

VSI Sand Making Machine

VSI Sand Making Machine is a newly researched equipment, with international advanced level. Technology and modern processing equipment make it a leading role in this industry. VSI Sand Making Machine is widely used for artificial sand, in metal and non-metal ores, cement, refractory material, bauxite, silicon carbide, glass material, building material.



Features:

1. Advanced double-pump oil lubrication system guarantee shaft bearing lower temperature increase, longer life time, more reliable operation.
2. Main shaft is equipped with imported precision rolling bearing. It makes main shaft work stable, lengthen maintenance cycle, increases productivity.
3. Hydraulic lifting mechanism of upper cover can move away the cover easily, which saves man power during maintenance.
4. Over-vibration device is equipped. There will be alarm when vibration surpasses a stipulated figure. It will stop the machine, in order to protect it.
5. Special dust-proof design for main shaft bearing fully avoid dust entering bearing lubrication part, which make sure the machine work normally.
6. Special feed opening structure makes it possible that center feeding and ring feeding comes together, in order to meet requirement of different stones. In addition, this equipment can not only crush stone, but also iron.
7. Shape of material-through device is better designed, which improve the utilization ratio.

Working Principle:

1. Center Feeding:

Raw material falls down into feed hopper, then enters impellor through central entrance hole. It is accelerated in high-speed impellor, then is thrown out at speed of 60-75m/s.

When hitting impact plate, it is crushed. Final products come downwards through outlet.

2. Ring Feeding:

Raw material falls down into feed hopper, then through ring, it is divided into two parts by material-dividing plate. One enters into impeller through the center of material-dividing plate. The other falls down from outside of material-dividing plate. Material, which is thrown out by impeller at speed of 60-75m/s, hits material coming down from outside of material-dividing plate. In this way, material is crushed.

Technical Data:

Model		VSI7611	VSI8518	VSI9526	VSI1140
Capacity (t/h)	Center and Ring feeding	120-180	200-260	300-380	450-520
	Center feeding	60-90	100-130	150-190	225-260
Max Feed Size (mm)	Soft material	<35	<40	<45	<50
	Hard material	<30	<35	<40	<45
Rotation speed (r/min)		1700-1890	1520-1690	1360-1510	1180-1310
Power for double motor (kW)		110-150	180-220	264-320	400-440
Overall Dimension L×W×H (mm)		3700×2150×2100	4140×2280×2425	4560×2447×2778	5000×2700×3300
Weight (t)		7.5	10.5	14	16
Power Source		380v 50Hz			
Vibrating Sensor		Inspect scope: 0.1-20mm/s adjusted continuously			
Lubrication hydraulic pressure station	Power for double oil pump	2×0.31kW			
	Safety	To make sure the supply of the oil with double oil pump; stop working without oil or hydraulic pressure; temperature falls when the water cools; start the motor by heating it in winter.			
	Power for oil box	2 kW			

Notice: Any change of Sand Making Machine technical data shall not be advised additionally.

Contact Us:

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