

SBM Vertical Shaft Impact Crusher - Cone Crusher



SBM Vertical Shaft Impact Crusher

Application:

SBM Vertical Shaft Impact crusher is designed by reputed German expert of Shibang and every index of SBM VSI crusher is in world's leading standard. SBM VSI crusher incorporates three crushing types and it can be operated 720 hours continuously. Nowadays, it has replaced hammer crusher, roller crusher, roller ball mill, etc. and become the mainstream equipment in sand making business.

Technological Advantages of SBM Vertical Shaft Impact Crusher:

SBM VSI crusher incorporates three crushing styles; its feeding style incorporates material on material, materials on iron and falling at sides. Customers can adjust the machines according to their own demand. SBM VSI crusher realizes multiple functions in one machine, which is a big breakthrough in sand making field.

Excellent performance and long service time:

- Special light oil lubrication systems ensures the temperature to be within 25 °C ;
- Brand new automatic protection device provides the machine with vibrating, oil filtering and warning system;
- New type oil filling system ensures the bearings and other transmission system are not abraded and prolong their service time;
- Choice wearable materials prolong the service time of the machine by 40%. So the cost is lowered by more than 40%.

Better quality and high efficiency:

- Better design of the impellers reduces the resistance of materials; high lightens passing through quantity of materials and crushing ratio, so the efficiency is raised by 30%-60% compared to traditional machines.
- Hydraulic system allows automatic uncovering, which reduces labor intense and makes maintenance easier.

-The mainframe adopts new techniques, which strengthens the machine structure and tenacity, and ensures stable performance. The quality of the machines is lift to a higher level.

-SBM VSI crusher employs world advanced light oil anti-leakage device. This saves the trouble of changing oil seal.

Specification of SBM Vertical Shaft Impact Crusher

Model		VSI7611	VSI8518	VSI9526	VSI1140
Capacity (t/h)	Feed both at center and at sides	120-180	200-260	300-380	450-520
	Feed at center	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(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)		7.8	10.3	16	25.6
Power supply		380V, 50HZ			
Vibrating sensor		detect range: 0.1-20mm/s continuous and adjustable			
Lubrication and hydraulic station	power	2*0.31KW			
	Safety assurance	Double oil pumps assure enough oil supply; automatic switch off with no oil stream or hydraulic strength; lower the temperature with cool water in summer; raise the temperature with motor in winter.			
	Overall dimension L*W*H (mm)		820*520*1270	820*520*1270	
	Power of oil tank heater	2KW			

Note: This specification is just for reference, any changes are subject to the products.