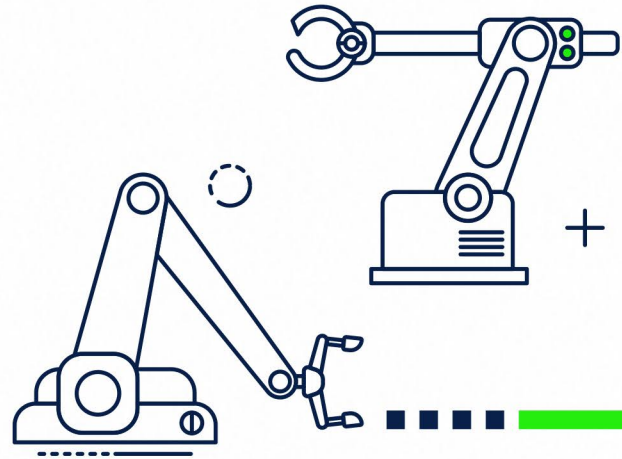
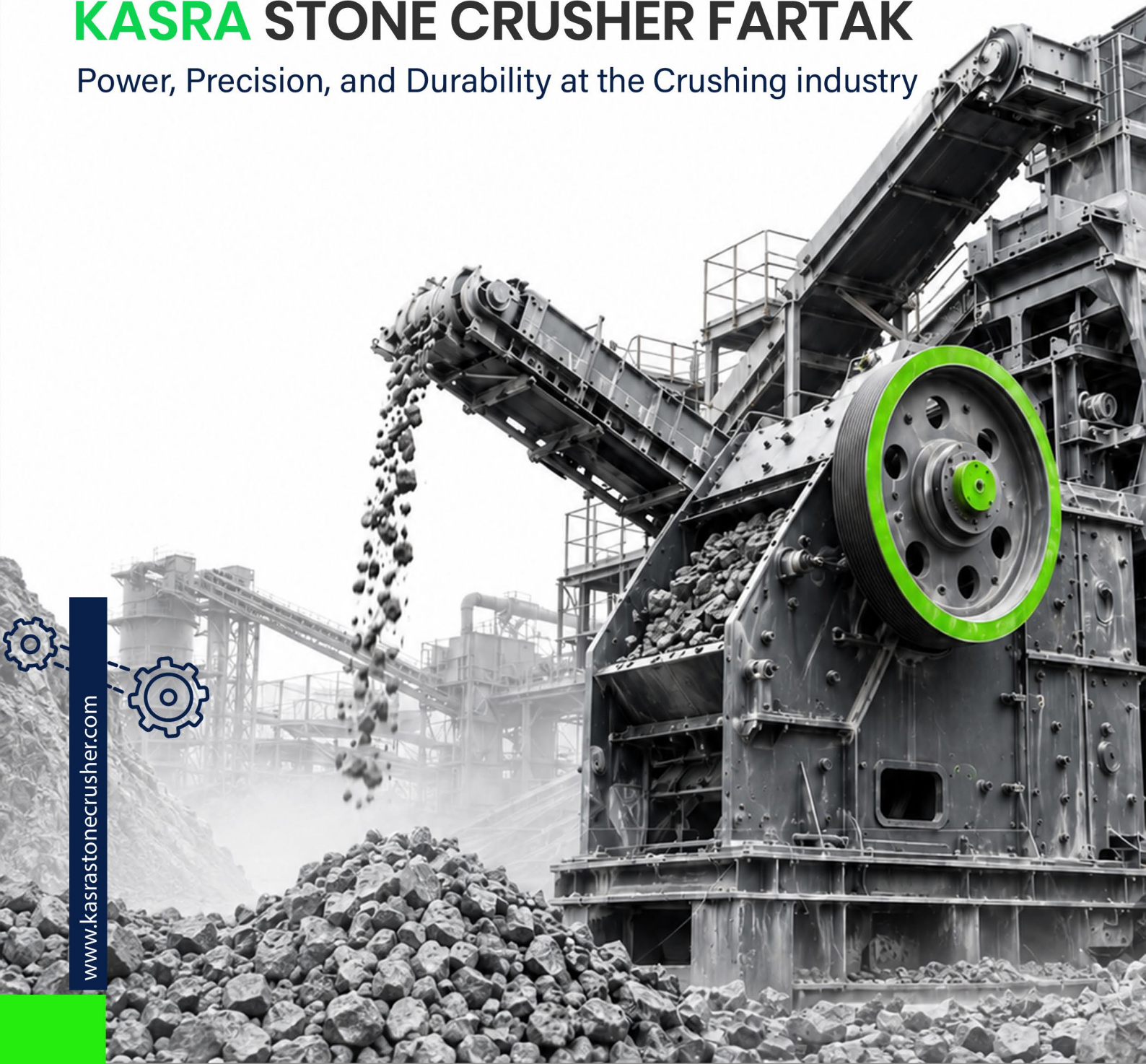




KASRA STONE CRUSHER FARTAK

Power, Precision, and Durability at the Crushing industry



www.kasrastonecrusher.com



About US

kasra stone crusher fartak Company operates in the design, manufacture, and supply of a wide range of crushing equipment and spare parts, drawing on up-to-date technical knowledge, skilled professionals, and practical experience in the mining and crushing industries. With a strong focus on product quality, durability, and reliable performance, the company continually strives to meet the specific needs of the mining, sand and gravel, road construction, and cement industries.



The company's products and services include a wide range of jaw, impact, cone, and rotor crushers, as well as related spare parts such as mantles, concaves, hammers, rotors, bushings, conveyor rollers, screen meshes, gearboxes, conveyor belts, and other wear and consumable components. All products are supplied using high-quality raw materials and in accordance with established technical standards.

The objective of kasra stone crusher fartak is to build long-term partnerships with its customers by providing precise technical solutions, guaranteed quality, competitive pricing, and on-time delivery. We believe that customer satisfaction and continuous support are the fundamental pillars of the company's long-term success and development.



Hydrocone Crusher



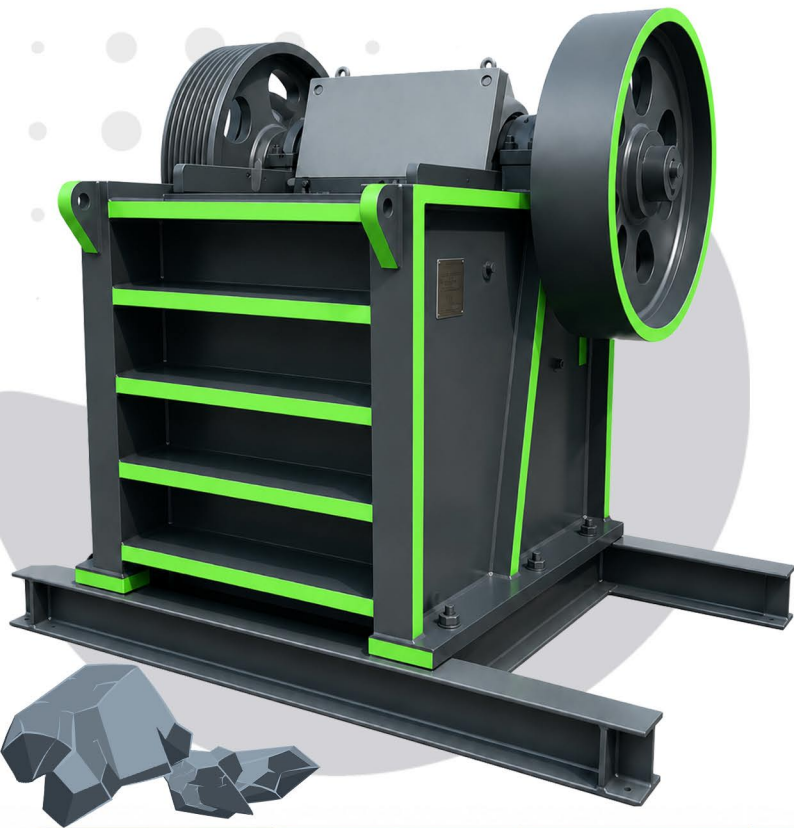
The Hydrocone Crusher is a powerful machine designed for crushing hard and semi-hard rocks during the secondary and tertiary stages of mineral processing. Its hydraulic system ensures stable, safe, and adjustable operation.

The Hydrocone's engineered design enables the production of uniform, high-quality aggregates while reducing wear and maintenance costs. Adjustable discharge settings, high efficiency, and optimized energy consumption are among its key advantages.



Model	Electromotor Power (kW)	Production Rate (Sand) (TPH)	Production Rate (Gravel) (TPH)	Maximum Entrance Feed Size (mm)	Minimum Output Size (mm)	Total Production Rate (TPH)
SC-2×36	90	15	55	25–40	- Gravel: 0–6 - Sand: 6–20	0–6: 90% 6–20: 10% <70 TPH
SC-3×36	90	15	75	40–50	- Gravel: 0–6 - Sand: 6–30	0–6: 50% 6–30: 50% <90 TPH
SC-4×36	90	15	80	40–50	- Gravel: 0–6 - Sand: 6–30	0–6: 30% 6–30: 55% >30: 15% <90 TPH
SC-5.5×36	90	15	80	50–110	- Gravel: 0–6 - Sand: 6–27	0–6: 5% 6–27: 5% >27: 90% <95 TPH
SC-7×36	90	15	135	100–200	- Gravel: 0–6 - Sand: 6–30	0–6: 5% 6–30: 95% <150 TPH

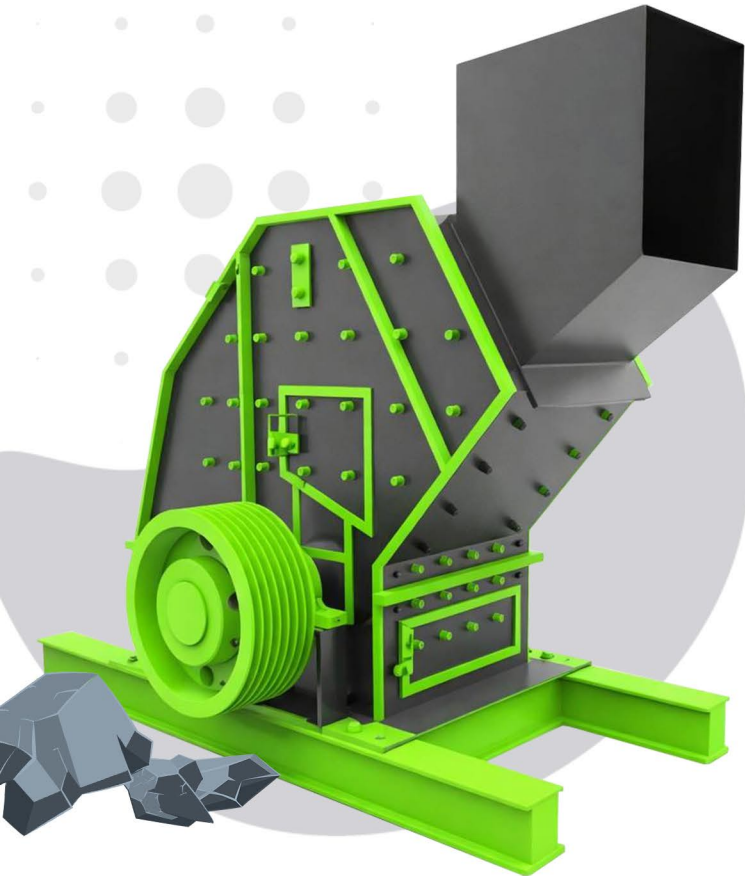
Jaw Crusher



The Jaw Crusher is one of the main pieces of equipment used in crushing lines for breaking large rocks and mineral materials. In this machine, the material is crushed between a fixed jaw and a moving jaw, then discharged through the outlet once it reaches the required size. The final product size can also be controlled by adjusting the discharge opening.

 Model	 Electromotor Power (kW)	 Total Weight (t)	 Capacity (t/h)	 Maximum Entrance Size (mm)	 Exit Size (mm)
SJ-45×65	45	12	50–80	450	40
SJ-55×80	55	13	50–80	550	50
SJ-40×90	55	12	50–80	400	40
SJ-60×90	75	17	110–130	600	100
SJ-80×100	90	24	140–190	800	120
SJ-90×110	90	32	180–250	900	150
SJ-100×120	132	48	150–350	1000	150

Kubit Impact Crusher



These crushers are designed for crushing low-hardness, silica-free mountain, mineral, and river stones. Their internal components, hammers, and impact anvils offer high wear resistance and can be easily replaced. The three-section body design and hydraulically operated opening mechanism also provide quick access to the rotor and internal components for inspection, maintenance, and repairs.

 Model	 Electromotor Power (kw)	 Total weight (t)	 Production Rate (t/h)	 Maximum Input Feed (mm)	 Output Feed (mm)
SI NS 80	50	6	60-80	50-80	0-20
SI NS 100	50	7.5	80-100	50-100	0-25
SI-BNS-120	70	11.5	100-120	50-150	0-30
SI-BNS-120	75	12	100-120	50-150	0-30
SI-BNS-180	90	14.5	150-180	50-200	0-35
SI-BNS-240	110	22.5	220-250	50-250	0-35, 0-40

Kubit Impact Crusher (HS Series)



The HS Series Impact Crusher is equipped with three rows of impact anvils, each of which can be adjusted independently for greater control over the crushing process. The upper anvil is made entirely of manganese steel, while the middle and lower anvils feature iron bodies fitted with manganese steel liners.

The crusher's heavy-duty disc rotor generates high torque, ensuring smooth rotation under full load while reducing energy consumption. The use of manganese steel in the hammers, anvils, and protective components also provides excellent wear resistance and extends their service life.

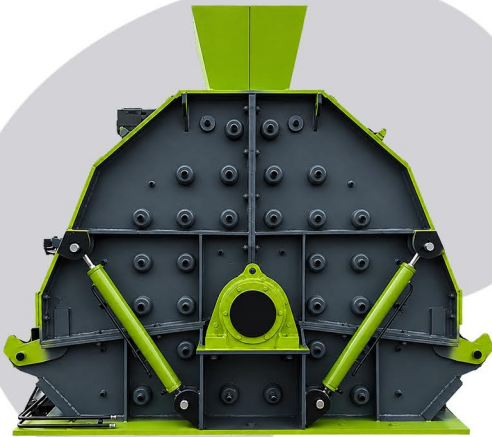


 Model	 Electromotor Power (kW)	 Total Weight (t)	 Production Rate (t)	 Entrance Feed (mm)
SI-HS 7	55	8	80-100	150
SI-HS 10	90-110	14.5	150-180	200
SI-HS 14	155	18.5	250-300	250

Impact Sand Maker

Sand-making machines are used in mining operations where the primary objective is to produce a higher proportion of crushed sand. The sand-making machines manufactured by Kasra Stone Crusher Industrial Group are available in three types: Bucket-Type, Rabbit-Type, and Rock-on-Rock, with various capacities and operating capabilities.

These machines are capable of crushing dry, non-sticky materials with compressive strengths of up to 450 MPa, including quartz, basalt, limestone, granite, and other mineral rocks.



Bucket Sand Maker

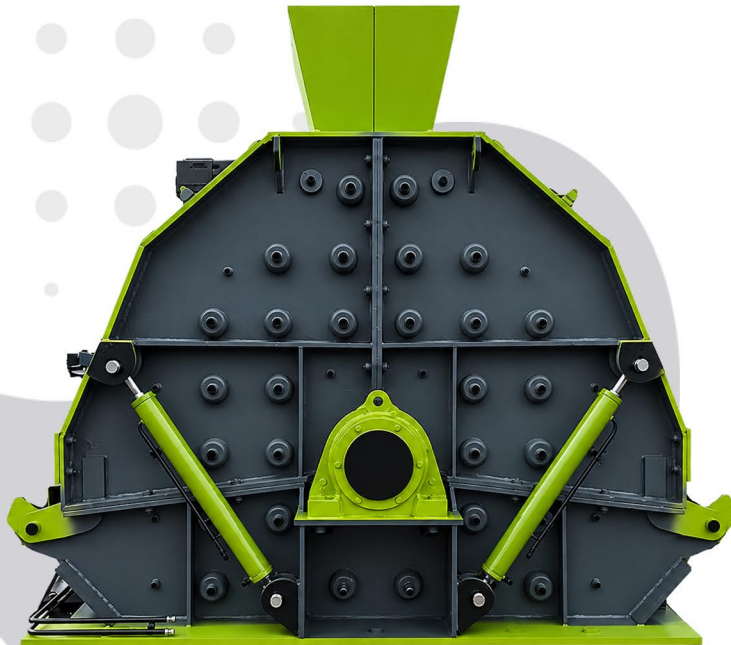


Rabbit-Type Sand Maker



Rock & Rock Sand Maker

Bucket Sand Maker



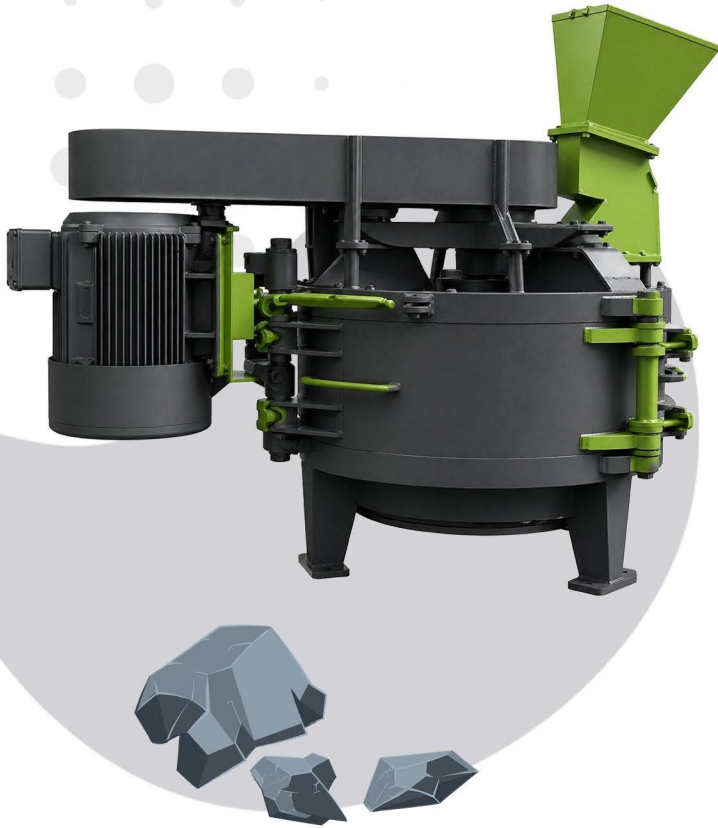
The Bucket-Type Sand Making Machine is a secondary crusher designed to improve the particle-size distribution of mineral materials and operates on the same principle as impact crushers. Its rotating hammers strike the material against the anvils, producing a uniform and consistent crushing result.

Precision engineering, rigorous quality control, and the use of durable, wear-resistant components ensure the machine's high quality, reliability, and operational performance.



 Model	 Electromotor Power (kw)	 Total weight (t)	 Production Rate (t/h)	 Dimensions (m)
SM-P-4H	55	7350.	30 - 50.	Height: 2.20 Length: 1.80 Width: 1.10
SM-P-6H	55	7500.	50 - 70.	Height: 2.20 Length: 1.80 Width: 1.10

Rabbit-Type Sand Maker



This type of sand-making machine uses a hammer-based crushing mechanism, with the crushing process taking place around a vertical axis. Its production capacity ranges from 25 to 30 tons per hour, with approximately 70% of the output consisting of 0–6 mm sand or suitable filler material.

The Rabbit-Type Sand Making Machine is manufactured in two versions: thin-shaft and heavy-duty thick-shaft models. It has a maximum feed size of 2.5 cm and is equipped with three side access doors, allowing easier inspection, maintenance, and repairs.

 Model	 Electromotor Power (kw)	 Total weight (t)	 Production Rate (t/h)	 Dimensions (m)
SM-R-T800S	55	4000	30	Height: 1.80 Length: 1.36

Rock & Rock Sand Maker

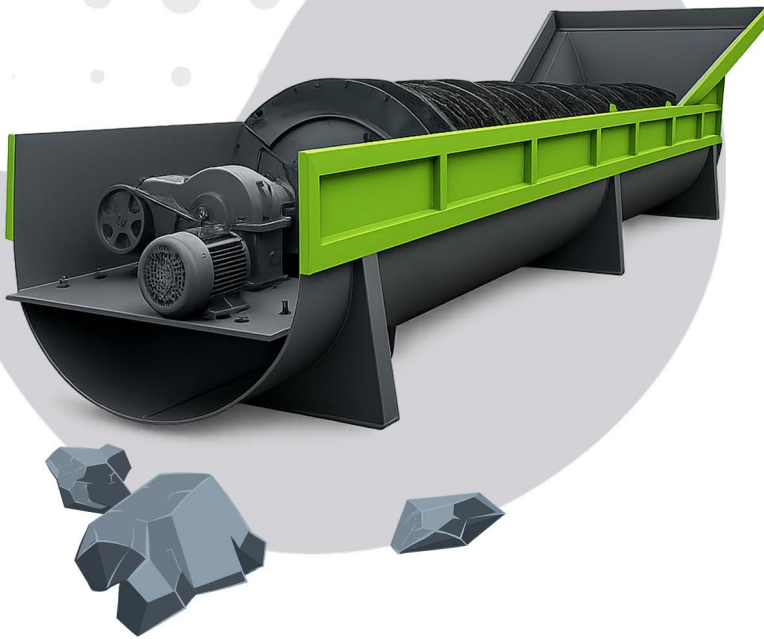


The Rock & Rock Centrifugal Sand Making Machine is a secondary crusher featuring an autogenous crushing system. It is designed to produce standard cubical sand and aggregates suitable for asphalt and concrete applications.

This machine is capable of crushing hard materials such as silica, feldspar, dolomite, and barite. Tungsten carbide hammers and a rotor manufactured from Hardox 400 provide excellent wear resistance, durability, and a long service life.

										
Name	A	B	C	D	E	F	G	H	Motor KW	Weight Kg
V.8	1825	4450	3700	1830	3500	5450	3200	1450	90	8100

Sand Washing Machine



The Sand Washing Machine is used to remove soil, clay, and other impurities from aggregates through the combined action of water and rotating sand. Its powerful electric motor increases the washing speed, while operating it alongside a dewatering screen helps separate fine filler particles and reduce water consumption.

Kasra Stone Crusher sand washing machines are manufactured in two models: Wheel Bucket (Scrubber) and Spiral Sand Washer.

 Model	 Electromotor Power (kw)	 Total weight (t)	 Production Rate (t/h)	 Dimensions (m)
SM-P-DB	11	5.3	25	Height: 3.2 Length: 1.4 Width: 1.8
SM-P-SB	18.5	6	40	Height: 3.2 Length: 1.8 Width: 1.8

Sand Washing Machine

Spiral Sand Washer

In this machine, the material is fed into the sand-washing tank together with water. A rotating spiral screw conveys the material toward the discharge outlet, while a portion of the process water is simultaneously discharged from the system.

The main factors affecting the capacity of this type of sand washer include the spiral diameter, rotational speed, tank volume, and screw pitch. These machines are manufactured in various sizes and lengths to meet different production requirements.

Wheel Bucket Sand Washer (Scrubber)

The Wheel Bucket Sand Washer is suitable for high-capacity production lines. Its low-speed rotating wheel, large settling tank, and elevated muddy-water discharge outlet maximize the settling of fine filler particles while reducing the moisture content of the washed sand.

This machine is manufactured in single-wheel and double-wheel configurations.



 Model	 Electromotor Power (kW)	 Total Weight (t)	 Production Rate (t)	 Dimensions (m)
SW-S-6*120	11	4.5	35-45	Height: 2.2 Length: 7 Width: 2.2
SW-S-7*140	11	6.5	50-75	Height: 2.2 Length: 8 Width: 2.2
SW-S-9*140	20	7.5	60-90	Height: 2.2 Length: 10 Width: 2.2

Feeder

The Feeder is used in crushing lines to provide a uniform and adjustable flow of material. Different feeder types are selected for processing various minerals, as well as river and mountain aggregates with different moisture contents.

The feeders manufactured by the company are available in three main types: Reciprocating Feeder, Grizzly Feeder, and Vibrating Feeder.



Reciprocating Feeder



Grizzly Feeder



Vibrating Feeder

Feeder

Reciprocating Feeder

The Mountain-Type Reciprocating Feeder is designed to handle large, medium, and small rocks at various production capacities. Its capacity is determined by the feeder width, eccentric throw, stroke length, and operating angle. The reciprocating motion of the feeder is powered by a hydraulic system.

For proper operation, material must be fed continuously and evenly onto the feeder to prevent aggregate backflow.



Grizzly Feeder

The Grizzly Feeder is designed to provide a consistent and controlled flow of material in mountain quarry operations. Its adjustable discharge gate allows precise control over the material output rate.

The grizzly section separates fine particles before they enter the jaw crusher, increasing the overall capacity and efficiency of the crushing line. This feeder is manufactured in single-shaft and double-shaft models, with an optional two-deck separation system.



Vibrating Feeder



Vibrating Feeders are installed horizontally or at a slight incline. Using a vibration mechanism, they provide a continuous and uniform flow of materials to the crusher positioned downstream.

These feeders are manufactured in single-shaft and double-shaft models and are available in various dimensions and configurations according to the required production capacity.

 Model	 Electromotor Power (kW)	 Total Weight (t)	 production(t/h)	 Dimension(cm)
VF-80	5.5	2500	80	200*80
VF-100	7.5	3500	100	200*100
VF-120	11	4200	120	250*150
VF-140	11	6000	140	300*140
FG-100	7.5	3500	150-200	300*100
FG-120	7.5	4000	220-300	300*120
FG-140	11	6000	300-400	400*140

Screening Machine

The Screening Machine is one of the main components used in crushing and mineral-processing lines. It separates and classifies materials according to different particle sizes.

By improving separation accuracy, enhancing the quality of the final product, and preventing unsuitable particles from entering subsequent processing stages, the screening machine plays an important role in increasing overall production-line efficiency.

The main types include Vibrating Screens, Drying Screens, and Dewatering Screens, each selected according to the material characteristics and operating conditions.



Vibrating Screen

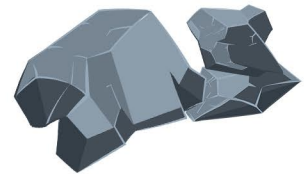
Drying Screen



Vibrating Screen



The Vibrating Screen uses a controlled combination of circular and vibratory motion to classify and separate materials across the screen meshes. The vibration amplitude can be adjusted by changing the counterweights, while different screen mesh sizes allow fine and coarse aggregates to be separated accurately.



 Model	 Electromotor Power (kW)	 Size	 No. of Layers	 Total Weight (t)	 Production (t/h)
VS-L2 3*1.5 VS-L2 3*1.5	7.5	1.5*3	$\frac{2}{3}$	5800	60-80
VS-L2 3*1.5 VS-L2 3*1.5	7.5	1.5*4	$\frac{2}{3}$	6000	100-150
VS-L2 3*1.5 VS-L2 3*1.5	11	1.5*5	$\frac{2}{3}$	6300	150-200
VS-L2 3*1.5 VS-L2 3*1.5	11	1.5*6	$\frac{2}{3}$	6500	180-220
VS-L2 3*1.5 VS-L2 3*1.5	11	1.5*6	4	7000	180-220
VS-L2 3*1.5 VS-L2 3*1.5	11	6*2	$\frac{2}{3}$	7000	200-250
VS-L2 3*1.5 VS-L2 3*1.5	15	6*2	4	8000	250

Drying Screen

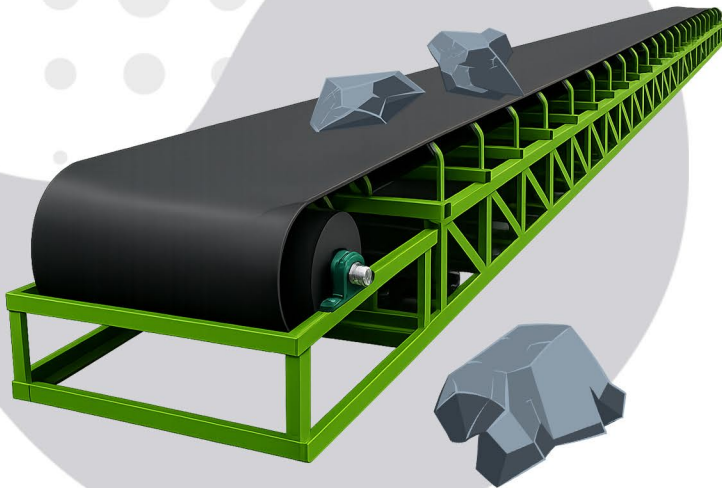


The Dewatering Screen is designed to recover fine particles, including fine sand, in wet mineral-processing lines. When used alongside a Spiral Sand Washer, it dewateres and separates the material, removes fine particles from clay and silt, and returns the recovered sand to the production cycle.

The use of a hydrocyclone increases fine-sand recovery efficiency and improves the quality of the final product. The machine has a production capacity of more than 120 tons per hour and requires an approximately 3 to 4-inch water supply line.

 Model	 Vibrator Power (kW)	 Total Weight (t)	 Production Rate (t/h)	 Body Sheet (mm)	 No. of Net	 Dimension	 Entrance (t/h)
DS-120	2pcs 2.2	6500	120	8,10	48pcs polyurethane	2.40*1.50	70-80

Belt Conveyor



Belt Conveyors are manufactured in both stationary and mobile configurations, with various belt widths selected according to the intended application.

These systems are available as flat rubber-belt, cleated-belt, roller, screw or auger, pneumatic, and bucket-elevator models. They are used to transport a wide range of materials, aggregates, packages, and bulk products throughout production and processing lines.

 Model	 Electromotor Power (kW)	 Total Weight (t)	 Transfer Capacity (t/hour)	 Tire	 Tire Thickness
CB 50	7.5	6	20	Korean Tairok	EP 400
CB 60	7.5	7.5	30	Korean Tairok	EP400
CB 80	7.5	11.5	40	Korean Tairok	EP400
CB 100	7.5	12	50	Korean Tairok	EP400

Asphalt Plants

Asphalt Plant Components

1. Asphalt Plant Tower
2. Cold Aggregate Bins
3. Cold Aggregate Conveyor (Feeding System)
4. Dryer Drum
5. Turbojet Burner
6. Multicyclone Dust Collector
7. Exhaust Fan
8. Bag Filter / Baghouse Filter
9. Flap Gate
10. Thermal Oil Heater
11. Control Panel
12. Control Room

Asphalt Plants manufactured by Kasra Stone Crusher Industrial Group are available in stationary and mobile configurations, with production capacities of 60, 80, 120, and 160 tons per hour.

Designed in accordance with international standards, these plants feature fully automatic or semi-automatic control systems and are capable of producing asphalt at a temperature of 160°C using standard aggregates with an initial moisture content of 3%.



Concrete Batching Plant

The Concrete Batching Plant accurately weighs and mixes materials such as cement, gravel, sand, aggregates, and water according to the specified mix design, producing standard ready-mixed concrete.

- 1. Drum-Type Design**
- 2. Liebherr Feeder-Type Design**
- 3. Twin-Shaft Mixer (BHS)**





Contact Us

Contact Information



+98 912 3225942

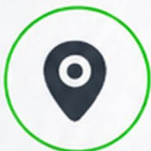
(Managing Director - Mr. Behrouz Farid)



Sales Expert

+98 990 3225942

+98 930 5004372



Factory Address

Tehran, Iran

No. 10, Third Alley, Shohadaye Sanaat St,

Qala Mir industrial town, Saveh Road

