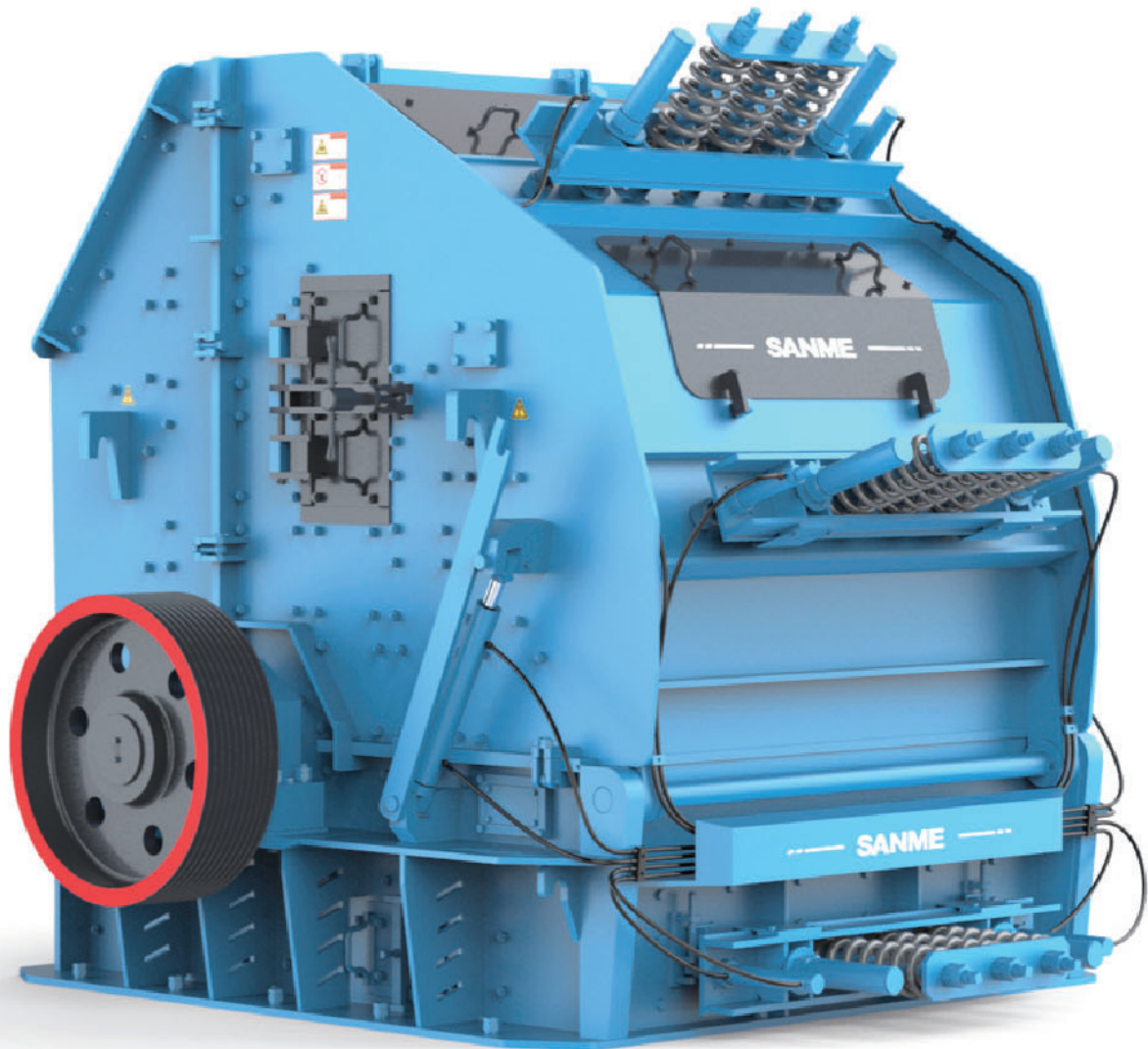




山美

# HC、E-HSI 系列 反击式破碎机

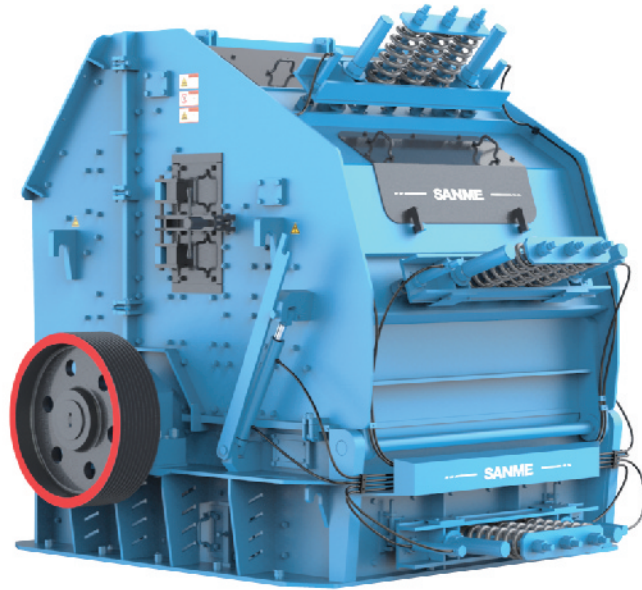
*HC, E-HSI Series Impact Crusher*



上海山美环保装备股份有限公司  
SHANGHAI SANME MINING MACHINERY CORP., LTD.  
(中德合资控股)  
(Sino-German JV Holding)

# HC系列反击式破碎机 (粗碎)

## HC Series Impact Crusher (Coarse Crushing)



上海山美股份积累多年经验研发的 HC 系列反击式破碎机对破碎腔、转子、板锤固定装置和调整装置等进行了优化设计和升级,使得设备的性能更高,操作维护更方便。

The HC series impact crusher developed by SANME has been optimized by upgrading the crushing chamber, rotor, hammer fixing device and adjusting device, which makes the performance of the equipment higher with the more convenient operation and maintenance.

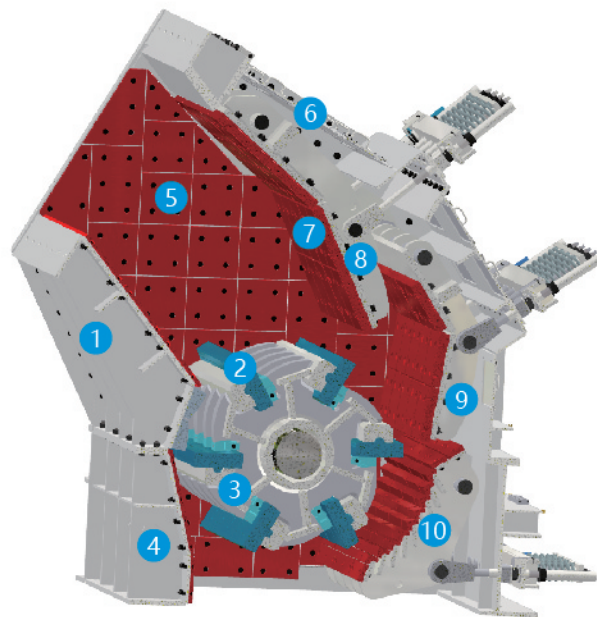
**适用物料:** 软岩、中硬岩的粗碎

**应用领域:** 砂石骨料加工、水泥行业的生料破碎、建筑固废资源化等领域。

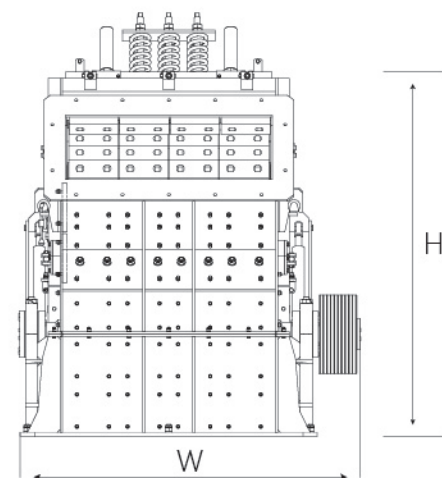
**Applicable materials:** Coarse crushing of soft and medium-hard rocks.

**Application areas:** Aggregate processing, raw material crushing in the cement industry, construction waste recycling etc.

### 产品结构 Product Structure Drawing



- |                     |                            |
|---------------------|----------------------------|
| 1 前壳体 Front Frame   | 6 后壳体 Back Frame           |
| 2 板锤 Blow Bar       | 7 反击衬板 Impact Liner        |
| 3 转子架 Rotor Support | 8 第一反击架 First Impact Rack  |
| 4 下壳体 Lower Frame   | 9 第二反击架 Second Impact Rack |
| 5 衬板 Liner          | 10 研磨架 Grinding Rack       |



### 设备特点与优势 Features and Advantages

#### 1 承载能力大,可替代颚式破碎机

HC 系列反击式破碎机经过优化设计,腔型优化设计,使得产量更大;大进料口设计,使得进料粒度更大。因而,在破碎软质和中等硬度物料时,HC 系列反击式破碎机可替代颚式破碎机。

Large load capacity so that can match jaw crusher

The HC series impact crusher is designed with optimized cavity shape for higher output and large feed opening for larger feed size. Thus, HC series impact crusher can replace jaw crusher when crushing soft and medium hard materials.

#### 2 性能更高

合理的破碎腔设计与高耐磨材料的完美结合,可显著提高 HC 系列反击式破碎机的生产能力和产品质量,降低生产成本和磨损件消耗。

改进后的板锤固定方式,使板锤的可靠性更高,更换更方便。

转子的重型化设计,可提高破碎比,降低能耗,延长使用寿命,设备性能更稳定。

Higher performance

HC series impact crusher's reasonable crushing cavity and high wear-resistant materials can significantly improve the production capacity and product quality while reducing production cost and wear parts consumption.

The improved hammer fixing method makes the hammer more reliable and easier to replace.

The heavy-duty rotor design can improve the crushing ratio, reduce energy consumption, extend the service life and make the equipment performance more stable.

#### 3 应用范围更广

HC 系列反击式破碎机可以通过增加研磨腔的设计,可实现大破碎比,并使得排料更小、产品粒形更优,给客户提供更多选择,扩大了应用范围。可选整体铸造反击架与焊接反击架,满足不同用户的需求。

Wider range of applications

The HC series impact crushers are designed with additional grinding chambers to achieve large crushing ratios, smaller discharge and better product shape, more options for customers and expanding the range of applications. It is available with both cast and welded impact frames to meet the different needs of customers.

#### 4 易于维护,安全可靠

HC 系列反击式破碎机采用液压助力设计,既可方便调排料口,又便于打开后壳体,进入破碎机内部进行检查、维修和更换。

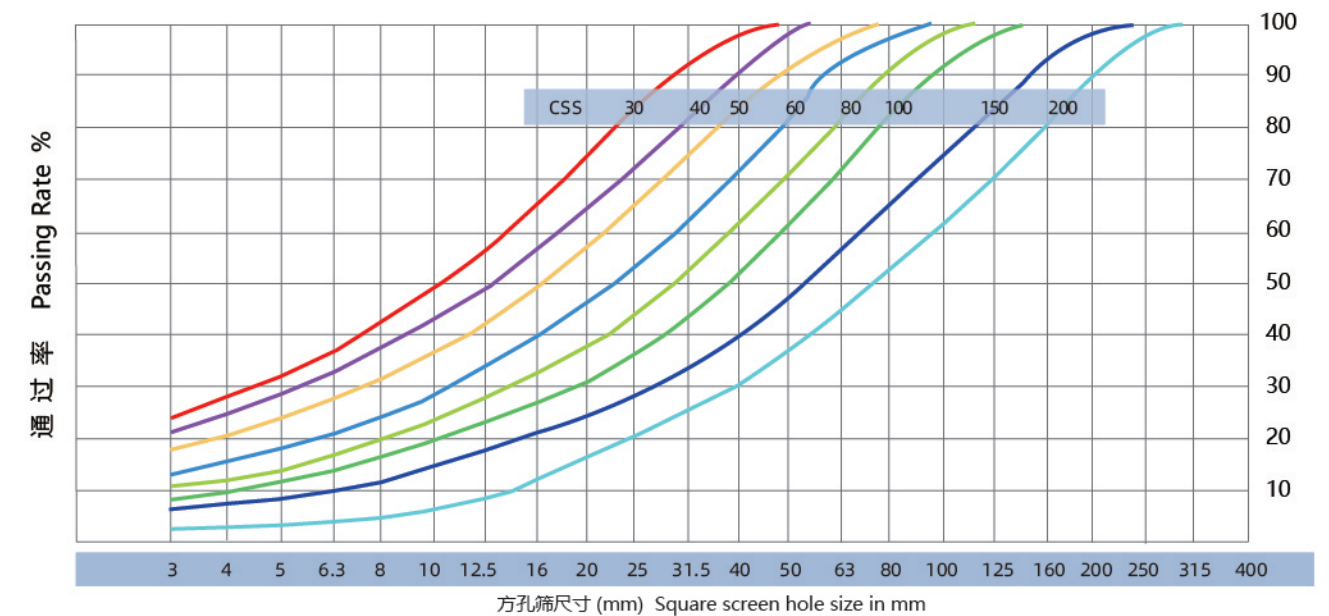
优化的过载和过铁保护装置,反击板在过载的情况下可以回缩,一旦载荷值恢复正常,反击板会回到预设位置并正常工作。

Easy to maintain, safe and reliable

The HC series impact crusher is designed with hydraulic assistance, which makes it easy to adjust the discharge opening as well as to open the back frame to access the crusher interior for inspection, maintenance and replacement.

Optimized device to prevent overload and iron pieces so that the impact plate can retract in case of overload, and once the load value returns to normal, the impact plate will return to the preset position and work normally.

### 产品粒度曲线 Gradation Curves



# HC系列反击式破碎机 (粗碎)

## HC Series Impact Crusher (Coarse Crushing)

### 技术参数 Technical Data

型号 Model	最大进料边长 Max Feeding Size(mm)	通过量 Throughput(t/h)	电机功率 Motor Power(kw)	外型尺寸(最大尺寸) Dimension(L×W×H)(mm) (the biggest size)
HC128	400	40-70	37-55	3115x1600x2932
HC139	400	50-80	55-75	3060x2048x2935
HC239	600	100-180	110-132	3095x2048x2970
HC255	600	100-290	132-200	3095x2398x2970
HC359Ⅱ	750	180-350	200-280	3415x2666x3127
HC459	750	220-450	250-315	3717x3020x3301
HC579	900	300-550	400-500	3552x3547x3231
HC679	900	400-700	560-630	4019x4064x3652
HC779	1100	600-900	630-900	4785x4338x4849
HC798	1100	750-1100	900-1100	4786x4851x4859
HC898	1200	1000-1500	1100-1400	5355x5345x5454
HC8118	1300	1500-2000	1400-1800	5355x5945x5454
HC8138	1300	1800-2500	1600-2200	5348x5527x5454
HC998	1250	1200-1500	1250-1600	5670x5410x5795
HC9118	1350	1450-1950	1600-2000	5670x6015x5795
HC10118	1400	1750-2250	1800-2240	6120x6192x6268
HC10138	1500	2000-2600	2240-2500	6120x6775x6268
HC10158	1500	3600-4000	2800-3200	6120x7210x6280

注： 研磨腔为选装。  
所列破碎机的生产能力是基于中等硬度岩石的瞬时取样测定结果。以上数据仅供参考，具体项目的设备选型请联系我们的工程师。

**Note:** Grinding cavity is optional.  
The crusher capacities listed are based on instantaneous sampling of medium hardness rocks. The above data is for reference only, please contact our engineers for equipment selection for specific projects.

### 技术参数 Technical Data

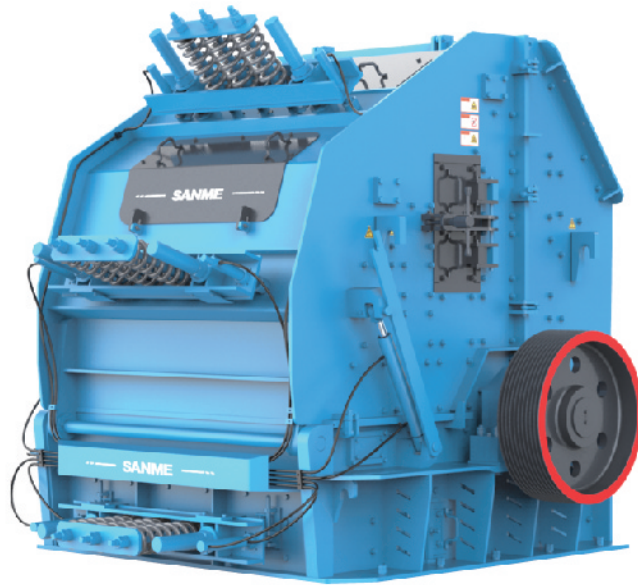
型号 Model	最大进料边长 Max Feeding Size(mm)	通过量 Throughput(t/h)	电机功率 Motor Power(kw)	外型尺寸(最大尺寸) Dimension(L×W×H)(mm) (the biggest size)
HC239	200	180-330	110-132	3095x2048x2970
HC255	200	220-400	132-200	3095x2398x2970
HC359Ⅱ	250	280-460	200-280	3415x2666x3127
HC459	250	300-520	250-315	3717x3020x3301
HC579	300	400-700	400-500	3552x3547x3231
HC679	300	500-800	560-630	4019x4064x3652
HC779	400	800-1200	630-900	4785x4338x4849
HC798	400	1000-1400	900-1100	4786x4851x4859
HC898	450	1400-1800	1100-1400	5355x5345x5454
HC8118	500	1700-2100	1400-1800	5355x5945x5454
HC8138	500	2100-2850	1600-2200	5348x5527x5454
HC998	450	1550-2000	1250-1600	5670x5410x5795
HC9118	600	1900-2300	1600-2000	5670x6015x5795
HC10118	600	2100-2600	1800-2240	6120x6192x6268
HC10138	650	2500-3100	2240-2500	6120x6775x6268
HC10158	650	4200-5000	2800-3200	6120x7210x6280

注： 研磨腔为选装。  
所列破碎机的生产能力是基于中等硬度岩石的瞬时取样测定结果。以上数据仅供参考，具体项目的设备选型请联系我们的工程师。

**Note:** Grinding cavity is optional.  
The crusher capacities listed are based on instantaneous sampling of medium hardness rocks. The above data is for reference only, please contact our engineers for equipment selection for specific projects.

# E-HSI欧星系列反击式破碎机 (中细碎)

## E-HSI Series Impact Crusher (Medium and Fine Crushing)



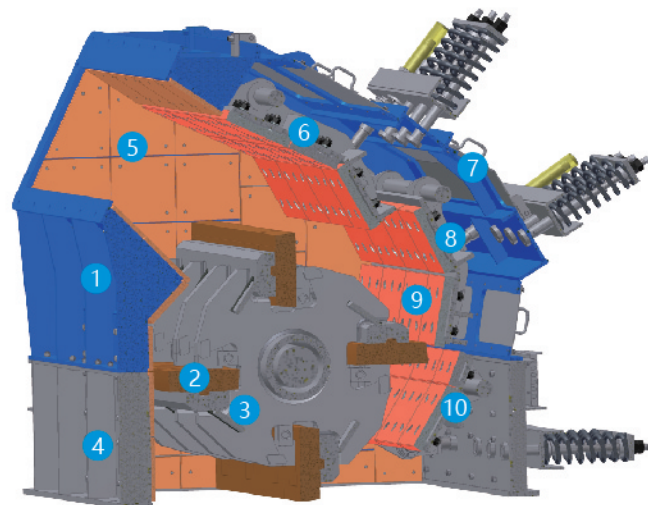
E-HSI 欧星系列反击式破碎机采用细碎腔型、科学转子和独特板锤设计, 产量更高、成品率更高、设备可靠性更高, 维修更方便。

The E-HSI series impact crusher adopts fine crushing cavity, scientific rotor and unique plate hammer design for higher output, yield, and equipment reliability with easier maintenance.

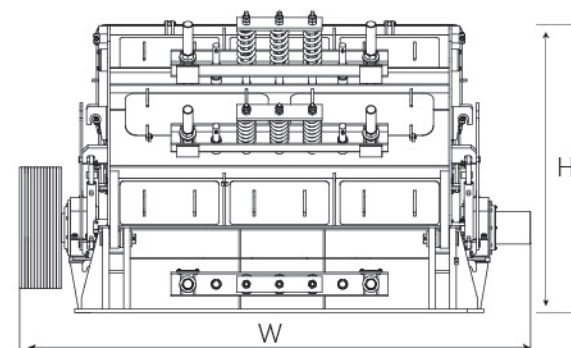
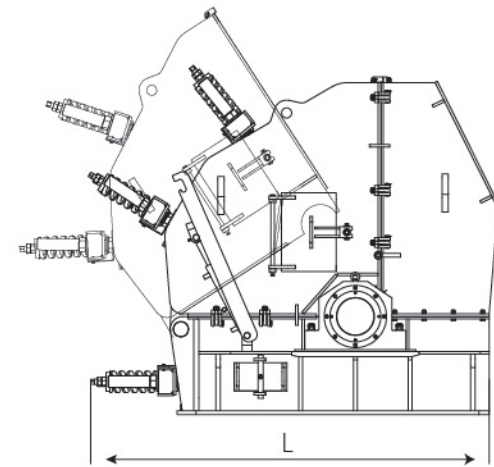
**适用物料:** 软岩、中硬岩的中碎和细碎  
**应用领域:** 砂石骨料加工、水泥行业的生料破碎、建筑固废资源化等领域

**Applicable materials:** Medium and fine crushing of soft and medium-hard rocks.  
**Application areas:** Aggregate processing, raw material crushing in the cement industry, construction waste recycling etc.

### 产品结构 Product Structure Drawing



- 1** 前壳体 Front Frame
- 2** 板锤 Blow Bar
- 3** 转子架 Rotor Support
- 4** 下壳体 Lower Frame
- 5** 衬板 Liner
- 6** 第一反击架 First Impact Rack
- 7** 后壳体 Back Frame
- 8** 第二反击架 Second Impact Rack
- 9** 反击衬板 Impact Liner
- 10** 研磨架 Grinding Rack



### 设备特点与优势 Features and Advantages

#### 1 独特的腔型设计

细碎腔型设计, 增加物料碰撞次数, 同时配置第三腔, 产品粒形优异、通过量更大, 成品率更高。

##### Unique cavity design

The fine crushing cavity increases the number of material collisions, while the third cavity is equipped with excellent particle shape, larger throughput and higher product yield.

#### 4 独特板锤设计

独特的板锤锁紧装置, 与加工后的板锤结合更加紧密, 更安全, 板锤更换更加简单、方便、快捷。

##### Unique Hammer Design

The unique blow bar locking device is more closely and safely combined with the processed blow bar. The replacement of blow bar is simpler, more convenient and faster.

#### 2 科学转子设计

有限元受力分析, 具有结构合理、强度高、运行平稳, 转动惯量大等特点。

##### Scientific Design of Rotor

Finite element force analysis has the advantages of reasonable structure, high strength, stable operation and large moment of inertia.

#### 5 标准化衬板设计

互换性强, 减少用户备件种类和库存, 更换更加容易。

##### Standardized Liner

Strong interchangeability helps to reduce the types and inventory of spare parts for users, and making replacement easier.

#### 3 合金钢主轴设计

主轴采用无键设计, 胀套连接方式, 使设备运转更可靠, 后期维护更加简便。

##### Alloy Steel Design of Shaft

The shaft adopts keyless design and expansion sleeve connection, which makes the equipment operation more reliable and easier maintenance.

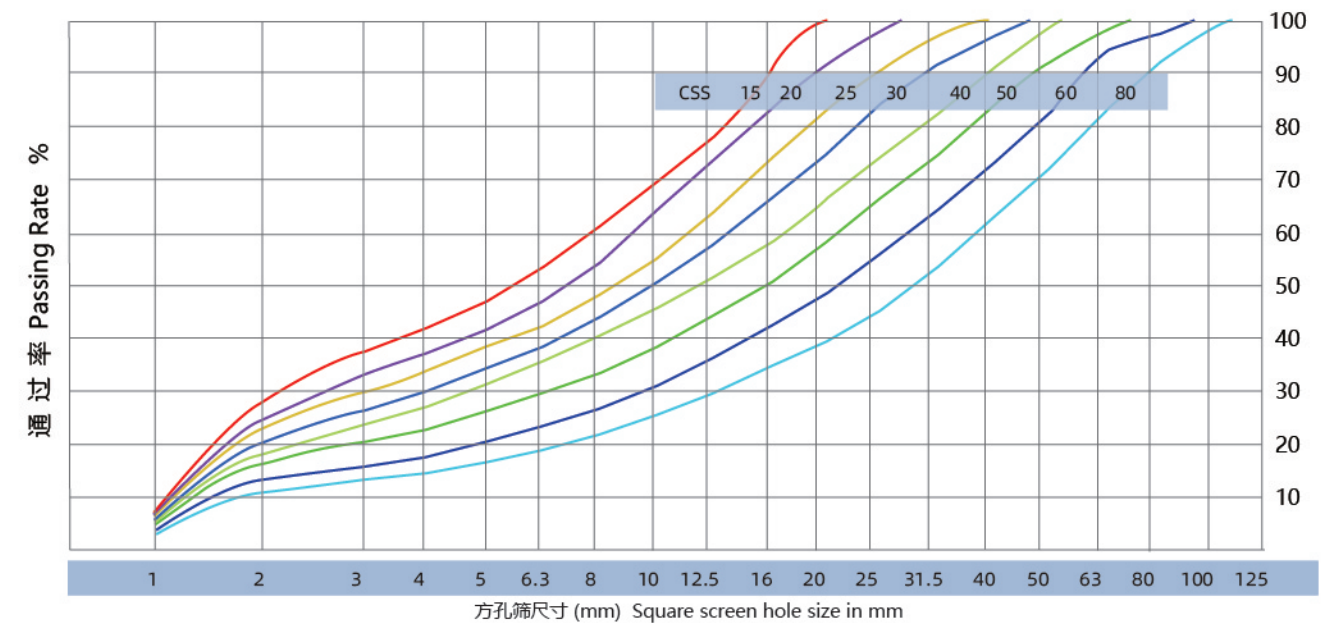
#### 6 液压装置设计

既能方便用户轻松打开机架, 更换零部件, 又能对反击架排料口调节后壳体。

##### Hydraulic Unit Design

It not only facilitates users to easily open the frame and replace parts, but also adjusts the back frame to the discharge port of impact rack.

### 产品粒度曲线 Gradation Curves



### 技术参数 Technical Date

型号 Model	最大进料边长 Max Feeding Edge(mm)	通过量 Throughput(t/h)	电机功率 Motor Power(kw)	外型尺寸 (最大尺寸) Dimension(L×W×H)(mm) (the biggest size)
E-HSI127	180	40-120	55-110	2261*1664*1865
E-HSI139	180	70-150	75-160	2295*2020*1865
E-HSI153	180	100-200	90-200	2330*2450*1865
E-HSI255	200	130-250	160-250	3000*2800*2850
E-HSI359	250	180-300	220-315	3210*3030*2720
E-HSI379	300	240-460	250-355	3210*3530*2720
E-HSI459	400	250-450	250-355	3340*3070*2780
E-HSI498	400	330-560	450-500	3340*4070*2780
E-HSI579	450	320-550	400-500	3420*3670*2850
E-HSI598	450	400-685	500-630	3420*4170*2850
E-HSI5118	450	480-800	560-710	3420*4670*2850
E-HSI679	500	400-720	500-630	3530*4350*3080
E-HSI6118	500	600-1000	800-1000	3530*5215*3080
E-HSI779	500	550-950	630-900	3950*4410*3822
E-HSI798	500	700-1400	800-1100	3950*4880*3822
E-HSI7138	550	900-1700	1100-1400	3950*5830*3822

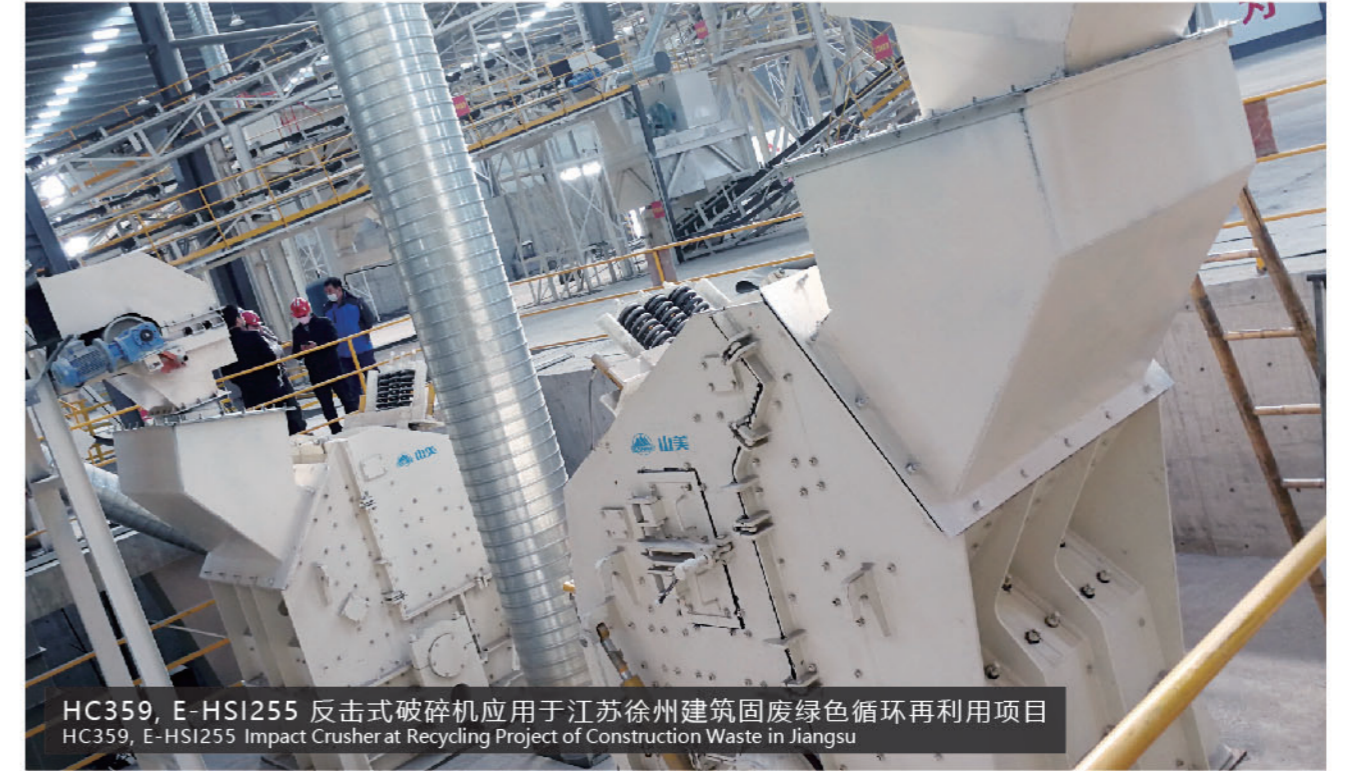
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**Note:** Grinding cavity is standard.  
The crusher capacities listed are based on instantaneous sampling of medium hardness rocks. The above data is for reference only, please contact our engineers for equipment selection for specific projects.





HCP579反击式破碎机应用于河南郑州建筑固废资源化项目  
HCP579 Impact Crusher at Recycling Project of Construction Waste in Henan



HC359, E-HSI255 反击式破碎机应用于江苏徐州建筑固废绿色循环再利用项目  
HC359, E-HSI255 Impact Crusher at Recycling Project of Construction Waste in Jiangsu



HCP459A反击式破碎机应用于山东日照机制砂生产项目  
HCP459A Impact Crusher at Aggregate Production Project in Shandong



E-HSI255、E-HSI239反击式破碎机应用于江苏盐城建筑固废资源化项目  
E-HSI255, E-HSI239 Impact Crusher at Recycling Project of Construction Waste in Jiangsu



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