRIDGE SPEED

UNIQUE & INNOVATIVE HEAD ASSEMBLY WITH IMPROVISED HEIGHT, SUITABLE UPTO MAX. 100MM WORKING THICKNESS



FEATURES MODEL

Controller
 Brick Consumption Alarm
 Servo Controller
 By Linear Scale Sensor

► Slab Scanner : Grid Type Profiling Sensor (German Make)

▶ Polishing Slab Thickness : 100mm Granite/60mm Marble

▶ Polishing Heads : 6 Brick Flicker Heads for Granites/ Frankfurt Plates For Marbles

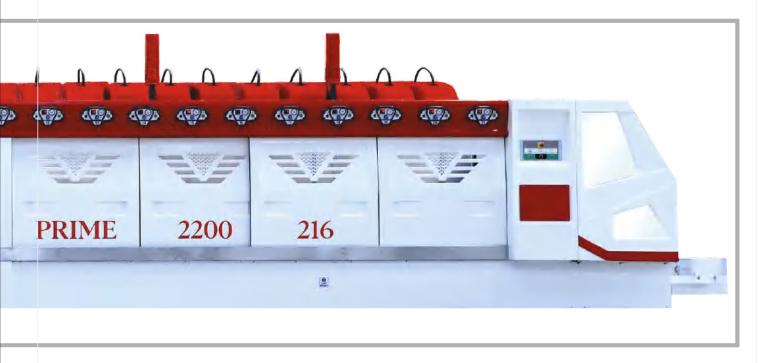
▶ Size : 2200mm

HIGHLIGHTS

- ► Short blasted parts for long life
- ► Heavy barrel & Spline system
- ► Best quality conveyer belt
- ► Low power consumption
- ► Low abrasive cost
- ► High quality paint
- ► High Productivity
- ► Heavy Structure

Model/Variants	No.	Max. Polishing	(mm)	Power (Hp/	/Nm)	
wiodel/varialits	of Heads	Thickness	Width	Bridge	Conveyor	Types of Heads
LPM 2200/216	21	60/100 (OPTIONAL)	2200	Servo Drive of 60 Nm X 2 Nos	Servo Drive of 10 Nm	CO. ME.S - Italy Flicker Type
LPM 2200/166	16	60/100 (OPTIONAL)	2200	20 HP	3	CO. ME.S - Italy Flicker Type
LPM 2200/126	12	60/100 (OPTIONAL)	2200	12.5 HP	2	CO. ME.S - Italy Flicker Type
LPM 1600/166	16	60	1600	20 HP	2	CO. ME.S - Italy Flicker Type
LPM 1600/126	12	60	1600	12.5 HP	2	CO. ME.S - Italy Flicker Type
LPM 1600/96	9	60	1600	12.5 HP	2	CO. ME.S - Italy Flicker Type
LPM 1300/206	20	60	1300	25 HP	3	CO. ME.S - Italy Flicker Type
LPM 1300/166	16	60	1300	20 HP	2	CO. ME.S - Italy Flicker Type
LPM 1300/126	12	60	1300	12.5 HP	2	CO. ME.S - Italy Flicker Type
LPM 1300/96	9	60	1300	12.5 HP	2	CO. ME.S - Italy Flicker Type

LINE POLISHING MACHINE



21HEAD LINE POLISHING MACHINE

	N	lotion		Electrical	
Conveyor	Bridge	Up/Down	Panel Type	Cables Make	Protection
Gear Motor Unit	Roller Cage Slides	Pneumatic Cylinders	PLC SCADA	IGUS (German Make)	IP 54/55
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- ► Feasibility of integrating slab production and block dressing within a single machine.
- ► Capability to cut larger blocks, with dimensions of up to 3.5 meters in width and 2.3 meters in height.

HIGHLIGHTS

- ► Operators can perform field replacement of all rubbers on the machine flywheels, as they are universally fitted for ease of maintenance.
- ► The seven-wire machine is equipped with strategically positioned inspection ports, facilitating efficient adjustment of slab thickness.

Model /	No.		eful Cuttin Size (Mtr.)		No. of Slabs for 2cm	No. of Slabs for 3cm	Reg. Segment	Wire Speed	Main Motor	Total Installed	Up-Down		Electrical	
Variants	of Wire	Length	Width	Height	Thickness	Thickness	Diameter (mm)	(Mtr./Min)	Power (Hp)	Power	Motion	Panel Type	Cable Make	Protection
7+1X	7+1	3500	2400	2300	7	5	6.3	0 - 35	30	45	Lead Screw	PLC	IGUS (German Make)	IP 54/55
15X	15	3500	2400	2300	15	11	6.3	0 - 35	75	90	Lead Screw	PLC	IGUS (German Make)	IP 54/55
46X	46	3500	2400	2300	46	35	6.3	0 - 35	180	200	Lead Screw	PLC	IGUS (German Make)	IP 54/55
76X	76	3500	2400	2300	76	57	6.3	0 - 35	340	360	Lead Screw	PLC	IGUS (German Make)	IP 54/55



- Rapid and Accurate Up/Down by Servo Motor.
 Motorized Revolving & Feeding Trolley.
- ► Hydraulic Pulley Tensioning System.
- ► Manual, Four Position Locking 90°.
- ► Big Four Aluminum Pulley.
- ► 360° Trolley Rotation.



REVOLVING TROLLEY

Madal	Power	Hp/ Nm	Max	c. Cutting (N	ltr.)	No. of	Motion	Machine	Structure	Pane	е Туре
Model	Main Motor	Up/Down	Height	Lenght	Width	Wire	Up-Down	Weight (Ton)	Siluciule	Туре	Protection
True Cut D-1	20 Hp	8 Nm	2.2	3.86	2.45	1	Screw	5.5	Fabricated	PLC	IP 54/55



► Controller : PLC

► Brick Consumption Alarm : By Read Switch

: 6 Brick Flicker Heads : 1300mm ► Slab Scanner : Throw beam angle Sensor non contact type

► Polishing Heads

► Size ► Head Motor : 12.5 HP

HIGHLIGHTS

- ► New type of braking system with low maintenance
- ► Poly v belt for motor to head power transmission
- ► New panel and wiring arrangement
- ► Centralised lubricating system
- ► Newly designed barrel system
- ► Light weight of machine
- ► New brush assembly

Madal / Varianta	No.	Max. Poli	ishing (mm)	Power (Hp/Nm)	
Model / Variants	of Heads	Thickness Width		Bridge	Conveyor	Types of Heads
LPM 1300/126	12	60 mm	1300 mm	12.5 HP	2 HP	CO. ME.S - Italy Flicker Type



- ► PLC Type Panel.
- Robust Design.
- ▶ Joint less Beam.

HIGHLIGHTS

- ► Benefit for Small Size Stone Blocks.
- ► High Vibration Damping Capacity.
- ► Accurate Cutting

OPTIONAL

► Customized Trolley Sizes.



TROLLEY SIZE 9'X8'

Model /	Blade Set	Total No. of		Useful C	•	M/C Beam		Installed	Motor Power	r		Electrical	
Variants	Sizes (Dia. Mtr.)	Blades	Length	Width	Height	Length (Mtr.)	Blade Spindle	X Axis	Y Axis	Z Axis	Panel Type	Cables Make	Protection
Metro B-7	2.4/2.5	7	3.657	2.438	1.066	9	60 HP	3 HP	2 HP	3 HP	PLC	IGUS GERMAN MAKE	IP 54/55



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.

Technical information

Model /	Blade Set	Total No. of		Useful C	-	M/C Beam		Install	ed Motor Po	ower		Electrical	
Variants	Sizes (Dia. Mtr.)	Blades	Length	Width	Height	Length (Mtr.)	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	3.657	2.438	1.066	9.7	180 HP	10 HP	Siemens Servo	3 HP			
Metro B-21 (DUAL RPM 21 BLADES M/C)	2.4/2.5	Blades	3.657	2.438	1.066	9.7	150 HP	10 HP	Driven	3 HP			
Metro B-14 Pro (DUAL RPM 14 BLADES M/C)	2.4/2.5	up to	3.657	2.438	1.066	9.5	150 HP	5 HP	Siemens	3 HP	PLC	IGUS (German	IP 54/55
Metro B-14 (DUAL RPM 14 BLADES M/C)	2.4/2.5	14 Blades	3.657	2.438	1.066	9.5	120 HP	5 HP	Servo Driven	3 HP	PLC	Make)	IF 54/55
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		,	
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 (UP/DOWN 10 BLADE M/C)	2.4/2.5	10	3.600	2.134	1.066	8.0	75 HP	3 HP	2 HP	3 HP	, no	IGUS	ID E4/E5
Metro B-30 (4-FEET HEIGHT CUTTING M/C)	3.0	05	3.354	2.134	1.295	8.0	75 HP	3 HP	2 HP	3 HP	PLC	(German Make)	IP 54/55

NEW SIDE ENTRY

A DITTONAL

Metro B-14

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



Cloth Fabric / Cloth Fabric Mud Protection Cover's SS Telescopic Bellow (German Make) / Cloth Fabric X Axis SS Telescopic Bellow (German Make) / Cloth Fabric Y Axis Z Axis Parachute Fabric Bellow / Parachute Fabric Bellow IGUS (German Make) / IGUS (German Make) Cable's Drag Chain (German Make) / Drag Chain (German Make) X-Y-ZAxis **Bearing** German Make Available / NA **Ball Screw** Block Feeding Trolley - 2 Nos. 9X8 Feet Manual / 9X8 Feet Manual Electric Jib Hoist (500 kg) New Feature / NA **Blade Handling System** Slab Thickness Spacers 1 Set (For Slab 16 mm to 20 mm) / 1 Set (For Slab 16 mm to 20 mm)

Metro B-21

FEATURES

Panel Cabinet





MORE THAN

5000+
INSTALLATIONS

FEATURES

- ► Robust.
- ► Maintenance Free.
- ► Record Production Capacity.

OPTIONAL

- ► 360° Rotating Trolley.
- ► Customized Trolley Sizes.

INDIA'S MOST **DEMANDED**

SINGLE BLADE CUTTERS

Technical information

Model/Model	P		N	MAX CUTTING	G	MOTION						
AVBC	BA : BA : Un / Daven		Left / Right	Height (inch)	Length (inch)	Controlled Axis	Beam Length	Up / Down	СТ	LT	Mechanical Weight (Ton) Approx	Structure
2.5 Mtr. (Regular)	30/960	3/960	3/1440	39	144	2	18 ft	Screw	V Slide	Trolley	11.5	Cast Iron
2.5 Mtr. (Fully Loaded)	40/960	3/960	3/1440	39	144	2	20 ft	Screw	V Slide	Trolley	12	Cast Iron
3 Mtr. (Regular)	50/960	5/960	5/1440	49	144	2	21 ft	Screw	V Slide	Trolley	15	Cast Iron

PANEL TYPE - COUNTER TIME

EPOXY RESIN LINE











FEATURES

- ► For Gangsaw size slab.
- ► Hydraulic Tilting Trolley.
- ► High Speed Elevator for Better Production
- ► Efficient Oven design for Quick Drying.
- use for 3ft slab (2 slab at a time).

OPTIONAL

- ► Vacuum chamber.
- ► Motorized palette loading trolley.
- ► Vacuum Robot (loading / unloading).

Model / Variants	Total Power Install		Max. Slab ension (r		Total Storage	Pre Heating	Post Heating	Maximum Slab Weight(Kg.)	Structure	Pane	I Type
	(HP)	Length	Width	Height	Capacity	neumg	neulling	weigiii(kg.)			
Baby Line	87	3500	1300	30	30 Tray	10 Tray	20 Tray	400 Tray	M.S	PLC	IP54/55
Super Line (Gleam 10/30)	144	3500	2100	30	40 Tray	10 Tray	30 Tray	700 Tray	M.S	PLC	IP54/55



"BHAGWATI'S BRIDGE CUTTER" is an automatic CNC controlled 5/6 axis granite & marble stone slab bridge cutting machine is used to cut granite slabs in various shapes and sizes. The machine is equipped with 5/6 axis allowing the machine to produce counter tops and many other surface designs.

FEATURES

- ▶ 360 degree head swivel rotation (C axis motorized).
- ► Maximum blade Ø 400 mm to Ø 1200 mm.
- ► 90 degree Head tilting (A axis motorized).
- ► Rapid travers (output production).
- ► Hydraulic tilting trolley 0-85°.
- ► Cad Cam drawing Software.
- ► Milling Tool accessible.
- ► Mono Block structure.

OPTIONAL

- ▶ Blade & Slab Thickness Sensor.
- ► Automatic Tool Changer (ATC).
- Front & Back Enclosures.
- ► Vacuum Suction Cup.
- ► Photo Camera.
- ► Rotatory Axis.
- ► Router.

Particulars	Unit	Lx 600	Lx 800	Lx 1000	Lx 1200
Minimum disc diameter	mm	350	350	450	450
Maximum disc diameter	mm	600	800	1000	1200
Maximum cutting depth	mm	200	280	365	450
Spindle motor power	Kw/Hp	18/24	18/24	23.5/31.5	28/37.5
Number of interpolated axes	N°	5	5	5	5
Disc head tilting movement (axis A)	Deg.	0/90°	0/90°	0/90°	0/90°
Maximum carriage speed (X axis)	m / min	0-40	0-40	0-40	0-40
Maximum bridge speed (Y axis)	m/min	0-40	0-40	0-40	0-40
Maximum head speed (Z axis)	m/min	0-10	0-10	0-10	0-10



- ► Spindle comfortable with both tool holder collets.
- ► Precision linear guide for position accuracy.
- ► Working table with durable PVC Sheet.
- ► Heavy duty frame structure.
- ► CNC DSP controller.

OPTIONAL

- ► Multi Spindle.
- ► Rotatory Axis.
- ► Water Blast.
- ► Water Jet.

CNC ROUTER

Model	Main Motor Power	Mo	otor Power A	xis	Table	e Size	М	ax.Travel Ax	is	Operating System
	(HP)	X Axis	Y Axis	Z Axis	Length	Width	X Axis	Y Axis	Z Axis	
Rs2 3520	7.5Kw + 7.5Kw Optional 9Kw / 11Kw	1.5Kw	1.5Kw	1.5Kw	3650	2150	2200	3700	500	CNC DSP Controller



- ► Safe flange beam joint, suitable to normal size container / shipment.
- ► Higher service/safety factor crane duty components.
- ► DIN & ISO international standard cranes.
- ▶ 8 wheel Bogie Type L.T. Arrangement.
- ► IP 54/IP 55 Panel Enclosure.
- FEM rested Robust design.

Weight	Tuno	ОН		Standard		Main Hoist	(Mtr./Min)	LT (M	tr. / Min)	CT (Mt	r. / Min)		Pane	I Туре
Capacity (Tons)	Type Size	Size (Mtr.)	Span Size Mtr.	Height of Left Mtr.	Duty Class	<u> </u>		Single Speed	Double Speed	Single Speed	Double Speed	Mechanical Weight (T)	Туре	Protection
30	WOH	-	9	6	M 4	1.2		8	Optional	10	Optional	11	Standard	IP 54 / 55
40	WOH	-	12	6	M 4	1.2	7	8	Optional	10	Optional	12.5	Standard	IP 54 / 55
40	ОН	3.8	12	6	M 5	1.2	Z Z	8	Optional	10	Optional	24	Standard	IP 54 / 55
50	WOH	-	12	6	M 5	1.2	0	8	Optional	10	Optional	17	Standard	IP 54 / 55
50	ОН	4	15	6.5	M 5	1.2	=	8	Optional	10	Optional	30	Standard	IP 54 / 55
50	ОН	6	20	7	M 5	1.2	0 P	8	Optional	10	Optional	37	Standard	IP 54 / 55
60	ОН	7	25	7	M 5	1.2		8	Optional	10	Optional	55	Standard	IP 54 / 55



- ► Safe flange beam joint, suitable to normal size container / shipment.
- ► Higher service/safety factor crane duty components.
- ► ISO standard designs with German hoisting drives.
- ► DIN & ISO international standard cranes.
- ▶ IP 54/IP 55 Panel Enclosure.
- ► FEM rested Robust design.

Weight Capacity (Tons)	Standard			Main Hoist (Mtr./Min)		LT (Mtr./Min)		CT (Mtr. / Min)		Mechanical	Panel Type	
	Span Size Mtr.	Height of Left Mtr.	Duty Class	Slow Speed	Fast Speed	Slow Speed	Fast Speed	Slow Speed	Fast Speed	Weight (T)	Туре	Protection
5	20	6.5	M 5	0.66	4	5	20	5	20	10.5	Standard	IP 54 / 55
10	20	6.5	M 5	0.66	4	5	20	5	20	12	Standard	IP 54 / 55
16	20	6.5	M 5	0.66	4	5	20	5	20	15	Standard	IP 54 / 55

COMPANY INFRASTRUCTURE

COVERED SHED AREA

4,00,000+ sq. ft. Area Equipped
With more than 38 EOT cranes of 25 MT.



FABRICATION CAPACITY

Current Capacity is up to 3000 MT Per month of fabricated finished goods.



FOUNDRY CAPACITY

With Cupola Furnace up to 1000 MT Per month.



MACHINING CAPACITY

More than 75 CNC machines with Capability to cater 3 Mt wide jobs And 14 Mt long jobs.







Varied products are functional.

ASSEMBLY LINES More than 12 assembly lines for



ELECTRICAL

With a completely equipped facility for building panels and carrying out all kinds of electrical works in-house





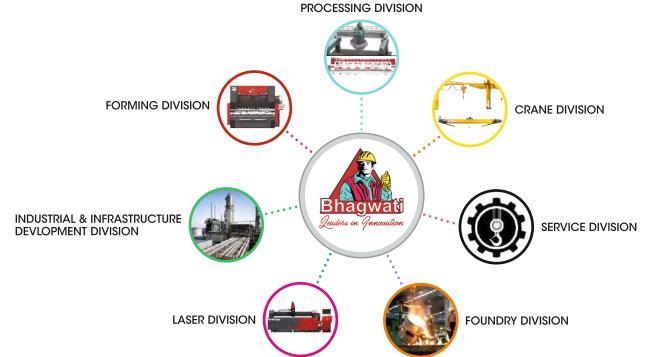
LAND BANKS FOR EXPANSIONS More than 20 acres of land bank are Available to develop new facilities for Upcoming projects.











YOUR PASSION IS

OUR SATISFACTION



8+ BACKEND TEAM FOR **CUSTOMER SUPPORT AND ONLINE SOLUTION**



SERVICE SUPPORT



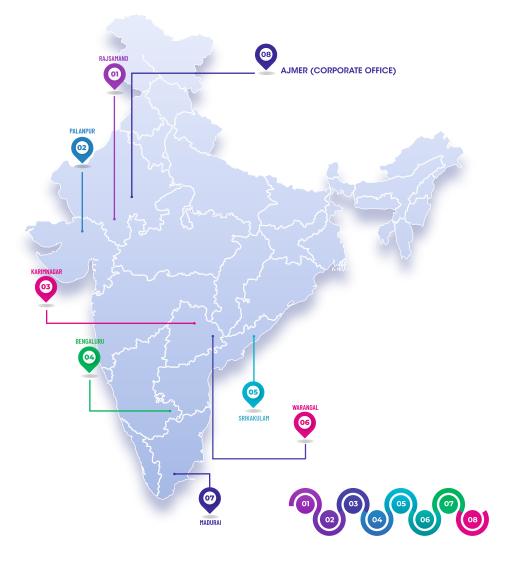
EXTERNAL FACULTY FOR ALL INDIA ERECTION AND COMMISSIONING





8 TOUCH POINT TO HANDLE

12000+PRODUCT **POPULATION**





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