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Bhajjanka Ispat Pvt Ltd
Crushing • Screening • Washing

(An ISO 9001 : 2015 Certified Company)

Corporate Office : 135/2, Girish Ghosh Road, Belurmath
Howrah - 711 202, West Bengal (India)

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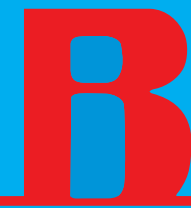
Factory (Unit - 1) : 15/7, 'F' Road, Belgachia, Howrah - 711 202, West Bengal (India)

Factory (Unit - 2) : 8/2/A, Foundry Park, Ranihat-Amta Road, Howrah, West Bengal (India)

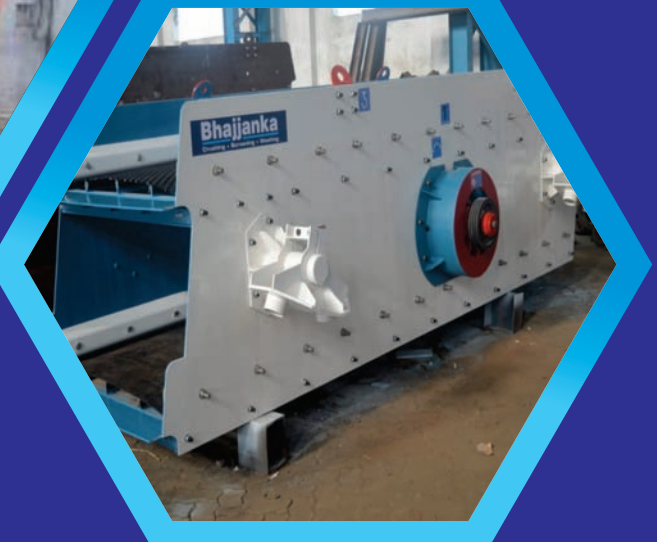
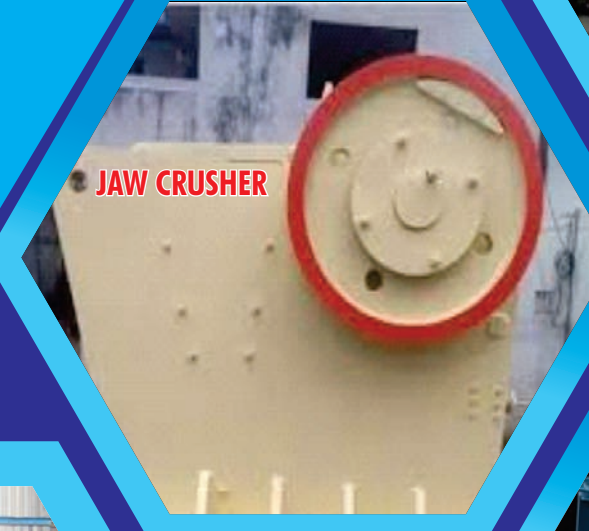
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CIN No. : U27100WB2008PTC121872



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ABOUT US

BHAJJANKA ISPAT PRIVATE LIMITED [BIPL] is a Diversified Engineering Product Company and has been serving to the Mineral & Mines Processing Industry since more than a decade.

We at BIPL glad to announce that our products are recognized as high standard of qualities in terms of Manufactured Sand aggregates with high accuracies of its gradation.

Since we at BIPL have accumulated and backed with well-versed team of engineers and expert technocrats of Design, Engineering & Manufacturing, we have added few more products now which are added as **SSRD SERIES EQUIPMENTS**.

OUR VISION

At BIPL, our Vision is to be emerged as the industry benchmark, and at the same time our goal is continuous improvement for our customers' satisfaction. BIPL proposes to update & include value added product for Crushing, Screening & Sand Washing Process under the Guideline of experienced Technocrat Professional of more than two decades.

We are striving to bring best products and processes as well as most techno-commercial profitable product for our customer.

The knowledge base in the country is still in its infancy, and it calls for lot of support from the product and service supplier to the customer at every stage. A service contract from BIPL enables customers to eliminate the concerns of availability and they can focus on the operations. The contract also enables users to get prompt attention, spare and wear parts stocking at site, process knowledge and availability of the plant with lower Operation & Maintenance cost.

OUR MANUFACTURING FACILITIES

Our manufacturing units equipped with state of arts processing machineries, fully automatic CNC & Plasma Cutting & Bending machines to meet high standard of Quality Product. Our Workshop is situated at FOUNDRY PARK [Ranihati – Amta Road] & Belgachia in Howrah District of West Bengal, Which is spread over 100000 M² area. The units are 100% owned manufacturing facility of BIPL has set up to cater the needs of aggregate, mineral processing beneficiation equipment required in the global market. Our operations in the factory are ISO 9001:2008 certified. With a highly skilled manpower for various applications our factory manufactures a vast range of our products from mobile crushing & screening plants, mineral processing equipment to slurry pumps and hydrocyclone.

QUALITY POLICY

As an organization Quality Policies [QP] are held in high esteem even by our competitors, a great deal of relevance is attached to living up to our image as a value based service provider. We are ethically a responsible Organization, operating with transparency, validating commitment and sincerity, both vertically and horizontally across the organization inculcating a spirit of integrity. We extend these values to our business associates; be it vendors or our contractors or our valued customers.

INCLINED VIBRATING SCREEN

INCLINED VIBRATORY SCREEN				
Model	Dimension	Inclination Angle	Capacity [Tph]	Power (kW)
SSRD-132	1311 X 3280	16-18°	50-75	10.00
SSRD-133	1311 X 3692	16-18°	100-150	15.00
SSRD-164	1600 X 4852	16-18°	150-200	15.00
SSRD-186	1800 X 6000	16-18°	250-350	22.00
SSRD-196	1900 X 6557	16-18°	350-450	37.00



SIGNIFICANT FEATURES

- * Main Body is FEA Tested
- * High Tensile Body Frame H-250
- * Robust Construction Withstands Higher Dynamic Load
- * EN-19 Grade Shaft
- * Modular Design & Banana Type
- * For better performance of the screen, do contact our Application Engineer

NOTE : The figures are shown in this chart is indicative, exact figure can be ascertained after analysing site condition, rock nature & feeding process

VERTICAL SHAFT IMPACTOR CAPACITY CHART

Model	Type	Motor		Nominal Feed Size (mm)	Throuput Capacity [Tph] based on Material Bulk Density of Dry Crushed Stone @ 1.6 Ton/M ³							
		Power (kW)	Type		Rotor Size →							
					685.00	760.00	850.00	990.00				
					Tips Speed → Mps		45.00	50.00	55.00	60.00		
SSRD-685	ROR/ROA	45-75	TEFC	20-40	Capacity	30-50	50-100	100-150	200-400			
SSRD-760	ROR/ROA	90-160	TEFC	25-50	Rotor Port	3	3 or 4	4	4			
SSRD-840	ROR/ROA	160-255	TEFC	30-62	Rotor Port	4	4	4 or 5	4 or 5			
SSRD-990	ROR/ROA	220-360	TEFC	40-65	Rotor Port	5	5	5	5 or 6			



SIGNIFICANT FEATURES

- * Main Body is FEA Tested
- * Built-in Hydraulic Door for Easy Maintenance
- * Robust Construction Withstands Higher Dynamic Load
- * EN-19 Shaft
- * Large Cavity for Higher Capacity
- * Variable Rotor & Motor Speed as per input size & connected Power Easy to Operate
- * Produce Cubical Shape Aggregate as per MORTH / MOST Specification
- * Design Basis is Rock-On Rock & Rock On Anvil
- * For better performance of the crusher, do contact our Application Engineer

NOTE : The figures are shown in this chart is indicative, exact figure can be ascertained after analysing site condition, rock nature & feeding process.

OUR PRODUCT PORTFOLIO AT A GLANCE

- ❖ Sand Washing Plant : Up to 250Tph Capacity
- ❖ Primary Jaw Crusher : Up to 400Tph Capacity
- ❖ Vertical Shaft Impactor : Up to 350Tph Capacity
- ❖ Vibratory Screen : Up to 400Tph Capacity
- ❖ Vibratory Feeder : Up to 400Tph Capacity
- ❖ Static Crushing & Screening Plant : Up to 500Tph Capacity
- ❖ Skid Mounted Crushing & Screening Plant : Up to 400Tph Capacity
- ❖ Wheel & Track Mounted Crushing & Screening : Up to 300Tph Capacity



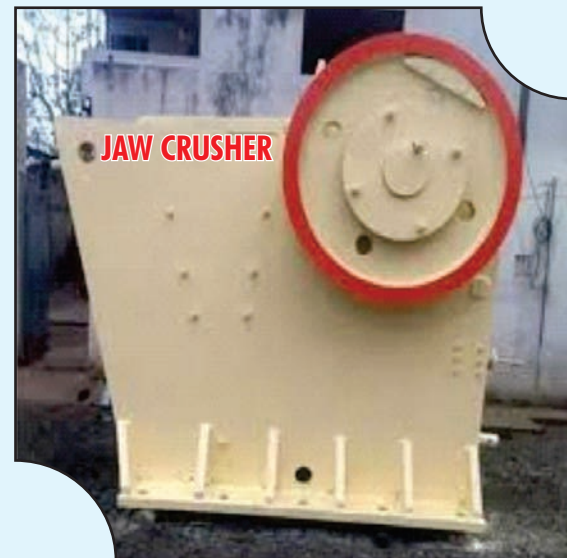
Vibratory Grizzly Feeder

Model	Dimension in mm	Power (kW)	Capacity [Tph]
SSRD-361	3600 X 1200	5.00 X 2	150-250
SSRD-401	4000 X 1500	7.50 X 2	250-350

Replaceable Grizzly Bar	Made out of Manganese Steel (IS - 276)
Material of Construction	Heavy Duty Steel fabricated from high tensile steel
Load Absorb	Heavy Duty Rubber / Coil Springs
Vibrating Unit	Unbalanced Motor
Drive	Electro-Mechanical

JAW CRUSHER CAPACITY CHART

Model	Type	Motor		Feed Opening in mm Height x Width		Thruput Capacity [Tph] based on Material Bulk Density of Rock @ 1.6 Ton/M ³ at Closed Side Setting [CSS in mm] of Crusher									
		Power (kW)	Type			CSS→	60.00	70.00	80.00	90.00	102.00	125.00	150.00	175.00	200.00
SSRD-609	Single Toggle	75-90	TEFC	601.00	913.00	Capacity	80-120	100-150	150-175	175-200	200-250	250-295	150.00	175.00	200.00
SSRD-811	Single Toggle	112-125	TEFC	812.00	1066.00			160-205	185-240	205-260	230-295	280-360	330-425	390-495	395-500
SSRD-912	Single Toggle	125-132	TEFC	913.00	1218.00			180-225	200-260	225-280	245-315	295-380	350-450	405-515	460-580



SIGNIFICANT FEATURES

- * Main Body Plate is FEA Tested
- * Main Frame is HI-350 grade steel
- * Robust Construction Withstands Higher Dynamic Load
- * Modular Design
- * Large Cavity for Higher Capacity
- * Speed Range 250-350 Rpm
- * Deep Nip Angle
- * For better performance of the crusher, do contact our Application Engineer

NOTE : The figures are shown in this chart is indicative, exact figure can be ascertained after analysing site condition, rock nature & feeding process.

