



B Series VSI Crusher

Reach new height with KEFID

- production capacity increases 30%
- Deep chamber increases 30%
- Reduce the operating cost 30%
- Realize two working principles' conversion with "crushing between materials" and "crushing between materials and liners"





As China's largest crushing plant, mill equipments and beneficiation plants production base, kefid has exported large quantities and high-end mobile crushing plant and milling equipments to Russia, Kazakhstan, Indonesia, Ecuador, South Africa, Nigeria, Turkey more than 100 countries and regions and have solved about thousands of and beneficiation projects all over the world, which has made tremendous contributions to the local construction, mining industry and developments.

B series VSI crusher is the first choice for artificial sand making and stone sharpening. Its high performance and low costs make it stand out from traditional sand making machine. B series VSI crusher is specially used to provide excellent aggregate material to highway, railway, building, city construction and hydropower industry.



B Series VSI Crusher Fulfill sand making high efficiently with new technology

1. **High production, more stable.** Compared with traditional machinery under same power, its production capacity increases 30% and structure is stability;



2. **Low consumption of easy-wear parts;** Compared with machinery under same power, its operation cost reduces 30% and the usage cost.

3. **Final products with good shape.** The final product is cubic and Grading is reasonable so that it is used for sand making. What's more, compared with the traditional machinery, the effect improved 30%.



4. **Hydraulic lifting mechanism of upper cover can move away the cover easily,** which saves man power during maintenance.

5. **Over-vibration device is equipped.** There will be alarm when vibration surpasses a stipulated figure. It will stop the machine, in order to protect it.

6. **Advanced double-pump oil lubrication system guarantee shaft bearing lower temperature increase,** longer life time, more reliable operation.

7. **Easy to install and maintain.** The equipment can fulfill its most excellent effect through fine-tuning.

8. **Special dust-proof design for main shaft bearing fully avoid dust entering bearing lubrication part,** which make sure the machine work normally.

9. **Special feed opening structure makes that two feeding methods,** center feeding, center feeding & ring feeding, changes easily, in order to meet the requirement of crushing and reshaping stones.

10. **Main shaft is equipped with imported precision rolling bearing.** It makes main shaft work stable, lengthen maintenance cycle, increases productivity.



Fine crushing and screening mobile station-**vertical shaft impact** crusher mobile station

MAIN FEATURE

Equipped with vertical shaft impact crusher that of large crushing ratio, excellent output shape.

Adaptive host switching equipment, to meet the personalized needs of customers.

Easy and flexible to park, get into the work mode quickly.

With screening unit and crushing unit exchange system, the body can be reused.

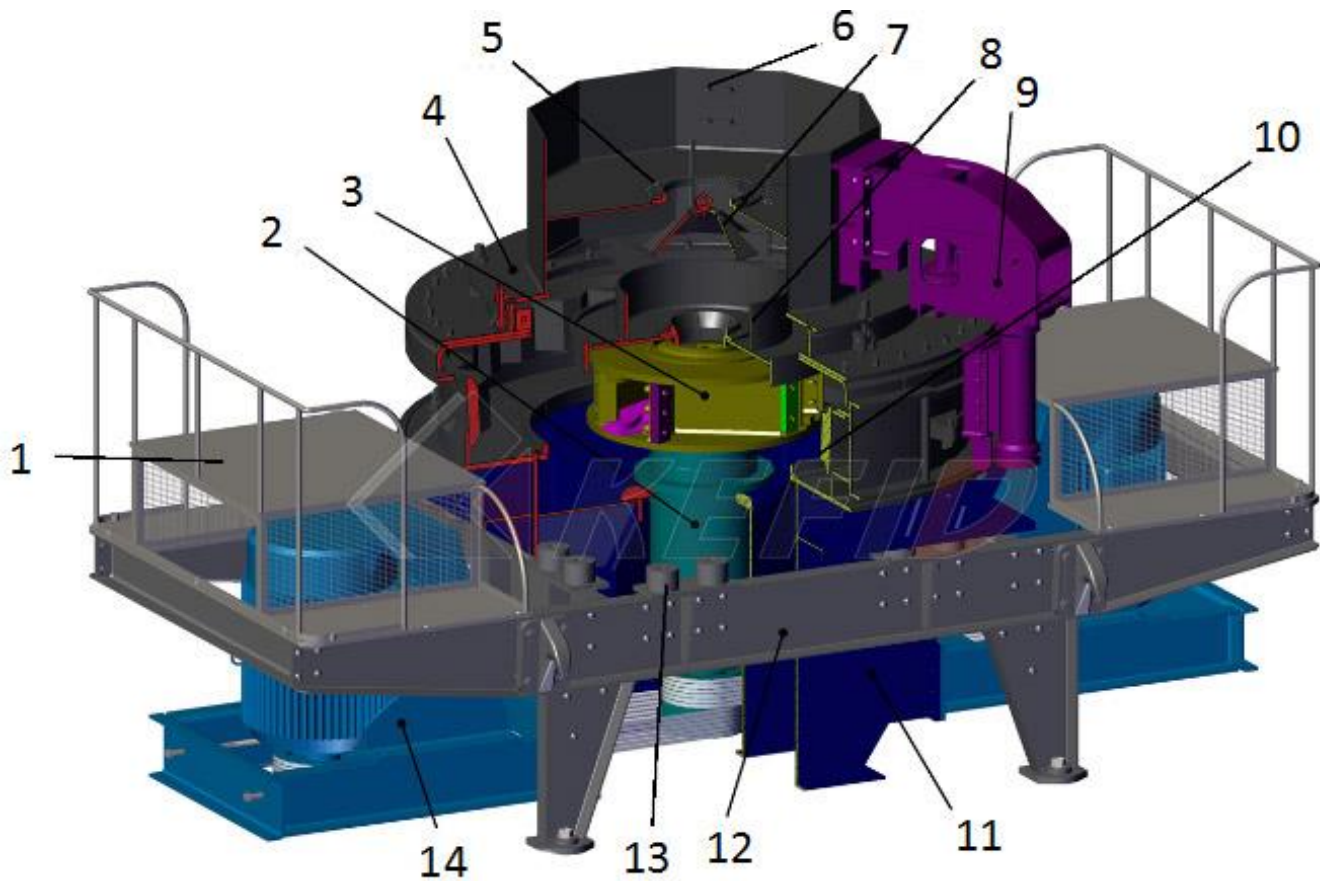
Expert on cubial shape stone creating the perfect shape

Characters of Mobile Vertical Shaft Impact Crushing Plant:High capacity, suitable for fine crushing, shape adjusting easily,high performance, flexible, integral crushing & screening and belt conveyor self-loaded.

Extended functions

Interchange system of screening unit and crushing unit: A vehicle frame is suitable for 4 plant models and equipped with interchange system for screening unit and crushing unit. The customers just need to re-purchase the main equipment, then they can totally achieve the interchange on one body frame, between the different screening units and crushing units. The perfect matching between different parts of one plant adapts to a wider scope of application. With a more comprehensive crushing function, the customers get the maximum use of our products.





1- tread plate frame

2- Bearing cylinder assembly

3- working impeller

4- Upper frame

5- The retainer of feeding hopper

6- Feeding hopper

7- Distributing cone

8- Distributing plate

9- Head cover cyclotron assembly

10- Crushing cavity

11- Discharge gate

12- Supportive frame

13- Shock-reducing

14- Motor frame

Technical Parameters of B Series VSI Crusher

Model		B-7611	B-8518	B-9526	B-1140
Capacity (t/h)	Center and Ring feeding	120~180	200~260	300~380	450~520
	Center feeding	60~90	100~130	150~190	225~260
Max Feed Size (mm)	Soft material	<35	<40	<45	<50
	Hard material	<30	<35	<40	<45
Rotation speed (r/min)		1700~1890	1520~1690	1360~1510	1180~1310
Power for double motor (kW)		110~150	180~220	264~320	400~440
Overall Dimension LxWxH (mm)		3700x2150x2100	4140x2280x2425	4560x2447x2778	5000x2700x3300
Weight (t)		7.8	10.3	16	25.6
Power Source		380v, 50Hz			
Vibrating Sensor		Inspect scope: 0.1-20mm/s adjusted continuously			
Lubrication hydraulic pressure station	Power for double oil pump	2x0.31KW			
	Safety	To make sure the supply of the oil with double oil pump; stop working without oil or hydraulic pressure; temperature falls when the water cools; start the motor by heating it in winter.			
	Power for oil box heater	2KW.			

Note: Any change of B series VSI crusher technical data shall not be advised additionally.



The Analysis of Large-scale Sand Production Line



Kefid 70-100tph cobblestone crushing line in Salvador



MATERIAL : cobblestone

FEEDING SIZE : 500mm

OUTPUT SIZE : 0-5mm, 5-20mm, 20-40m

CAPACITY (TPH) : 70-100T/h

EQUIPMENT : 3YZS1860 Vibrating screen, PF1315 impact crusher
PE500x750Jaw crusher、CSB75cone crusher、VSIB7611VSI
crusher、3YZS1848 vibrating screen

Kefid 200tph granite crushing line in Tajikistan



MATERIAL : granite

FEEDING SIZE : 750mm

OUTPUT SIZE : 0-5mm, 5-10mm, 20-30m

CAPACITY (TPH) : 200T/h

EQUIPMENT : ZSW1100x4200vibrating feeder、PE750x1060jaw
crusher、HPT300cone crusher、VSIB9526 VSI crusher、
2LSX920Screw Sand Washing Machine、2YZS1548vibrating
screen、3YZS1860vibrating screen、belt conveyor



The Strength of Kefid

Kefid Machinery is a leading and pioneering enterprise with the most advanced international level in R&D, manufacturing and selling of large-scale crushing & screening plants and beneficiation plants. Located in a historic city and transportation hub in central China-Zhengzhou, covering 140 thousand square meters, Kefid has Shangjie and High-tech zone two production bases. Shangjie Zone which covers 80,000 square meters has three heavy-duty and modern integrated assembling workshops--occupying 50,000 square meters; High-tech zone has 22 floors R&D Management laboratory building with 26,000 square meters, comprehensive equipments exhibition hall with 5,100 square meters, heavy-duty and modern integrated assembling workshop with 10,000 square meters, and also has the industry's most advanced machining workshop 20,000 square meters, and hundred sets of advanced large-scale vertical lathe, fixed lathe, planner, boring lathe, grinder and milling machines.



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Your profit is our greatest concern and your praise is the biggest compliment that we diligently strive for. Our aim is, with the core of service, tailored for you the most valuable products with comprehensive pre-sale, sale and after sale service.

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SPARE PARTS

B Series VSI Crusher



Feeding pipe



Dispensing Cone



Bearing cylinder



Host bearing



The bushing ring of hopper

Sand-making Equipment



Circum Guard plate



Impact Plate



Impact Block



Hammer



wearproof Plate

Crushing Plant



Rotor Assembly



Liner Board



Hammer Bar



Wedge



Impact Plate

PRODUCT LIST

Stationary Crushers

JC Series Jaw Crusher
Jaw Crusher
C6X Series Jaw Crusher
Primary Impact Crusher
CI5X Series Impact Crusher
Impact Crusher
CS Cone Crusher
Spring Cone Crusher
HPT Cone Crusher
Deep Rotor VSI Crusher
B Series VSI Crusher
VSI6S vertical shaft impact crusher

VU System Equipment

Dry Sand Making System
Dry-Mixed Mortar Sand Making Equipment
Concrete-Use Sand Making Equipment

Grinding Mills

Ultra Fine Vertical Grinding Mill
VM - Vertical Grinding Mill
European Tech. Grinding Mill
Micro Powder Mill
Raymond Mill
Ball Mill

Washing & Screening

F5X Heavy Vibrating Feeder
Screw Sand Washing Machine
Wheel Sand Washing Machine
Vibrating Feeder
Belt Conveyor

K series mobile plants

Primary mobile crushing plant
Mobile Secondary Crushing & Screening Plant
Independent Operating Combined Mobile Station
Fine crushing and screening mobile station
Fine crushing & washing mobile station
Three combinations mobile crushing plant
Four combinations mobile crushing plant

Crawler Mobile Crusher

Ore Beneficiation

Jaw Crusher
HPT Cone Crusher
Ball Mill
Rotary Kiln
Flotation Machine
High Gradient Magnetic Separator

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