



## **HENAN KEXING HEAVY INDUSTRY CO., LTD.**

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Address: Zhongyuan District, Zhengzhou City, Henan Province, China

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### Small glass bottle crusher



#### **Overview of glass bottle crusher:**

Glass bottle crusher is widely used in crushing and recycle glass bottle. The main working part of glass bottle crusher is rotors with hammer. The rotors consist of main shaft, disk, pin shaft and hammers. The motor drives the rotors to rotate quickly in the crushing cavity. Raw materials enter the crusher through the feed opening and are stricken, impacted, cut and ground by the high-speed hammer to small size.

#### **Features of glass bottle crusher:**

- 01- High production and high crushing ratio.
- 02- Low power consumption, homogeneous particle size.
- 03- Simple, compact and light mechanical structure.
- 04- Low investment cost, easy management.

#### **Working Principle of glass bottle crusher:**

glass bottle crusher consists mainly of frame, rotor, hammers and grizzly bars and other components. The frame includes upper part and lower parts, which are welded by steel plates after cutting, the remaining parts bolted into one. High manganese steel liners are studded with inside the frame, to facilitate replacement for a new liners after worn; on the main shaft are installed several groups of the spindle distribution of the hammers, which consists of rotor with the axle of hammers and rotary table.

**Address: NO.266 Xisihuan Road    Headquarters: Zhengzhou City, Henan Province**

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**Web: <http://hnkexing.en.alibaba.com/> or <http://www.chinesecrusher.net/>**



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The host drives the main shaft through the motor and V-belt driven spindle to rotate the rotor, generating the centrifugal force, then driving all hammers stretch around. The bulks of material feed into the crushing chamber, will be crushed by the hammers at a high-speed movement.

The broken material requested will be passed the grizzly bars at the lower part and discharged, the unbroken rest will be left in the chamber to be crushed repeatedly by the hammers and iron plates until it can reach the requested standard. To avoid clogging, the water content of the material to be crushed not more than 5%.

### **Specification of glass bottle crusher:**



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