



Shanghai ShiBang Machinery CO.,LTD  
-----PRODUCT INTRODUCTION-----

## VSI5X Series Vertical Shaft Crusher with High-efficiency

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VSI5X series crushers are widely used in metal and nonmetal mine, concrete, fireproof material, abrasive filler, frit, construction aggregate, sand, metallurgy and so on. VSI5X series crushers are applied to medium-fine crush all of the ore and rock such as iron ore, nonferrous metal, emery, bauxite, granite and so on.

### Features:

VSI5X series vertical shaft crushers adopt Germanic advanced technique and obtain many proprietary intellectual property rights and the patent technology as well as integrate with three types of crushing who have been the core equipments in sand making industry. The new type of high-efficiency crushers obtains the following

### advantages:

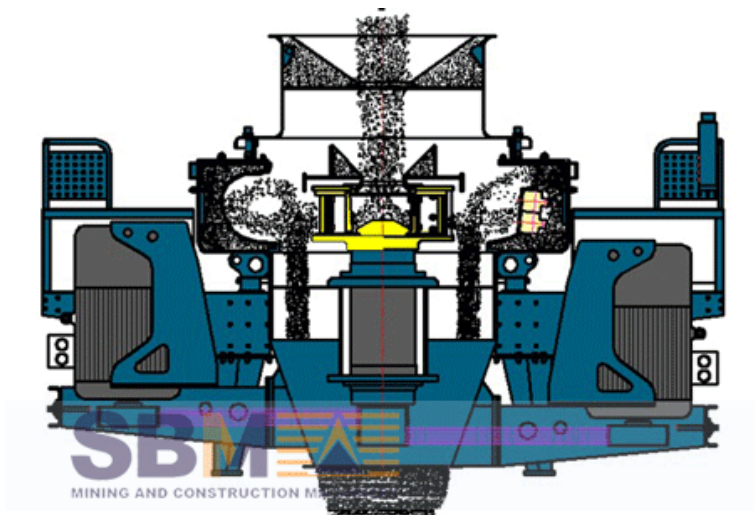
1. Optimized deep-cavity rotor improve the material throughput by about 30%
2. Part-worn around protecting plate can be reversed end for end to use again which improve the operating factor by more than 48%.
3. Assembled hammer reduces the cost by more than 30%. In addition, adding the assistant hammer which protects the frame when the main hammer is worn.
4. The core wear resistant material adopts the American high-standard wear resistant material.
5. Adopting the lozenge impact plate protects the frame better.
6. Adopt international famous brand bearing from Japan, Sweden, America and so on.
7. Advanced shoot opening and fluent inner curve reduce the flowing resistance which improve the throughput by large extent.
8. Convertible distributor simplifies the operation.
9. Airproof structure of main axle end avoids oil leaking without felt washer.
10. The hydraulic uncap assembly adopts Japanese imported with original packaging parts which make the maintenance easier and more convenient.
11. Adopt high protection standard motor with high efficiency and low noise. The motor accords with IEC standard, F insulation, IP 54/55 protection standard.



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Model		VSI5X7615	VSI5X8522	VSI5X9532	VSI5X1145
Throughput capacity(t/h)	Feed both at center and sides	150~280	240~380	350~540	500~640
	Feed	70~140	120~200	180~280	250~360
Max feed size (mm)	soft materials	<35	<40	<45	<50
	Hard materials	<30	<35	<40	<45
rotation speed(r/min)		1700~1900	1500~1700	1300~1510	1100~1310
Double motor power (kw)		110~150	180~220	260~320	400~440
Overall dimension L*W*H (mm)		3700×2200 ×2300	4140×2300 ×2700	4560×2500 ×2900	5000×2700 ×3400
weight(t)		8.6	11.8	17.5	27.5
Power supply		380v, 50Hz			
Light-oil lubrication station	Power of double lubropump motor	2X0.31kW			
	safety protection	Double complementary lubropumps supply oil. Auto-stop without oil flow. Water-cool system. Motor-heating for winter.			
	Oil-tank heating power	2kW			
	Overall dimension L*W*H (mm)	820X520X1270			

**Note:** Capacity is according to the medium hard limestone. The size, humidity level and characters of materials will influence the capacity.



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