

CV Series Vertical Shaft Impact Crusher



Features and Advantages

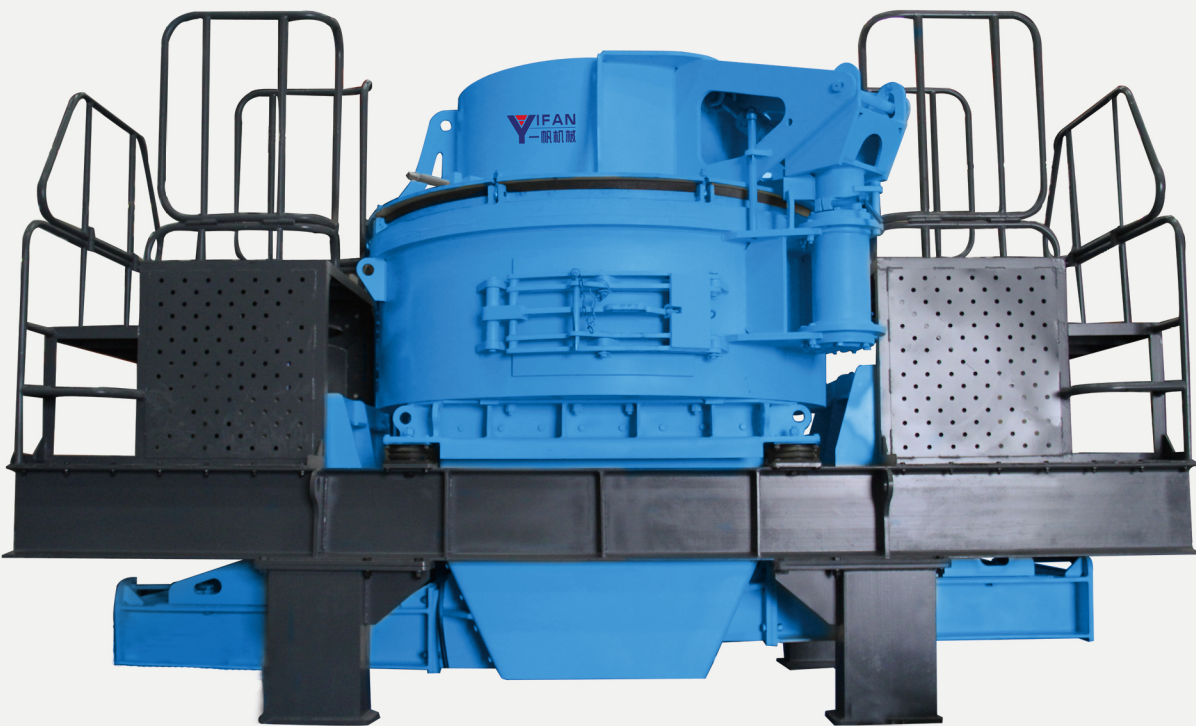
- Higher crushing efficiency, has the function of fine crushing and rough grinding.
- Increased rotor speed and higher crushing ratio, deep cavity rotor for larger capacity.
- Simple structure and convenient installation and maintenance, low operation cost.
- Optimized structure and energy-saving, more environmental protection.
- Thin oil lubrication, various of protection measures to decrease fault, high degree of automation and long service life.
- Good shape of final product, cubic shape, small fraction of elongated flake, suitable for aggregate shaping, manufactured sand.
- Oil lubrication is adopted, higher capacity.

Technical Data

CV Series Vertical Shaft Impact Crusher						Weight(kg)
Model	Speed of Rotor(r/min)	Max Feed Size(mm)	Capacity(t/h)(Central Feeding)		Motor Power(kw)	
CV826L	1881-2499	35	60-102	90-176	110	≤7055
CV826M			70-126	108-211	132	
CV826H			96-150	124-255	160	
CV830L	1630-2166	40	109-153	145-260	180	≤10000
CV830M			135-200	175-340	220	
CV830H			160-243	211-410	264	
CV833L	1455-1934	55	165-248	215-415	264	≤14020
CV833M			192-286	258-532	320	
CV833H			238-350	325-585	400	
CV843L	1132-1504	60	230-346	309-577	400	≤21040
CV843M			246-373	335-630	440	
CV843H			281-405	366-683	500	

CVU Series Vertical Shaft Impact Crusher						Weight(kg)
Model	Speed of Rotor(r/min)	Max Feed Size(mm)	Capacity(t/h)(Central Feeding)		Motor Power(kw)	
CVU826L	1881-2499	55	86-143	108-211	110	≤6955
CVU826M			98-176	124-253	132	
CVU826H			132-210	143-300	160	
CVU830L	1630-2166	65	150-212	162-310	180	≤9910
CVU830M			186-280	203-408	220	
CVU830H			220-340	245-480	264	
CVU833L	1455-1934	80	230-338	255-497	264	≤13820
CVU833M			268-398	296-562	320	
CVU833H			327-485	373-696	400	
CVU843L	1132-1504	100	305-467	362-678	400	≤21240
CVU843M			335-506	379-746	440	
CVU843H			375-540	439-800	500	

Note: 1. The capacity is total tons per hour passing through crusher at open circuit when crushing medium and below hardness material and bulk density with $1.6 \times 10^3 \text{ kg/m}^3$. Capacities are relative to physical character and type of feeding, feeding size and composition and so on.
2. CV/CVU can be selected according to your demand. CV means close impeller type, CVU means open impeller type.

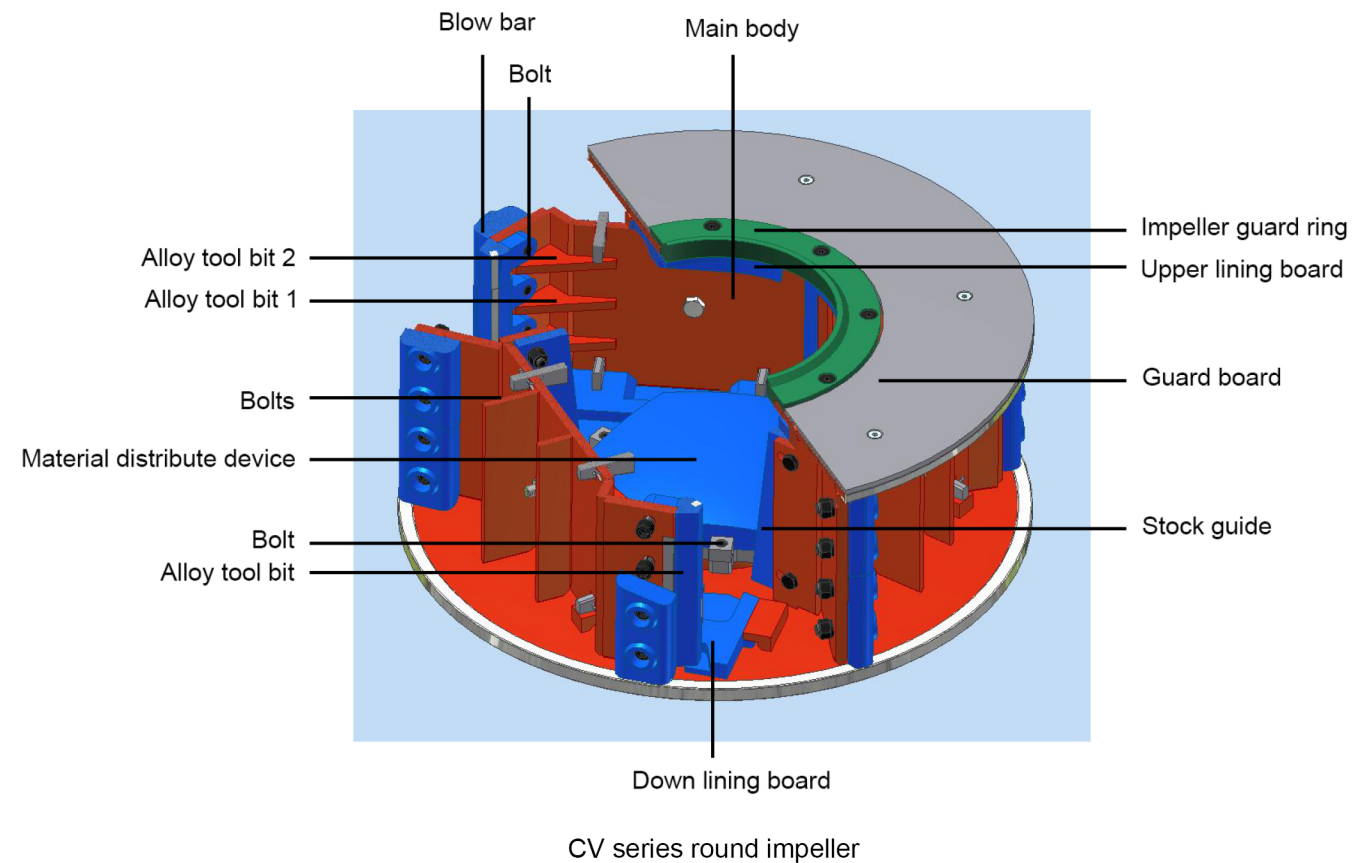


CV Series Vertical Shaft Impact Crusher
SINO-GERMAN JV HOLDING

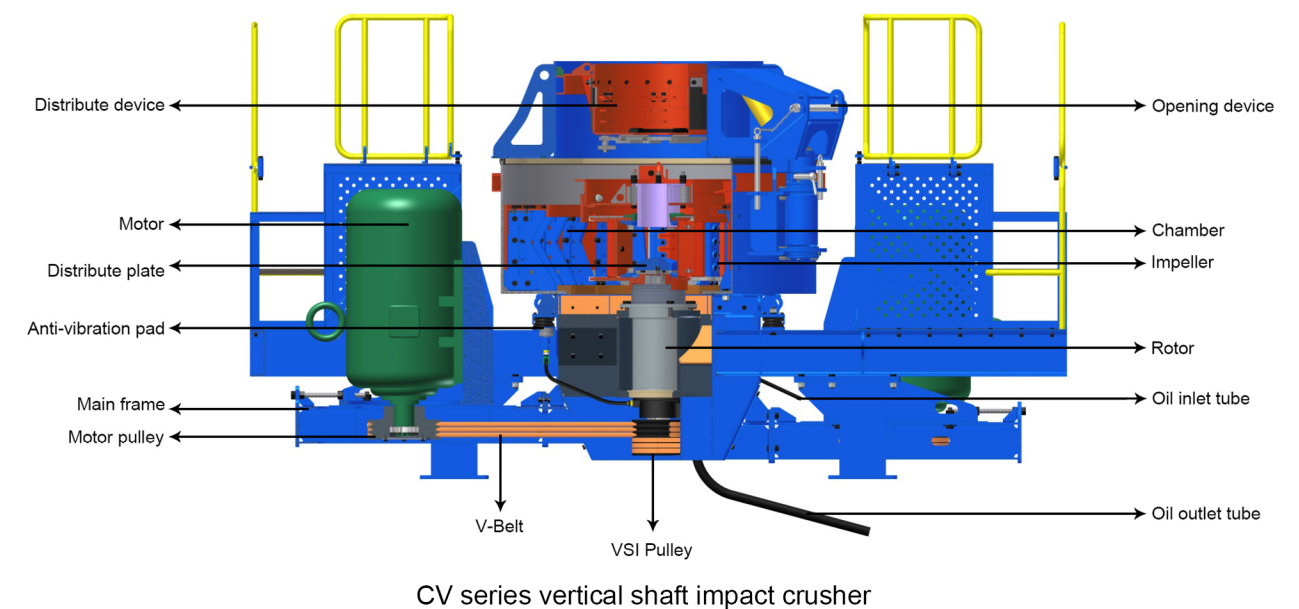


Add:Zhengyuan Rd,Xingyang,Zhengzhou Henan 450100,China
Tel:+86 371 64628852
Fax:+86 371 64628872
Website: www.yfcrusher.com
E-mail: sales@yfmac.com

Structure Drawing



Structure Drawing



Proprietary round impeller

Deep cavity structure allows higher throughput; special cutter head structure improves the utilization rate of alloy and extends maintenance cycle.

Thin oil lubrication rotor

It has wider scope of revolving speed compared to the traditional grease lubrication, which can better meet the different crushing demands; Patented sealed structure, no need to change the wearing parts like oil seal, free maintenance.

Perfect swap between ROR and ROA

Rock-on-rock has the features of low quick-wear part cost and uniform discharging grain shape, applicable to all types of stone materials, especially high abrasive materials; Rock-on-iron has the features of big crushing ratio and high sand ratio, applicable to medium abrasive materials. Its unique crushing cavity structure can perfectly realize the rapid swap between rock-on-rock-ROR and rock-on-iron-ROA.

Quick detachable platform design

Unique platform structure does not influence road transport. It is convenient to observe feeding situation maintain equipment as well as protect the motor from wind and rain.

Perfect particle shape

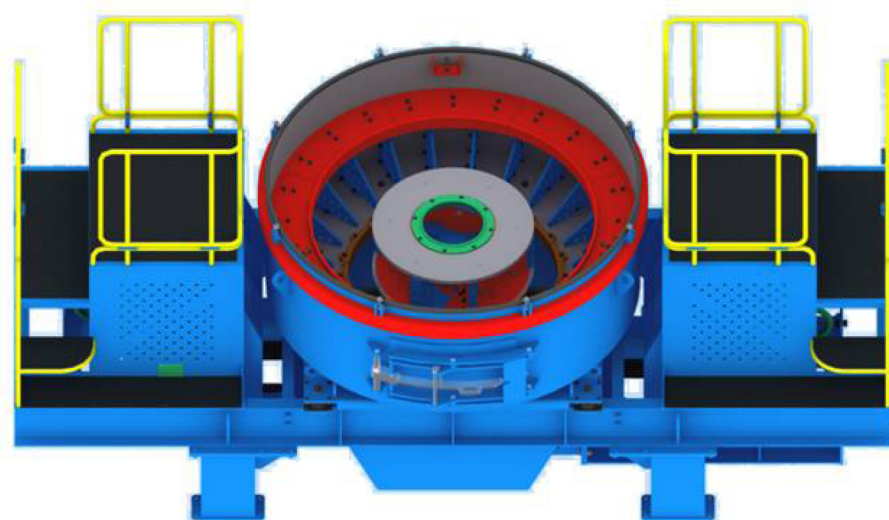
Based on the principle of high speed impact crushing, the particle shape is cubic and low needle flake content. So it is suitable for aggregate plastic and artificial sand making, for example, the processing of aggregate used in expressway.

High-quality, high reliability

Standard configuration Siemens joint venture brand motor; main bearing is famous brand, such as SKF, FAG, TWB, ZWZ. Lubrication station, wear-resistant parts are all famous brand over the world.

Hydraulic opening device

Quickly open the crushing cavity, easy maintenance and saving labor cost. It can be limited by the dowel pin both before and after opening so as to avoid accidents due to misoperation.



Rock-on-Rock

Application Scope:

All materials, especially high abrasive materials.

Application features:

The configuration of closed round impeller and Rock-on-Rock cavity has the features of rock-on-rock crushing, low cost of quick-wear part and good particle shape.