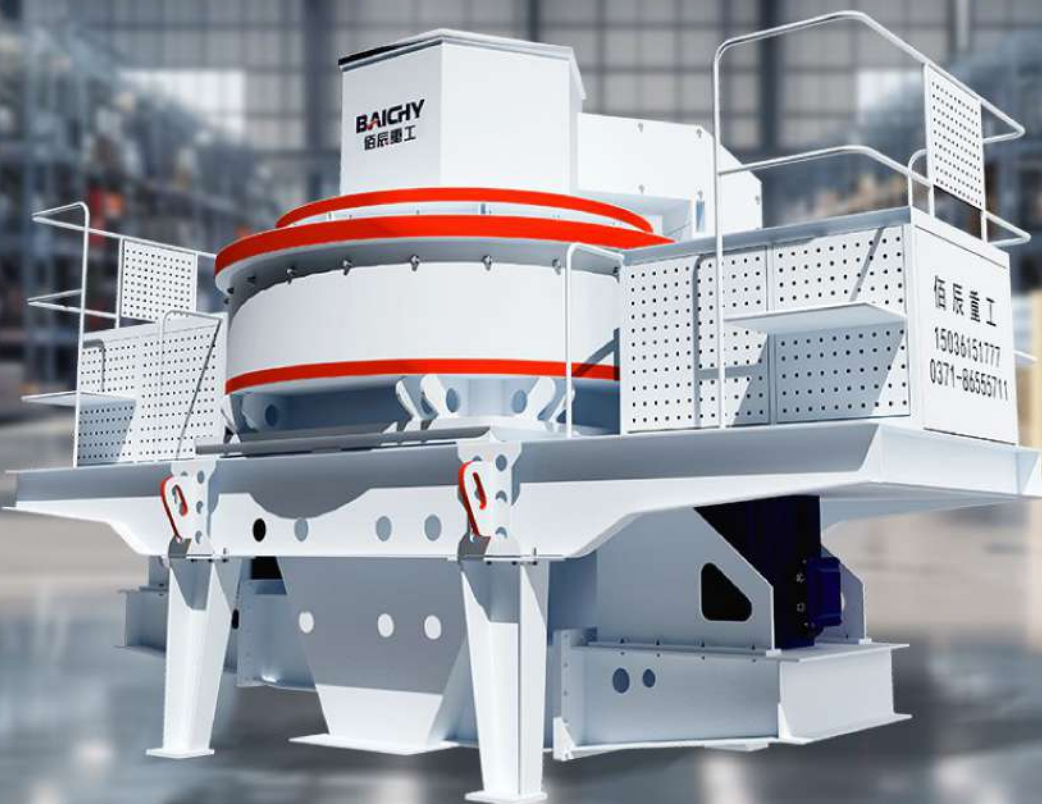


VSI SAND MAKING MACHINE

VSI制砂机



PRODUCT INTRODUCTION

产品简介

VSI冲击式制砂机集多种破碎模式于一体，成为机制砂行业的核心设备。可广泛应用于金属矿石和非金属矿石、建筑材料、人工制砂以及各种冶金矿渣的破碎与整形。

VSI impact sand making machine integrates multiple crushing modes and has become the core equipment in the mechanism sand industry. It can be widely used in the crushing and shaping of metal ores and non-metallic ores, building materials, artificial sand making and various metallurgical slags.

PRODUCT ADVANTAGE

产品优势

优势一 运行可靠、操作方便、效率高能,可以根据不同的工艺要求,对各种型号的设备进行组合,制砂成本投入少。

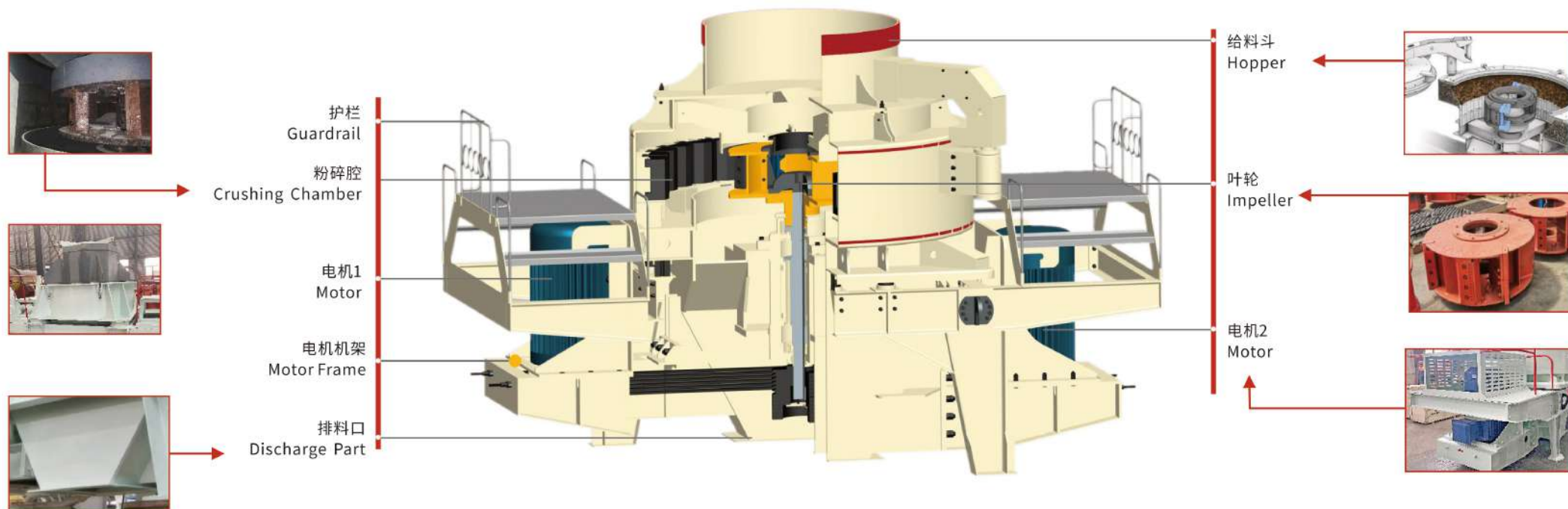
Reliable and easy operation, high efficiency and energy saving, various types of equipment can be combined according to different process requirements, and cost of sand production is low.

优势二 操作使用方便,配备液压开盖装置,使破碎腔内部件检修拆换方便快捷,省时省力。

Easy to operate and use, equipped with a hydraulic cover opening device, which makes the maintenance and replacement of the internal parts of the crushing chamber quick and easy, and saves time and power.

优势三 主要用于粉碎各种原料(如河卵石、石灰石、铁矿石等)并塑性成型为所需的人造砂。

It is mainly used to crush various raw materials (such as river pebbles, limestone, iron ore, etc.) and plastically shape them into the required artificial sand.



WORKING PRINCIPLE

The sand-making machine is composed of seven parts: a feeding hopper, a distributor, a vortex crushing chamber, an impeller body, a main shaft assembly, a base, a transmission device, and a motor.

The material falls vertically into the high-speed rotating impeller from the upper part of the machine. Under the action of high-speed centrifugal force, it will collide with another part of the material shunted around the impeller in the form of an umbrella. The material forms a vortex between the casings, collides and rubs each other many times, is crushed, and is directly discharged from the lower part to form a closed circuit for multiple cycles. After being controlled by the screening equipment, the finished product reaches the required particle size.



TECHNICAL PARAMETER

技术参数

型号 Model		VSI7611	VSI8518	VSI9526	VSI1140	VSI1145
生产能力 Capacity (t/h)	瀑落与中心进料 Cascade and Center Feeding	120-180	200-260	300-360	450-520	500-600
	全中心进料 Center Feeding	60-90	100-130	150-190	225-260	250-360
进料尺寸 Feeding Size (mm)	软料 Soft Material	<35	<40	<45	<50	<50
	硬料 Hard Material	<30	<35	<40	<45	<45
转速 Rotation Speed (r/min)		1700-1890	1520-1690	1360-1510	1180-1310	1180-1280
双电动机功率 Power of the Double Motors (kw)		2×55	2×90	2×132	2×200	2×220
最大外形尺寸 Overall Dimension LxWxH (mm)		4100×2290×2350	4600×2280×2650	4600×2350×2850	5200×2600×3220	5500×2790×3320
振动传感器 Vibrating Sensor		监测范围:0.1-20mm/s 连续可调 Inspection Scope: 0.1-20mm/s, it can be adjusted continuously				
双油泵电动机功率 Power of Double Oil Pump (kw)		2×0.31				
液压润滑站 Hydraulic Lubrication Station	安全保护 Safety	双油泵互补保证供油;无油流、无油压自动停机;水冷降温;冬季电机加热启动 Dual oil pumps complement to ensure oil supply. Stop automatically. Water cooling. Heating start motor in winter				
	外形尺寸 Overall Dimension (mm)	820×520×1270				
	油箱加热器功率 Power of Oil-Box Heater (kw)	2				

注：技术参数如有变动，恕不另行通知。 Note: Any changes of technical parameters, there is no further notice.



CUSTOMER WORKSITE

客户现场

专注矿山机械二十年，佰辰重工为上千家客户提供了专业项目指导、设备生产、生产线建设及管理运营等产品服务，与他们共同证明中国矿机品牌的力量。

Focusing on mining machinery for 20 years, Baichy has provided professional project guidance, equipment production, production line construction, management and operation products and services to thousands of customers, and jointly proved with them the power of China's mining machinery brand.



出口超**150+**个国家

BAICHY exports to more than 150 countries



Mobile Crusher Plant

Jaw Crusher

C Series Jaw Crusher

PEX Fine Jaw Crusher

Impact Crusher

CI Series Impact Crusher

Symons Cone Crusher

Spring Cone Crusher

Hydraulic Cone Crusher

CH Cone Crusher

Heavy Hammer Crusher

Small Jaw Crusher

Vibrating Feeder

Belt Conveyor

YK Vibrating Screen

Trommel Screen

Vertical Shaft Impact Crusher

High-efficiency Fine Crusher

Double Roller Crusher

Two-stage Crusher

Vertical Compound Crusher

Reversible Hammer Crusher

Hammer Crusher

Dewatering Screen

Linear Vibrating Screen

Wheel Sand Washing Machine

Screw Sand Washer

Sand Recycling Machine

Raymond Mill

YGM High Pressure Grinding Mill

MTW Trapezium Grinding Mill

Vertical Roller Mill

HGM Micro-powder Grinding Mill

Ball Mill

Cement Ball Mill

Ceramic Ball mill

Three-cylinder Dryer

Single Cylinder Dryer

DMC Pulse Dust Collector

Powder Classifier

Bucket Elevator

Vibrating Feeder

Screw Conveyor

Three-cylinder Dryer

Single Cylinder Dryer

Flotation Machine

Spiral Classifier

Gold Concentrator

Magnetic Separator

Agitator

Wet Pan Mill

Shaking Table

Spiral Chute