



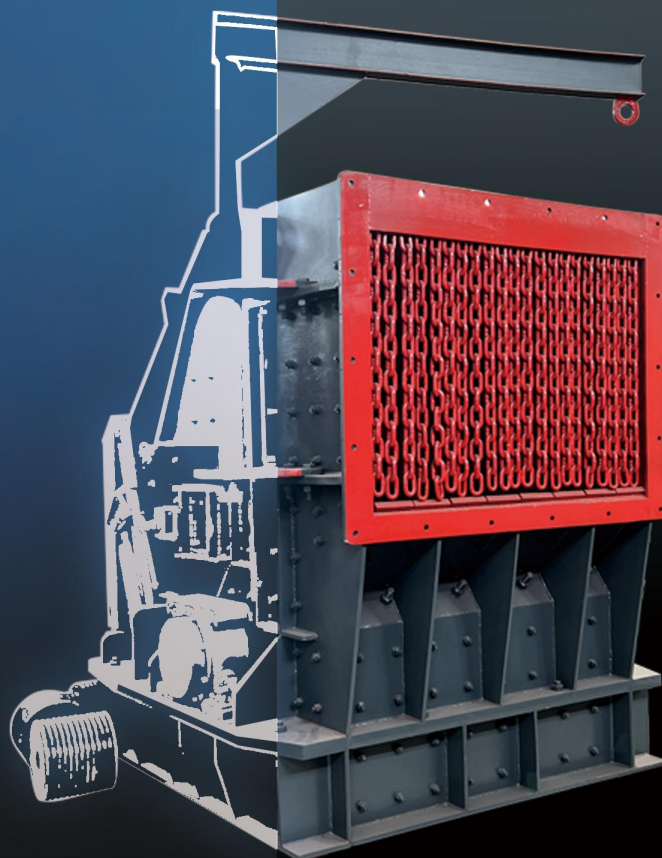
DING BO

# C15X Impact Crusher

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Capacity: 150-2000t/h  
Max. Input Size: 1300mm

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Craftsmanship  
Shape the reputation of trust



# Features

## **Latest Scientific Research**

CI5X Impact Crusher integrates latest scientific research achievements, which makes the crushing operation and maintenance reach a higher level.

**Higher Crushing Efficiency – Heavy-duty Rotor with Strong Rotary Inertia and High Precision**

CI5X Impact Crusher adopts the heavy-duty rotor with strong rotary inertia and high precision. Meanwhile, it is equipped with high-quality bearings, ensuring the precision and big holding capability of the rotor. So, further, materials can be fully crushed. The crushing ratio is bigger.

**Multifunctional Hydraulic Operational System Improving Working Efficiency**

CI5X Impact Crusher uses multifunctional hydraulic operational system which boasts high adjustment precision and high velocity. Meanwhile, the replacement and maintenance of hammer and impact blocks and the adjustment of discharging granularity get easier, which further cuts costs on labor and time.

**Involute Crushing Chamber Ensuring Shape of Finished Products**

The involute crushing chamber of CI5X Impact Crusher is efficient. Materials can be crushed several times inside the chamber. After crushing, finished products have good cubic shape which can better serve as high-quality aggregates.

**Sufficient Supply of Spare Parts, Worry-free Operation**

Dingbo is the manufacturer, we takes responsibility for every machine produced by ourselves. We can offer customers technical services about products and original spare parts to ensure the worry-free operation.



**Capacity:** 150-2000t/h

**Max. Input Size:** 1300mm

**Min. Output Size:** 20mm

### **Application**

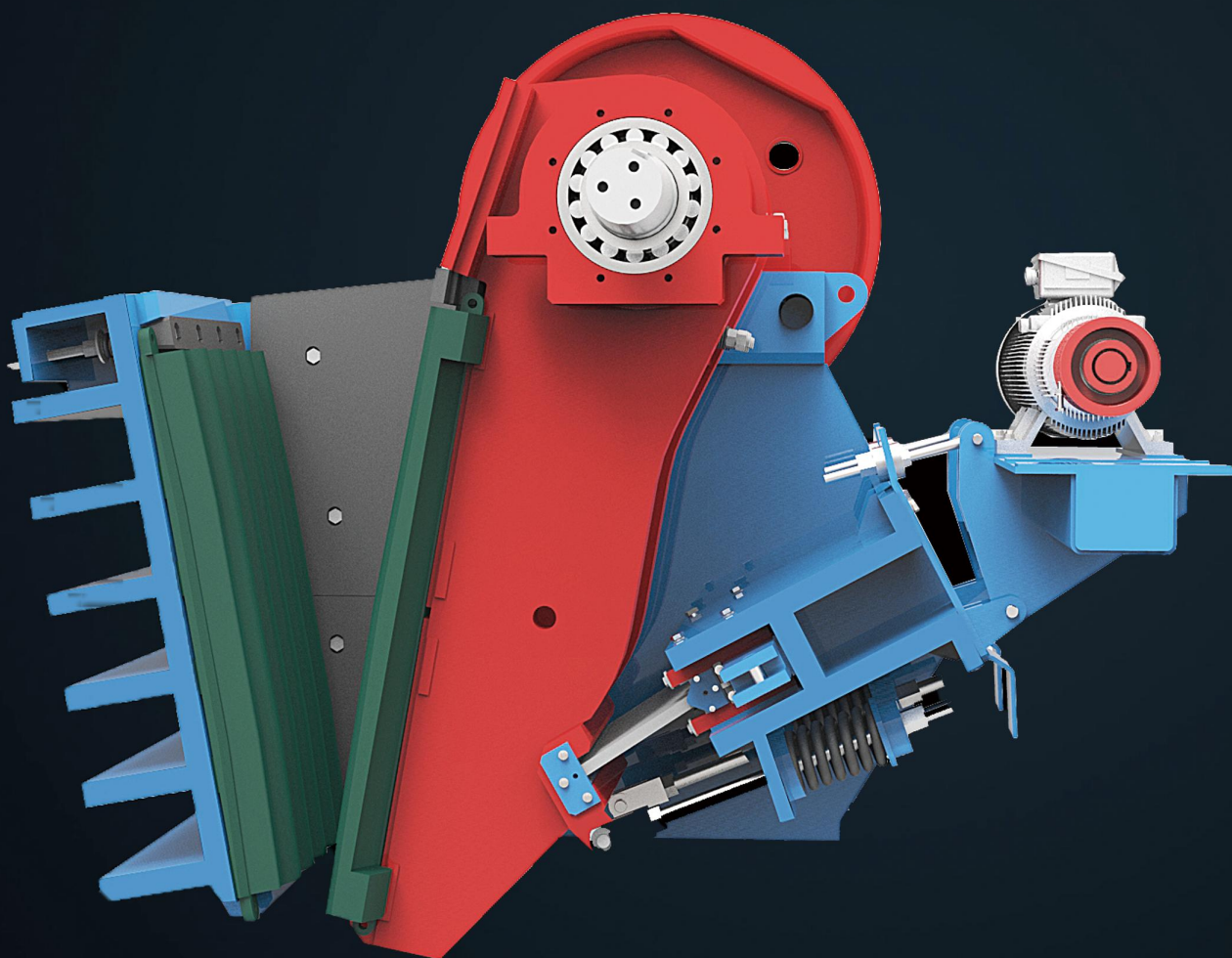
Popular among aggregates, highway construction, railway construction, airport building and some other industries.

### **Material**

Most kinds of rocks, metallic ores, and other minerals, such as granite, marble, basalt, iron ore, copper ore, etc.









# Technical Parameters

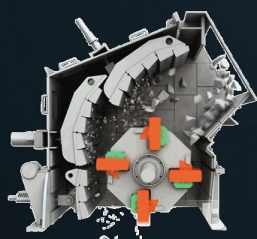
Model	Specifications(mm)	Feed opening(mm)	Max feed size(mm)	Capacity(t/h)	Power(kw)
CI5X1110	1100×1000	1020×820	500	150-200	160-200
CI5X1213	1200×1300	1320×880	550	200-300	200-250
CI5X1315	1300×1500	1540×930	600	250-350	250-315
CI5X1520	1500×2000	2040×995	400	400-600	400-500
CI5X1524	1500×2400	2516×767	400	500-700	560-630
CI5X1630	1600×2700	2740×787	400	600-900	710-800
CI5X1313	1300×1300	1320×1225	800	300-450	200-250
CI5X1415	1400×1500	1540×1320	900	350-550	250-315
CI5X1620	1600×2000	2040×1630	1100	500-900	400-500
CI5X2023	2000×2300	2310×1990	1300	1200-2000	1000-1260

**Notice:** Any change of technical data shall not be advised additionally.

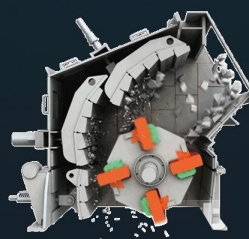


# WORKING PRINCIPLE

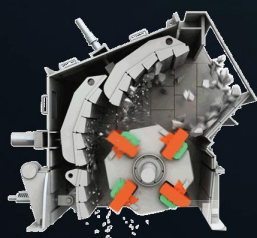
CI5X Impact Crusher breaks materials with impact force. When materials enter the working area of hammer, they may be crushed under the high-speed shock and then thrown onto the impact device above the rotor for another crushing. Next, materials bounce from the lining plate to the working area of hammer again. This process repeats continuously until materials reach qualified granularity and are discharged. Adjusting the gap between the impact rack and the rotor rack can change the granularity and shape of finished products. Behind the impact plate is a spring safety device. When unbreakable materials enter the crushing chamber, the impact rack goes backwards to discharge unbreakable materials out of the crusher.



Action 1



Action 2



Action 3



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