

B series VSI crusher



B series VSI crusher is newly researched equipment, with international advanced level. The machine is specifically for the production of high-quality gravel aggregate used in highway, railway, high-rise buildings, municipal, hydroelectric dam construction, and concrete mixing sand, and it is the first choice of the artificial sand making area and stone shaping area. It is applicable to the fine crushing techniques in the front of mining sector, and applicable to the material crushing of building materials, metallurgy, chemical, mining, refractories, cement, and abrasive industry. Besides, it also can be used in highly abrasive material and secondary disintegration crushing of it, and used in desulphurization in thermal power and metallurgy, and the environmental protection projects such as slag and construction waste crushing, and glass, quartz sand and other high purity materials crushing.

Main Features:

1. High capacity—the capacity is 50-500t/h, which is 30% higher than traditional equipment under the same power.
2. Low consumption of wearing parts—the design of best material impact angle in the crushing chamber makes the friction between the material and resistant parts. The operating costs reduce 30% than traditional equipment.
3. Excellent product grain shape—cubic products, good grain shape, reasonable level with the management, adjustable fineness modulus; particularly suitable for artificial sand making and stone shaping. It has been proved the effect of sand making and stone shaping are increased by 30% compared with traditional equipment.
4. Hydraulic mechanism and easy maintenance—hydraulic lifting mechanism of upper cover can move away the cover easily, which makes the maintenance of the parts in the crushing chamber easily and shorten the downtime to save time and effort.
5. Automatic detection, safe and reliable—over-vibration device is equipped. There will be alarm when bad operation happened. It will stop the machine, in order to protect it.
6. Lubrication, auto maintenance—German original oil lubrication system has advanced double-pump to guarantee oil supply. The machine will stop when there is no oil stream or no oil pressure; oil cooling and heating equipment to ensure the bearing lubrication is always in the best condition, thus completely solve the heat problem of bearing, and maintain the bearing shaft keep constant temperature, extended maintenance intervals and service life.
7. Simple installation, easy operation—light equipment weight, variety of installation, mobile installation; simple installation and maintenance, easy operation; once the application is specified, B Series Vertical Shaft Impact only need minor adjustment to maximize their outstanding performance.
8. Multi-purpose machine, flexible application—unique crushing feed structure with a variety of crushing cavity can be easily achieved, "stone at Stone" and "stone at blacksmith" conversion, thus solving the problem of multi-purpose of the machine. If you want to change the applications of VSI crusher, minor adjustment can meet the needs of different users: artificial sand making, stone shaping, abrasive materials, etc.
9. International quality assurance—applications of Germany's latest technology, advanced riveting technology and sand-blasting treatment technology of automotive appearance and painting process, greatly improving the device quality of the internal quality and appearance. Core

components are used by international brands (high-precision grade bearings TIMKEN bearings), ensure the system of low failure rate.

10. Environmentally friendly—low noise, no pollution of sand making equipment. Unique self-circulation system of air greatly reduces the amount of outside ventilation to reduce dust, which is environmentally friendly. In addition, B Series VSI crusher reserved and suit for various specifications of dust removal equipment.

Technical Parameter:

Mm to inch conversion: 25.4millimeters=1 inch

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 L×W×H (mm)		3700×2150×2100	4140×2280×2425	4560×2447×2778	5000×2700×3300
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	2×0.31kW			
	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	2 kW			

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