

VSI Series Vertical Shaft Impact Crusher

The Ultimate Solution for Premium Shaped Aggregate & High-Volume Sand Making

- ① **Flawless Cubical Particle Shape:** Utilizing the advanced vertical shaft impact kinetic energy, it yields an unparalleled cubical final product with zero internal stress and an exceptionally low flake/needle count, perfectly meeting international high-strength concrete standards.
- ② **Flexible Dual Feeding Modes:** Engineered with an adjustable feed hopper that easily switches between "Center Feeding" and "Center with Cascade Feeding" to optimize production capacity and particle size according to various rock hardness levels.
- ③ **"Rock-on-Rock" Low Wear Technology:** In the "Rock-on-Rock" cavity configuration, materials form a dense lining pocket inside the rotor, allowing rocks to crush each other. This dramatically reduces the direct wear on premium high-chrome alloy internal parts and cuts maintenance costs by up to 30-50%.
- ④ **Advanced Deep-Rotor Design:** Equipped with a precision-balanced deep-cavity rotor that increases material throughput, optimizes rock acceleration paths, and elevates overall crushing efficiency by 30%.
- ⑤ **Hydraulic Maintenance Lid Lifter:** Standard heavy-duty dual hydraulic cylinders allow operators to lift and swing open the upper lid effortlessly, providing rapid, tool-free access to check the distributor, rotor tips, and liners.



Model	Max. Feed Size(mm)		Capacity(t/h)		Rotor Speed (r/min)	Motor Powe (kw)	Total Weight (t)	Overall Dimension (L x W x H) (mm)
	Soft	Hard	Rock-on-Rock	Rock-on-Anvil				
VSI-7611	35	30	60-120	70-150	1710-1900	55x2	12.0	3600x2248x2533
VSI-8518	40	35	120-200	150-260	1520-1720	90x2	15.5	4378x2350x2667
VSI-9526	45	40	200-350	250-420	1350-1530	132x2	19.8	4640x2650x2800
VSI-1140	50	45	350-520	400-650	1170-1350	200x2	26.5	5000x2700x3300
VSI-1145	50	45	500-640	550-700	1100-1310	220x2	28.2	5100x2790x3320