



SANY CONSTRUCTION TECHNOLOGY CO., LTD.

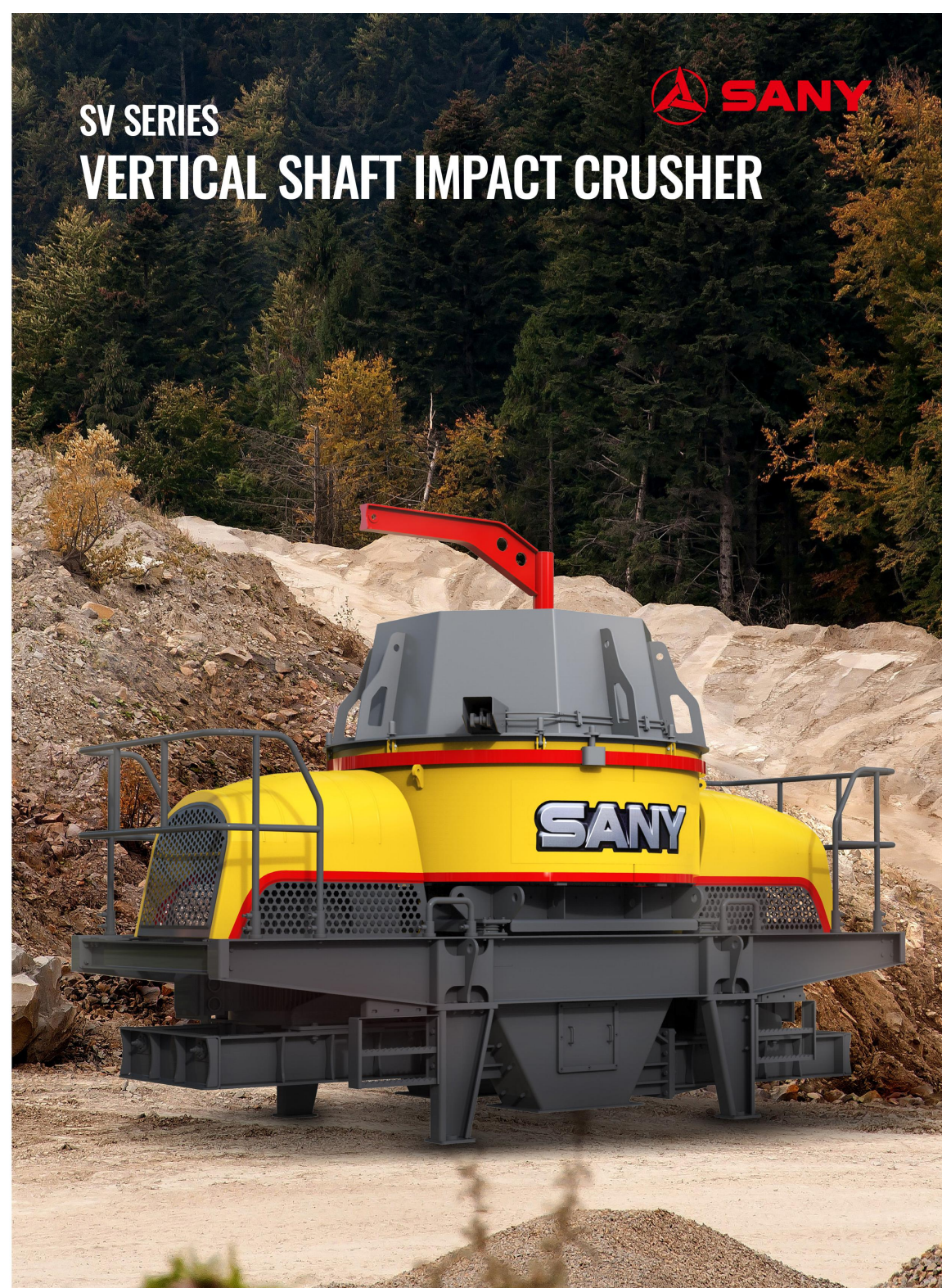
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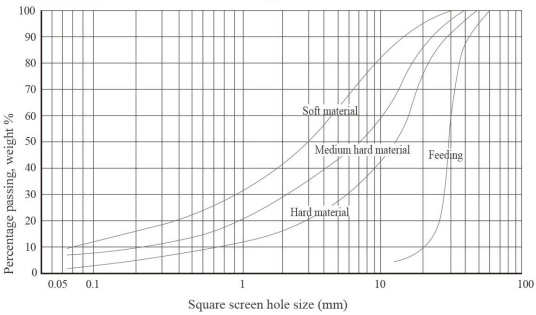
The technical parameters, configurations and industrial painting are subject to change for continuous technical updates without prior notice. Machines on the pictures may include auxiliary equipment. This brochure is for reference only, and the real objects should be considered as final.

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Curve of Crushing Particle Size

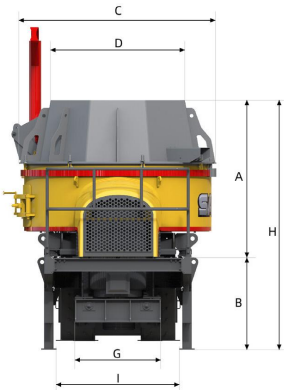
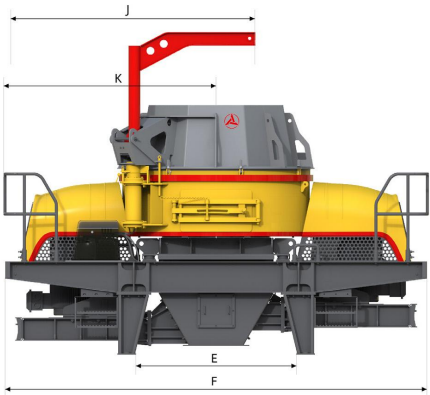


Crushing Capacity

Model	Processing capacity		Maximum feeding particle size	Motor power	Spindle speed	Weight
	Cascading and central feeding	Fully-central feeding				
Unit	t/h		mm	kW	rpm	ton
SV7210	350-540	180-280	40	320	1300-1510	13.9
SV8210	360-650	280-430	55	500	1200-1600	17.5
SV9211	540-580	450-480	65	630	900-1200	21.9

*Note: The processing capacity in the table is only based on the open circuit operation and production when the bulk density is 1.6t/m³. The actual processing capacity is related to the physical properties, feeding mode, feeding size and other related factors of raw materials. In view of product upgrading and optimization, relevant technical parameters are subject to change without further notice, and the actual data shall be subject to the physical object.

Dimensions



Size	SV7210	SV8210	SV9211
A	1950	1923	2102
B	1158	1271	1495
C	2530	2530	2840
D	1720	1720	1919
E	2050	2050	2317
F	5040	5400	5700
G	1100	1100	1244
H	3118	3194	3597
I	1552	1570	2016
J	2533	2167	2916
K	2600	2700	3070

Unit: mm

* Specific parameters are subject to actual conditions.

Technical Advantages

- Adopting the advanced technologies and innovative designs at home and abroad, SANY Heavy Equipment Co., Ltd has launched SV series vertical shaft impact crushers, which can be used for manufacturing sand, shaping and fine crushing of various hard rocks. It is widely used in the foll owing fields: aggregates and construction waste treatment, slamming stone backfilling, tailings disposal, etc.. It features with good crushing effect , excel lent particle shaping, energy saving, high efficiency, high reliability and durability, low maintenance cost and high intelligence. Its outstanding performance pioneers in China. SANY VSI crushers can provide customers with the highest comprehensive benefits.
- In order to meet different customer needs, the SV series vertical shaft impact crusher offers two crushing chamber types, 'Rock-on-rock' and 'Rock-on-iron', and can be switched quickly by replacing the impact bar.

Rock-on-Rock Crushing Chamber

- The discharge quality of the rock-on-rock crushing chamber is high. Through structural optimization and the addition of material layer partitions, a dense and stable material layer can be formed to improve the crushing efficiency. In combination with the feed eye ring, the proportion of feeding cascade at center and side can be adjusted to obtain higher-quality finished materials, better product gradation and better cubic particles. In addition, when it is used for crushing medium and high hard materials,the rock-on-rock crushing chamber can effectively reduce the wear cost.



Maintenance Friendly

- Quick access to the inside inspection by lifting the roof; Through service door, the wear parts can be quickly visual inspected and replaced . The service and maintenance time is greatly reduced.

Low Cost Per Ton

- The advanced design ensures the high crushing efficiency and reduces the energy consumption. Besides, the high wear-resistant parts reduce the wear consumption cost.

More Reasonable Design for Rotor

- Different rotors are designed for different models to meet the needs of different users, which effectively reduces the consumption of wear parts and time for replacement.
- The hopper with port is made of wear-resistant alloy, and the lining plate is made of high-performance wear-resistant materials, which prolongs the service life of wear parts.
- It is focused on the reduction of rotor unbalance force, the radial force of the main shaft is reduced, thus prolonging the service life of the bearing and reducing the vibration of the crusher.

Rock-on-Iron Crushing Chamber

- The rock-on-iron crushing chamber crushes more effective and better ratio of cascade, which can produce more end products. The special structural design of the impact bar can reduce the energy loss caused by the collision between the materials from the rotor at high speed and the impact bar, thus improving the crushing efficiency,and maximizing the production of end products.



Central Feeding and Overflow Feeding

- The central feeding and overflow feeding can meet the requirements of different working conditions such as sand manufacturing and shaping. At the same time, the feeding amount and feeding mode can be changed by adjusting the height of the spreader plate and the position of the cascade control gate, which is convenient for adjusting the gradation and fineness of mill feed.

Optimized Lubrication System

- The automatic thin oil lubrication system has the functions of lubrication and heat dissipation, and the grease temperature is within the optimal range, prolonging the service life of the bearing.

Transmission Components of Internationally Famous Brands

- In order to ensure stable transmission, imported original transmission parts are selected.
- SKF/FAG bearings, Germany OPTI drive belts, Siemens Beide motors and Trelleborg oil seals are selected.