

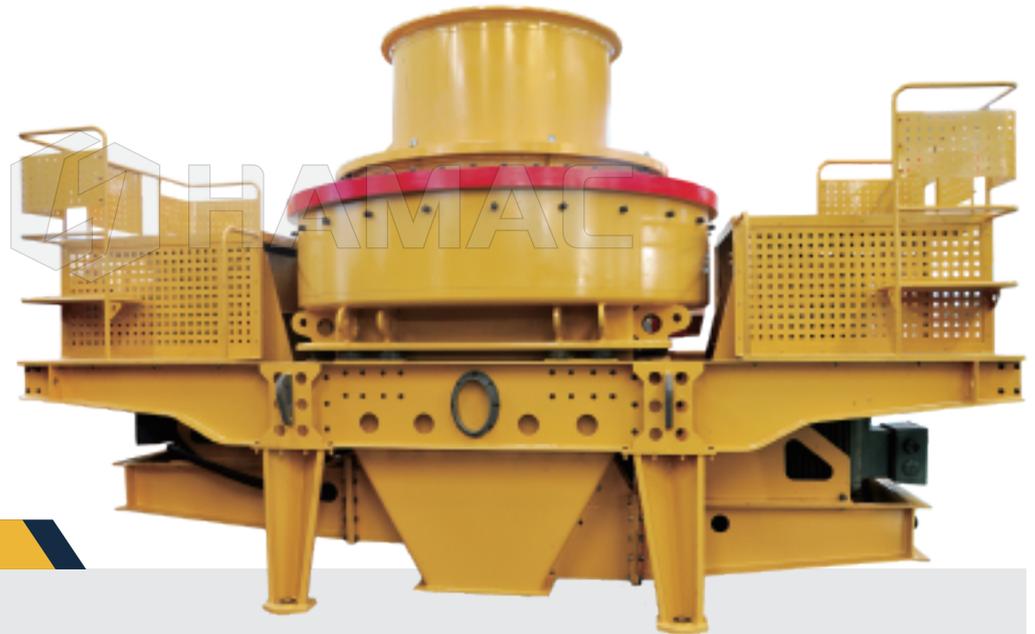


# **VERTICAL SHAFT IMPACT CRUSHER**

ZHENGZHOU HAMAC AUTOMATION EQUIPMENT CO., LTD

[WWW.HAMACCHINA.COM](http://WWW.HAMACCHINA.COM)

# VERTICAL SHAFT IMPACT CRUSHER

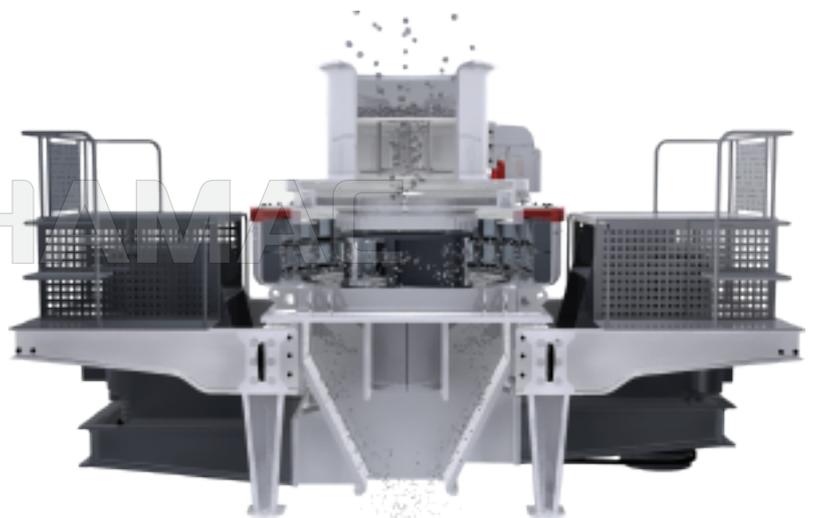


## INTRODUCTION

VSI series high-efficiency vertical shaft impact crusher is a high-performance sand-making equipment developed by HAMAC combined with the actual needs of artificial sand making and after many technical improvements. This series combines the unique rotor structure design (hard rock shaping + sand making), excellent wear-resistant material technology, extremely fast crushing speed and unique hydraulic design, etc. It has become one of the preferred equipment in the sand making industry.

## WORKING PRINCIPLE

When entering into impeller, the raw material can be crushed directly by hitting impact plate after it is accelerated and threw out. The raw material can also be divided into two parts by material-dividing plate. One falls down from all around. The other enters into impeller and is accelerated, threw out and collides with the falling material and hit, rebound with impact plate. The circulation hits repeats. As the crushing is moving forward, small particle materials will gradually form a material bed around the impact plate which can improve the crushing effect and protect the machine. The desired artificial sand comes downwards though outlet finally.



**ADVANTAGES**

Vertical Shaft Impact Crusher



1. Rotor with deep chamber increases 30% capacity after perfect design.
2. Side plate direction can be changed to increase material utility ratio, operating ratio can be increased 48%.
3. Wearable hammer with combined type is only changed to reduce operating cost 30%. Another pair of vice hammer is added to prevent from damaging main hammer and side plate.
4. The most key wear resistant material uses wear resistant and high temperature resistant material in American important area.
5. Rhombus shape impact plate is used to prevent side plate from being damaged.
6. Bearing is famous international brand imported from Japan, Sweden, US, etc.
7. Perfect discharge and smooth curve reduce resisting force when material flows, so capacity is increased greatly.
8. Spread dish with double purposes can make two feeding ways change easily.
9. Special seal structure under main shaft guarantee no oil leak without seal.



**TECHNICAL DATA**

Vertical Shaft Impact Crusher

Model	Maximum Feeding Size (mm)	Nominal Through Capacity (t/h)	Motor Power(kW)
VSI1263	≤60	420-500	315×2
VSI1150	≤55	300-390	250×2
VSI1145	≤50	250-300	220×2
VSI1140	≤50	225-260	200×2
VSI9532	≤45	180-220	160×2
VSI9526	≤45	150-190	132×2
VSI8522	≤40	120-160	110×2
VSI8518	≤40	100-130	90×2
VSI7615	≤35	70-140	75×2
VSI7611	≤35	60-90	55×2

Note: HAMAC follows the principle of the perfecting the performance of the products, material and specification may be changed without advice.

**GALLERY**

Vertical Shaft Impact Crusher





## WHY CHOOSE HAMAC?

HAMAC Automation Equipment Co., Ltd is a professional supplier for construction machinery located in Zhengzhou and Qingdao, China. Based on the two manufacture bases, HAMAC's Parent company occupies big market in domestic market, and built agents and distributors in China mainland. HAMAC is treated as an international brand to promote the overseas market. We are becoming a famous global brand in construction machinery industry.



HAMAC owns a strict quality control system to select our suppliers, to check all the products from HAMAC also; HAMAC does not pursue a high profit, but with reasonable profits to cover basic cost and to confirm the quality; HAMAC provides our clients with professional exporting service in addition to products, to make your purchase experience satisfied.





TO BE YOUR DEVOTED PARTNER



# VERTICAL SHAFT IMPACT CRUSHER



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