

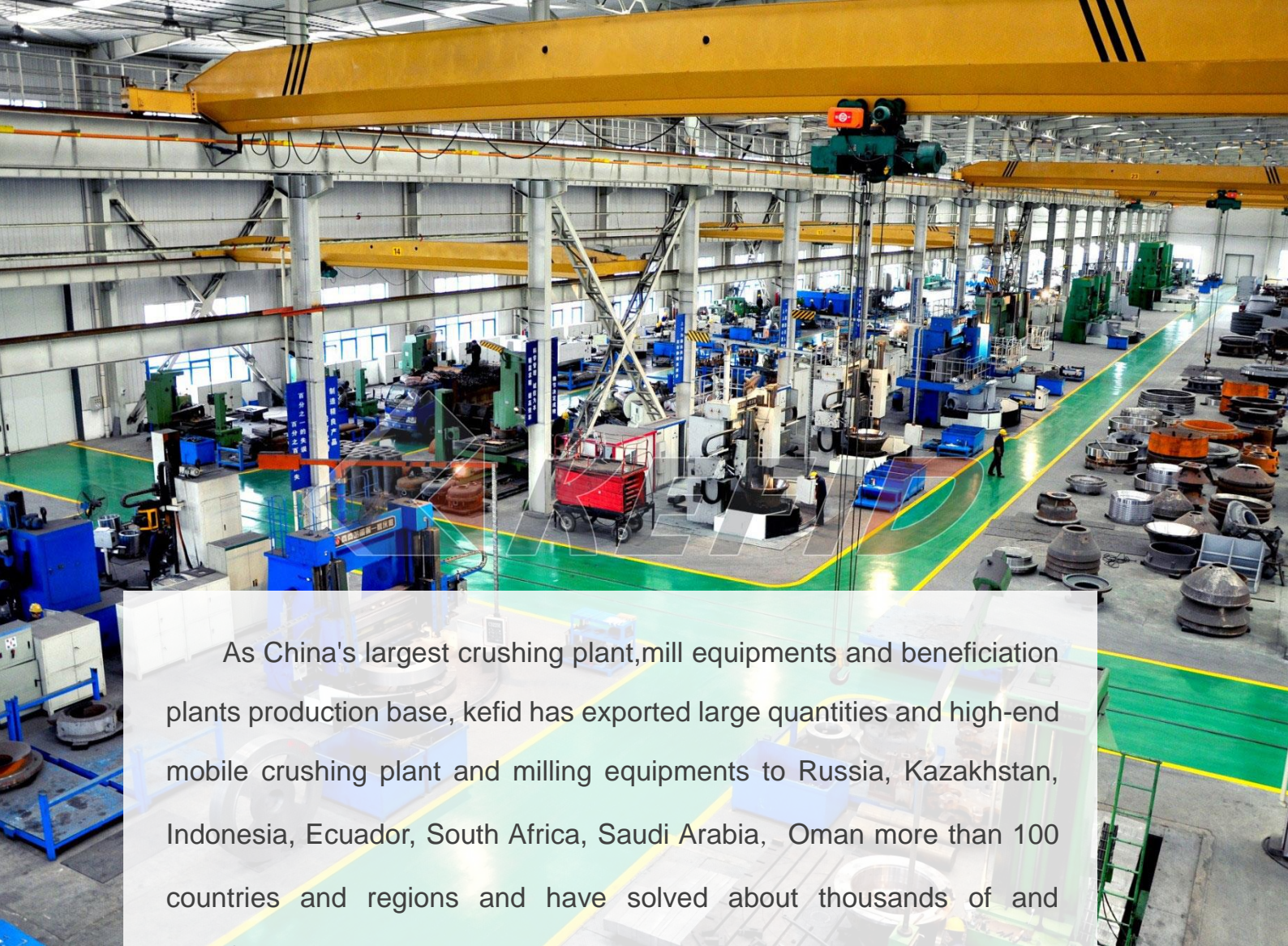


CS Cone Crusher

Reach new height with KEFID

- Adopting laminated crushing principle
- Protection device
- Reasonable combination of speed and stroke
- Bronze Bearing





As China's largest crushing plant, mill equipments and beneficiation plants production base, kefid has exported large quantities and high-end mobile crushing plant and milling equipments to Russia, Kazakhstan, Indonesia, Ecuador, South Africa, Saudi Arabia, Oman more than 100 countries and regions and have solved about thousands of and beneficiation projects all over the world, which has made tremendous contributions to the local construction, mining industry and developments.

CS cone crusher is a kind of high-efficiency spring cone crusher which applies advanced technology conception and strict analytical detection. The type of crushing chamber depend upon the size of feed and fineness of the crushed product. This crusher concentrates on the specialty of high-frequency, optimization of cavity-type, reasonable stroke. Because of good shape of final products, safety and reliable, low cost, this equipment is widely used in cement, construction aggregate, etc.



Better production size composition More stable heavy frame

1. High-performance. Combining optimal designing of chamber type with applying reasonable speed and stroke to make this kind of machine does more work with the same dynamic cone diameter. Therefore, this machine is of high-performance and manufacturing capacity compared with other cone crusher of the same type. Use laminated crushing principle, to make more cubic shape materials and less needle-like materials.



2. Good products size composition. The crusher applies for laminated crushing principle to make cubic shapes of final products stand for larger proportion. Acicular and flake shape products decrease and size fraction much more well-proportioned.



3. Good stability. If there is metal or other non-broken material come to the chamber, metal going through protection device will release it and then reset automatically. The protection device has fixed discharge opening returning point and the original discharge opening can returning back immediately after the metal goes through the crushing chamber.

4. Convenient Cleaning-up. If the crusher stops under loading condition, hydraulic cleaning system can clean up the crushing chamber quickly so that decrease the downtime.

5. High reliability. Adopting main shaft with big diameter , heavy main frame and separate automatic Control System of thin oil lubrication system, so that it guarantees robustness and reliable operation of the crusher.

6. Easy maintenance and operation. All parts can be disassembled from top and the upper side, so that fixed cone and dynamic cone can be disassembled easily. Under high shock and vibration environment, bronze Bearing can keep excellent bearing capacity and it is much more economic and easy for maintenance.

7. Low production costs. Due for big capacity, high reliability and easy maintenance, the production costs has been reduced greatly.



Secondary Mobile • Mobile Cone Crusher

Main Features

Add the adjustable function of vibrating screen installation angle, and strengthen the whole machine's production capacity.

Flexible and motorized parking function, and start the work mode quickly.

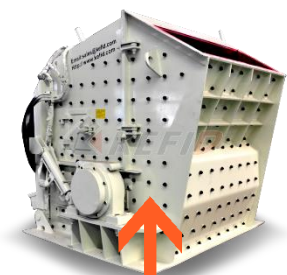
Possess the crushing unit interchangeable system and screening unit interchangeable system, satisfy different kind of production need.

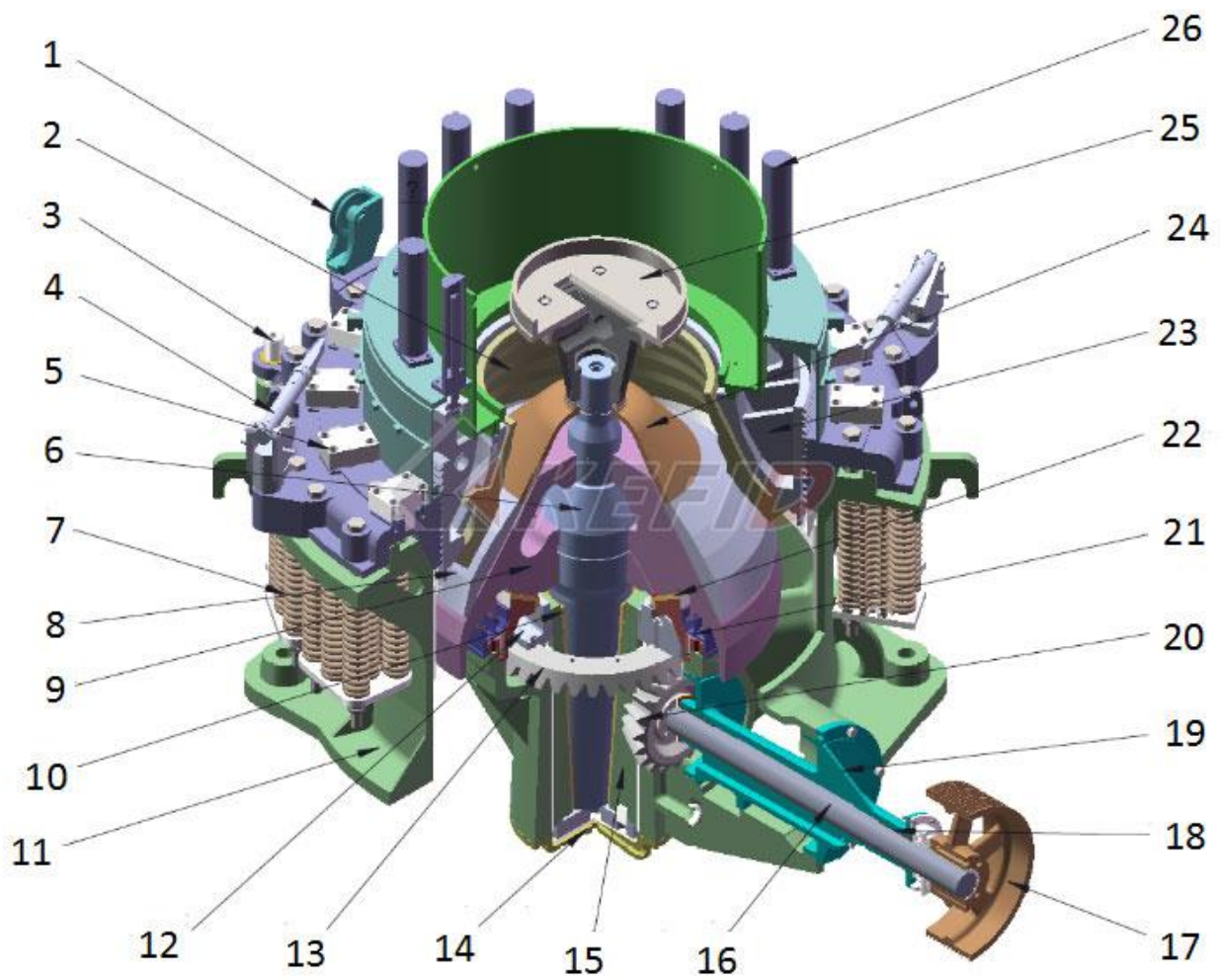
Anytime, anywhere, transformation and upgrade

Mobile Cone Crusher is another kind of mobile crushing unit, mainly to satisfy different requirement of final products. Cone crusher replaces impact crusher to produce much harder and fine stone or sand products.

Extended functions

Impact crusher and cone crusher interchange system: One automobile body is common used in multiple type of machine, crushing unit interchange system and screening unit interchange system, only need to invest on single machine, in a short time, crushing unit interchange system and screening unit interchange system used in the same automobile body can be come true in the mine site, all the system in the overall unit match perfectly.





- | | | |
|---------------------|---------------------------|-------------------------|
| 1- Pulley device | 10- Inner bushing | 19- Counter shaft frame |
| 2- Concave | 11- Frame | 20- Pinion |
| 3- Guide roller | 12- Counter weight plate | 21- Sealing ring |
| 4- Pushing cylinder | 13- Bevel gear | 22- Bowl liner |
| 5- Top cylinder | 14- Lower bottom | 23- Adjusting sleeve |
| 6- Main shaft | 15- Eccentric bushing | 24- Main shaft sleeve |
| 7- Spring | 16- Transmission shaft | 25- Distributing plate |
| 8- Mantle | 17- Belt pulley | 26- Locking plate |
| 9- Movable cone | 18- Counter shaft bushing | |

CS Cone Crusher Main Technical Data

Standard

Model	Dia. mm (inch)	Cavity	Feed Opening		Outlet Setting (mm)	Shaft Speed (r/min)	Power (kw)	Capacity (t/h)	Weight (t)	Dimension (mm)
			Closing Side (mm)	Open Side (mm)						
CSB75	900 (3')	Fine	83	102	9-22	580	75	45-91	15	2821×1880× 2164
		Coarse	159	175	13-38			59-163		
CSB160	1295 (4 1/4')	Fine	109	137	13-31	485	185	109-181	27	2800×2342× 2668
		Medium	188	210	16-38			132-253		
		Coarse	216	241	19-51			172-349		
CSB240	1650 (5 1/2')	Fine	188	209	16-38	485	220	181-327	55	3911×2870× 3771
		Medium	213	241	22-51			258-417		
		Coarse	241	268	25-64			299-635		
CSB400	2134 (7')	Fine	253	278	19-38	435	315	381-726	110	4613×3251× 4732
		Medium	303	334	25-51			608-998		
		Coarse	334	369	31-64			789-1270		

Short Head

Model	Dia. mm (inch)	Cavity	Feed Opening		Outlet Setting (mm)	Shaft Speed (r/min)	Power (kw)	Capacity (t/hour)	Weight (t)	Dimension (mm)
			Closing Side (mm)	Open Side (mm)						
CSD75	914 (3')	Fine	13	41	3-13	580	75	27-90	15	2821×1880×2 410
		Coarse	33	60	3-16			27-100		
CSD160	1295 (4 1/4')	Fine	29	64	3-16	485	160	36-163	27	2800×2342×2 668
		Medium	54	89	6-16			82-163		
		Coarse	70	105	10-25			109-227		
CSD240	1676 (5 1/2')	Fine	35	70	5-13	485	220	90-209	55	3917×2870×3 771
		Medium	54	89	6-19			136-281		
		Coarse	98	133	10-25			190-336		
CSD400	2134 (7')	Fine	51	105	5-16	435	315	190-408	110	4130×3251×4 454
		Medium	95	133	10-19			354-508		
		Coarse	127	178	13-25			454-599		

Note: Any change of CS Cone Crusher technical data shall not be advised additionally.

The Analysis of Large-scale Sand Production Line



Kefid **100TPH** cobblestone crushing line in Uzbekista



MATERIAL : cobblestone

FEEDING SIZE (MM) : 200mm

OUTPUT SIZE : 0-8mm,8-15mm

CAPACITY : 100T/H

EQUIPMENT : PE500X750, CSB75, 5X7615, 3YZS1860 ,
LSX920, GZG100-4, belt conveyor, electric box.

Kefid **200TPH** granite crushing line in Lebanon



MATERIAL : granite

OUTPUT SIZE : 0-5mm , 5-12mm , 12-25mm , 25-36mm

CAPACITY : 200T/H

EQUIPMENT : ZSW1300x4900Vibrating feeder、 PE900x1200Jaw
Crusher、 CSB160 Cone Crusher、 CSD160 Cone Crusher



The Strength of Kefid

Kefid Machinery is a leading and pioneering enterprise with the most advanced international level in R&D, manufacturing and selling of large-scale crushing & screening plants and beneficiation plants. Located in a historic city and transportation hub in central China-Zhengzhou, covering 140 thousand square meters, Kefid has Shangjie and High-tech zone two production bases. Shangjie Zone which covers 80,000 square meters has three heavy-duty and modern integrated assembling workshops--occupying 50,000 square meters; High-tech zone has 22 floors R&D Management laboratory building with 26,000 square meters, comprehensive equipments exhibition hall with 5,100 square meters, heavy-duty and modern integrated assembling workshop with 10,000 square meters, and also has the industry's most advanced machining workshop 20,000 square meters, and hundred sets of advanced large-scale vertical lathe, fixed lathe, planner, boring lathe, grinder and milling machines.



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SPARE PARTS

CS Cone Crusher



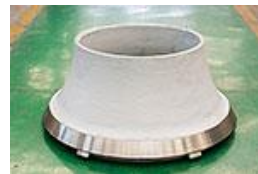
Mantle



Taper sleeve



Pressing cap



Bowl liner



Eccentric sleeve

Crushing Plant



Rotor Assembly



Liner Board



Hammer Bar



Wedge



Impact Plate

Sand-making Equipment



Circum Guard plate



Impact Plate



Impact Block



Hammer



wearproof Plate

PRODUCT LIST

Stationary Crushers

JC Series Jaw Crusher
Jaw Crusher
C6X Series Jaw Crusher
Primary Impact Crusher
CI5X Series Impact Crusher
Impact Crusher
CS Cone Crusher
Spring Cone Crusher
HPT Cone Crusher
Deep Rotor VSI Crusher
B Series VSI Crusher
VSI6S vertical shaft impact crusher

VU System Equipment

Dry Sand Making System
Dry-Mixed Mortar Sand Making Equipment
Concrete-Use Sand Making Equipment

Grinding Mills

Ultra Fine Vertical Grinding Mill
VM - Vertical Grinding Mill
European Tech. Grinding Mill
Micro Powder Mill
Raymond Mill
Ball Mill

Washing & Screening

F5X Heavy Vibrating Feeder
Screw Sand Washing Machine
Wheel Sand Washing Machine
Vibrating Feeder
Belt Conveyor

K series mobile plants

Primary mobile crushing plant
Mobile Secondary Crushing & Screening Plant
Independent Operating Combined Mobile Station
Fine crushing and screening mobile station
Fine crushing & washing mobile station
Three combinations mobile crushing plant
Four combinations mobile crushing plant

Crawler Mobile Crusher

Ore Beneficiation

Jaw Crusher
HPT Cone Crusher
Ball Mill
Rotary Kiln
Flotation Machine
High Gradient Magnetic Separator

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