HC Series Impact Crusher

Shanghai Sanme Mining Machinery Co., Ltd. is a Sino-German JV holding company. By many years experience, Sanme has developed the HC Series Impact Crushers with world advanced level. The crushing chamber is optimized, the rotor is designed in heavy duty, and the fixing device of blow bar is improved to provide a higher reliability degree. Humanized design makes the maintenance more convenient.

The Andrew style HC Series Impact Crushers can be used in primary, secondary and tertiary crushing stages. They are mainly applied in the field of aggregates, cement and recycling industry.

1. Optimized crushing chamber, higher capacity
   The crushing chamber of HC series impact crushers is optimized, which obtains extra capacity, improves crushing reduction and lower your capital cost.

2. Bigger feed opening design, bigger material crushed
   By optimization, HC series impact crushers use enlarged feed opening design, which can crush bigger material. When crushing medium hard material e.g. Limestone, they can replace jaw crusher. Especially in crushing oversized concrete in the construction waste, they have more advantages.

3. Adding grinding cavity design (Optional), wide application
   With the design of grinding cavity, HC series impact crusher achieves bigger crushing ratio, lower discharge opening and excellent product shape. More choice for customers makes more application.

HC Series Impact Crushers are widely used in mining, metallurgy, building material and other industries.
Features and Benefits

Heavy rotor design and unique blow bar fixing system provide reliability.
HC series Impact crushers adopt heavy rotor design, which not only improves reliability, but also increases moment of inertia of rotor and capacity. The fixing of blow bar is improved to make the exchange easy and fixing reliable.

转子重命名设计，改进吹板固定方式，增加了可靠性。
HC系列反击式破碎机转子采用重命名设计，不仅提升了可靠性，还提高了转子的转动惯量，可以提高破碎机的处理能力；改进了风板的固定方式，使吹板的更换更方便，固定更可靠。

Reliable overload and tramp iron protection device
For the protection of the rotor body and blow bars, the HC series impact crushers optimize overload and tramp iron protection device. The impact aprons retract under excessive load. As soon as the load value returns to normal, the impact aprons resume its preset position, and operation continues without interruption.

可靠的安全和过铁保护装置
HC系列反击式破碎机为了保护转子主体和转子，优化了过载和过铁保护装置。反击板在过载的情况下可以回退，一旦过载值恢复正常，反击板会回到预设位置并正常工作。

Easy to maintain, high reliability and safety
The hydraulic power unit is used by HC series impact crusher for easy adjustment of setting. It is convenient for checking, maintaining and changing wear parts.

方便维护，安全可靠
HC系列反击式破碎机采用液压助力设计，大大方便调整机口，便于打开上机壳进入破碎机内部进行检查、检修和更换。

◎ 结构图 Structure Drawing

1. 转子体 Rear Frame
2. 反击衬板 Impact Riner
3. 反击架 Impact Rack
4. 风板 Liner
5. 进料口 Feed Opening
6. 机壳 Frame
7. 吹板 Blow Bar
8. 转子架 Rotor Support
9. 磨腔 (选装) Grinding Cavity(Optional)

◎ 外形尺寸 Overall Dimensions

◎ 粒度特性曲线 Gradation Curves
### Project Reference

#### Lafarge Project in Guizhou
**Impact Crusher**

#### Beijing Jinya Cement Plant
**Impact Crusher**

Impact crusher is producing aggregates.
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