

SMAN-VSI

TERTIARY STAGE Vertical Shaft Impactor



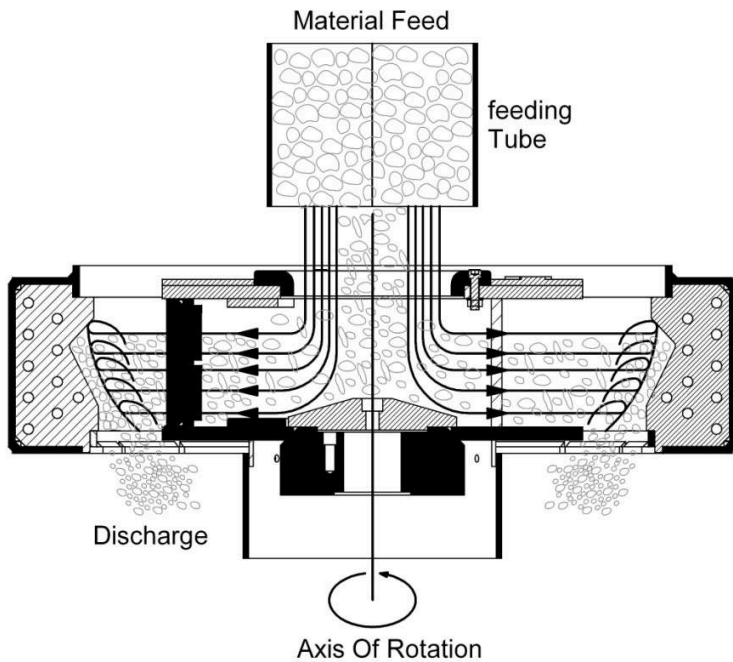
Tertiary stage machine suitable for

- Ready-Mix Concrete
- Artificial Sand
- Asphalt Mix
- Base Material for Road Work

SMAN-VSI

SALIENT FEATURES

- Ready to use structure. Quick installation, immediate operation (wheel mounted mobile option is also available)
- Variable production capacity for tertiary stage material.
- Rock on rock technology ensures minimum operating costs along with least wear & tear.
- Shape of output material is cubical & excellent for concreting.
- Low investment. Low downtime for replacement of parts & consumables.
- Easy retrofit option for conversion from Rock on rock to rock on metal .



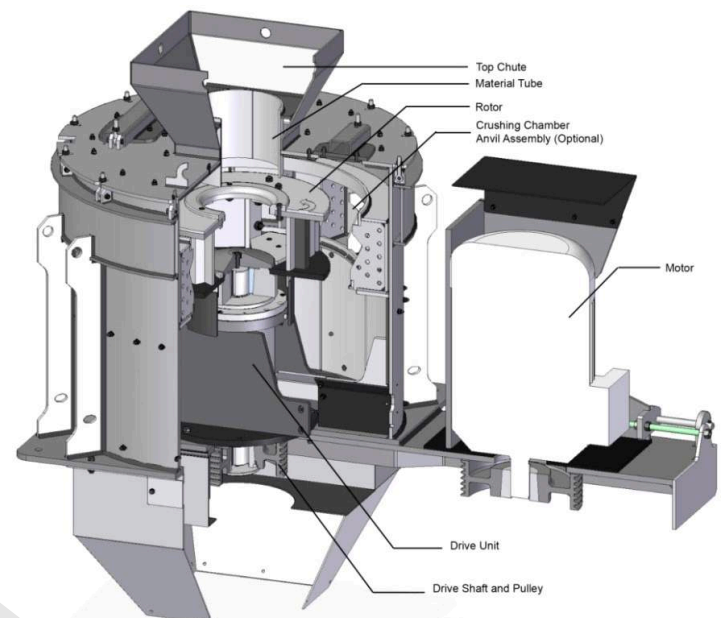
How It Works

The machine mechanism is simplified. The material to be crushed is dropped on top chute & goes through material tube on to centre of closed rotor. Material from rotor gets thrown with high centrifugal force as the rotor rotates on high rpm. When this material hits inside the Rock chamber assembly it gets shaped due to impact & depending on inertia of the material cubical shaped product falls freely due to gravity through the bottom chute.

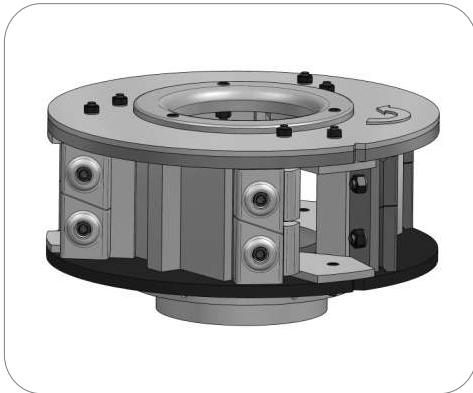
The natural way of impact & grinding of Rock on Rock results in shaping the particle like natural sand making it very close to natural sand.

Simplified Retro Fitment from Rock on Rock to Rock on metal

Rock on Rock To Rock on metal version can be easily converted by offering anvil Rings & Rock chamber combination which results in higher product yield. This simplified Retro fit can be easily & quickly installed on existing Rock on Rock model without changing the complete machine resulting in differing product needs.



Rotor Assembly



Rotor assembly includes high carbide tips & liners.

Automatic Electric Greasing Unit



Automatic Electric controlled greasing unit with timer setting for trouble free lubrications.

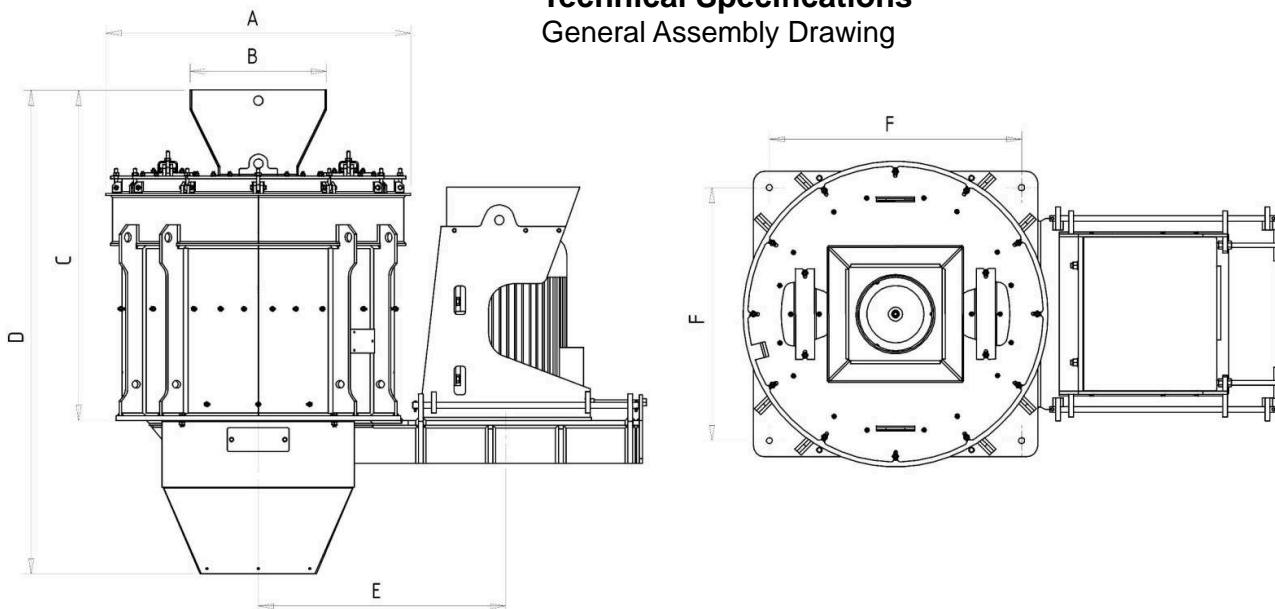
Vibration Sensor



Vibration sensor with auto shutdown to ensure the perfect balancing of the rotor assembly while in operation.

Technical Specifications

General Assembly Drawing



DIMENSION CHART

Model	A	B	C	D	E	F
SVSI-100	1600	720	1730	2535	1300	1325
SVSI-200	2100	920	1960	2800	1620	1800
SAVSI-300	1600	720	1730	2535	1300	1325
SAVSI-400	2100	920	1960	2800	1620	1800

SMAN VSI- specification

MODEL NO.	SVSI-100	SVSI-200	SAVSI-300	SAVSI-400
Max.size of feed(mm)	0-30	0-40	0-40	0-60
Rotor size	800	1000	800	1000
Power(kw)	90/110	200/370	200/370	370/450 (Double Motor)
Capacity(TPH)	80-120	200-350	120-200	280-450

All sizes are in mm

Capacities and other figures are indicative for materials with bulk density of 1.6t/m³. Actual results may vary depending on feed grading, rock type, moisture etc..



COMPANY PROFILE

Shakti Mining Equipment Pvt. Ltd. is based in Ambad, Nashik-India. Founded in 1986 and having expertise in reduction technology. Shakti manufactures autogenous Rock on Rock & Rock on metal Vsi Crushers for the reduction of hard and abrasive rocks & ores. Our machines serves the needs of construction materials and mining minerals producers. The product produced by our machines is cubicle ,well graded, sound, mid range aggregates and other fine sizes.

OUR PRODUCT RANGE:-



Complete screening & crushing solutions up to third stage.



Secondary Cone Crushers capacities ranging from 80-300 TPH



Tertiary Cone Crushers ready to use for iron ore application.



Tertiary Cone Crushers capacities ranging from 40-170 TPH



Feeders with different width & length suitable for capacity 80-300 TPH



Wheel mounted secondary & tertiary cone crushers.



HEAD OFFICE & PLANT- I :

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PLANT – II

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