

Vertical Shaft Impact crusher

Zenith VSI Crusher(Sand Making Machine) Range offers machines typically used in the third or fourth stage of crushing circuits. This provides the greatest flexibility of application for crushing machines in a wide variety of materials and circuits. Zenith Vertical Shaft Impact Crusher has better circuit balance and can be custom tailored to application, material condition, and desired final product size.



Zenith has developed a new Barmac Vertical Shaft Impact (VSI) crusher aimed at aggregate producers looking for a competitive edge. It is suitable for processing almost any competent, abrasive, friable or sticky material.

Shanghai Zenith Vertical Shaft Impact crusher — your competitive advantage:

The complete range of Shanghai Zenith Vertical Shaft Impact crusher incorporates rock-on-rock crushing technology that has revolutionized the aggregates and minerals industries worldwide.

The Shanghai Zenith rock-on-rock crusher offers the modern operator product grading control by optimizing numerous variables:

- Variation of rotor speed.
- Choice of crushing chamber cavity rings.
- Adjustment of cascade feed ratio.
- Selection of different diameter rotors.

Technical Data Of Vertical Shaft Impact Crusher:

Model	Max. Input Size(mm)	Power(kw)	Impeller Speed (r/min)	Capacity (t/h)	Weight (kg)
PCL-600	30	2x30	2000-3000	12-30	5600
PCL-750	35	2x45	1500-2500	25-55	7300
PCL-900	40	2x55	1200-2000	55-100	12100
PCL-1050	45	2x(90-110)	1000-1700	100-160	16900
PCL-1250	45	2x(132-180)	850-1450	160-300	22000
PCL-1350	50	2x(180-220)	800-1193	200-360	26000

Designed for low service requirements, ease of lubrication and continuous service, the Shanghai Zenith will readily fit into any existing or proposed crushing plant.

Reach New Heights with Shanghai Zenith Mineral Machine:

Higher capacity

VSI series of vertical shaft crushers are the solution for current and future operating conditions in which output and productivity demands are increasingly stringent. Our engineers have optimized machine layout to maximize compactness with a single drive shaft to make the machine even stronger and more powerful without unbalancing the rotor. A lot of effort has gone into redesigning the rotor to minimize wear while increasing crushing reduction factors and capacity. VSI series of vertical shaft crushers enable to achieve a higher reduction with fewer crushing stages, lowering your capital costs and saving energy.

Higher quality

Shanghai Zenith Minerals international reputation is based on crushing plant efficiency and quality. Shanghai Zenith vertical shaft crushers are firmly rooted in this tradition. On-going collaboration with many research laboratories has now made it possible to bring you state of the art technical innovations in terms of the durability of wear parts and the reliability of the mechanical components used in the crushers.

More applications

The strength of VSI impact crushers makes them ideal for every kind of application in many different configurations. VSI vertical

shaft impact crushers have demonstrated their effectiveness in many applications from crushing low abrasion materials to extremely abrasive products for industry.

Shanghai Zenith VSI features:

- Competitive capital cost, especially when compared with conventional crushing equipment.
- Low service and maintenance requirements along with minimum operating and wear costs.
- Rock-on-rock technology minimizes wear part requirements.
- Quick and easy installation. Crushers require minimum support structure and are also ideal as portables.
- Ability to control product grading, maximizing or minimizing fines production.
- Produces a product of superior cubical shape.
- More tolerant than conventional crushers to difficult feed conditions.
- Quick balance rotor which is easy to use and service.
- Simple, reliable grease lubrication.
- Range of models available to suit any capacity .

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Sand Making Machine Of Zenith Of China