



# VSI Sand Making Machine

## VSI 制砂机

### Introduction

VSI系列高效制砂机是结合中国的工况条件，引进德国技术，经过改进设计的新一代制砂专用设备。该机专为高速公路、高速铁路、高层建筑、市政、水电大坝建设、混凝土搅拌站提供优质砂石骨料，是人工制砂和石料整形领域的首选设备，被广泛应用于各种矿石、水泥、耐火材料、铝矾土熟料、金刚砂、玻璃原料等高硬、特硬物料的中、细碎领域。

VSI series high-efficiency sand making machine is a new generation of special sand making equipment which has been improved and designed by combining German working conditions and introducing German technology. This machine is designed to provide high-quality aggregates for highways, high-speed railways, high-rise buildings, municipal administration, hydropower dam construction, and concrete mixing plants. Medium and fine crushed areas of high-hardness and extra-hard materials such as cement, refractory materials, bauxite clinker, emery, glass raw materials.

### Working Principle

物料进入高速旋转的转子后被充分加速并经发射口抛出，首先与反弹后自由落下的一部分物料进行撞击，然后一起冲击到周围的涡流腔内的涡状料衬上，先被反弹到破碎腔顶部，由偏转向下运动与从叶轮流道发射出来的物料撞击形成连续的物料幕，最后经由下部排料口排出。

After the material enters the high-speed rotating rotor, it is fully accelerated and thrown through the launch port. First, it collides with a part of the material that falls freely after rebound, and then hits the vortex material lining in the surrounding vortex cavity together, and is rebounded to break. The top of the cavity is formed by the downward movement of the deflection and the impact of the material emitted from the impeller flow channel to form a continuous material curtain, which is finally discharged through the lower discharge port.

### Main Specification

型号 Model		7615	8522	9532	1145	1150	1263
生产能力 (t/h) Production capacity	爆落与中心进料 Burst and center feed	150~280	240~380	350~540	500~640	413~442	545~583
	全中心进料 Full center feed	70~140	120~200	180~280	250~360	344~368	454~486
进料口尺寸(mm) Inlet size	软料 Soft material	35	40	45	50	45	50
	硬料 Hard material	30	35	40	45	55	60
转速 (r/min) Rotating speed		1700~1900	1500~1700	1300~1510	1100~1310	1000~1300	900~1200
双电机功率(kw) Double motor power		110~150	180~220	260~320	400~440	440~500	600~630
外形尺寸(mm) Dimensions		4100x2330x2300	4140x2500x2700	4560x2600x2900	5100x2790x3320	5700x2980x4190	5500x2750x3950
电源 (kw) Power		2 x 0.25 kw					
稀油润滑站 Thin oil lubrication station	双油泵电动机功率 Double oil pump motor power	380V, 50Hz					
	安全保护 Safety protection	双油互补供油; 无油流自动停机; 水冷降温; 冬季电机加热启动					
	外形尺寸(mm) Dimensions	820 x 520 x 1270					
	油箱加热器功率(kw) Fuel tank heater power	2 kw					

注：规格型号如有变动，恕不另行通知。  
Note: Specifications and models are subject to change without notice.