Cl5X Series Impact Crusher

Reach new height with KEFID

- Multi-function hydraulic operating system
- The design of high-precision heavy rotor
- Adopting involute crushing cavity
- Introducing the principle of ergonomics
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.

CI5X series impact crushers is a new generation of primary and secondary impact crusher and the best solution for the large capacity production line, which is designed to meet the customers requirements for high yields, cost-effective, saving energy. CI5X series impact crushers bases on absorbing the advantages of the last generation products and integrates the latest scientific research achievements, like high-precision heavy rotor, involute crushing cavity, multi-function hydraulic operating system, etc, Which improves the performance of the product and adequately protects the profits of the customers.
CI5X Series Impact Crusher

New generation of primary and secondary impact crusher

1. Finite element analysis technology is adopted to reduce the weight of the crusher substantially and make transportation and installation more convenient.
2. The design of high-precision heavy-duty type rotor improves the capacity and rotating speed of rotor remarkably.
3. Adopting the design of multi-function hydraulic system realize intelligent control for frame, impact rack, output size and maintenance. Besides, the operation is much easier and operating rate is improved.
4. Efficient involute-shaped crushing chamber makes the efficiency higher and final product size well-distributed.
5. According to various working conditions, the crusher adopts wearable hammer and impact plate which ensures the equipment is in the optimal operation. The exact matching power for driving motors is adopted to reach the aim of cost optimized control.
Secondary Mobile Mobile Impact 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- Upper beam
2- Lower frame
3- Spindle Pulley
4- Rotor
5- Opening and closing devices
6- Impact frame
7- The second impact frame adjusting device
8- The first impact frame adjusting device
9- Upper frame
10- Liner Board device
## CI5X Series Impact Crusher Main Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications (mm)</th>
<th>Feed opening (mm)</th>
<th>Maximum feed size (mm)</th>
<th>Capacity (t/h)</th>
<th>Power (Kw)</th>
<th>Weight (t)</th>
<th>Dimension (mm)</th>
<th>Remark</th>
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<tbody>
<tr>
<td>CI5X1315</td>
<td>Φ1300×1500</td>
<td>1540×930</td>
<td>600</td>
<td>250-350</td>
<td>250</td>
<td>20</td>
<td>2880×2755×2560</td>
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<tr>
<td>CI5X1520</td>
<td>Φ1500×2000</td>
<td>2040×520</td>
<td>350 (700 )</td>
<td>400-600</td>
<td>2×250 (2×200)</td>
<td>30</td>
<td>3390×3520×2790</td>
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<td>76</td>
<td>4890×4380×4765</td>
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**Note**: The theoretical capacity mentioned above would change with different parameter and raw material.
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.

The Strength of Kefid
SERVICE-With Me: Enjoy your pleasant journey

Your profit is our greatest concern and your praise is the biggest compliment that we diligently strive for. Our aim is, with the core of service, tailored for you the most valuable products with comprehensive pre-sale, sale and after sale service.

Tel: 0086-371-67999255
Email: Sales@kefid.com

SPARE PARTS

Impact Crusher
- Rotor Assembly
- Liner Board
- Hammer Bar
- Wedge
- Impact Plate

Crushing Plant
- Weights for movable
- Fixed Jaw Plate
- Movable Jaw Plate
- Lining Board
- Wedge

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

#### VU System Equipment
- 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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**Address:** National HI-TECH Industry Development Zone, Zhengzhou, China.

**Tel:** 0086-371-67999255 (24 Hour) / 67988500

**Fax:** 0086-371-67998980  **Zip code:** 450001

**Email:** sales@kefid.com  **Web:** http://www.kefid.com