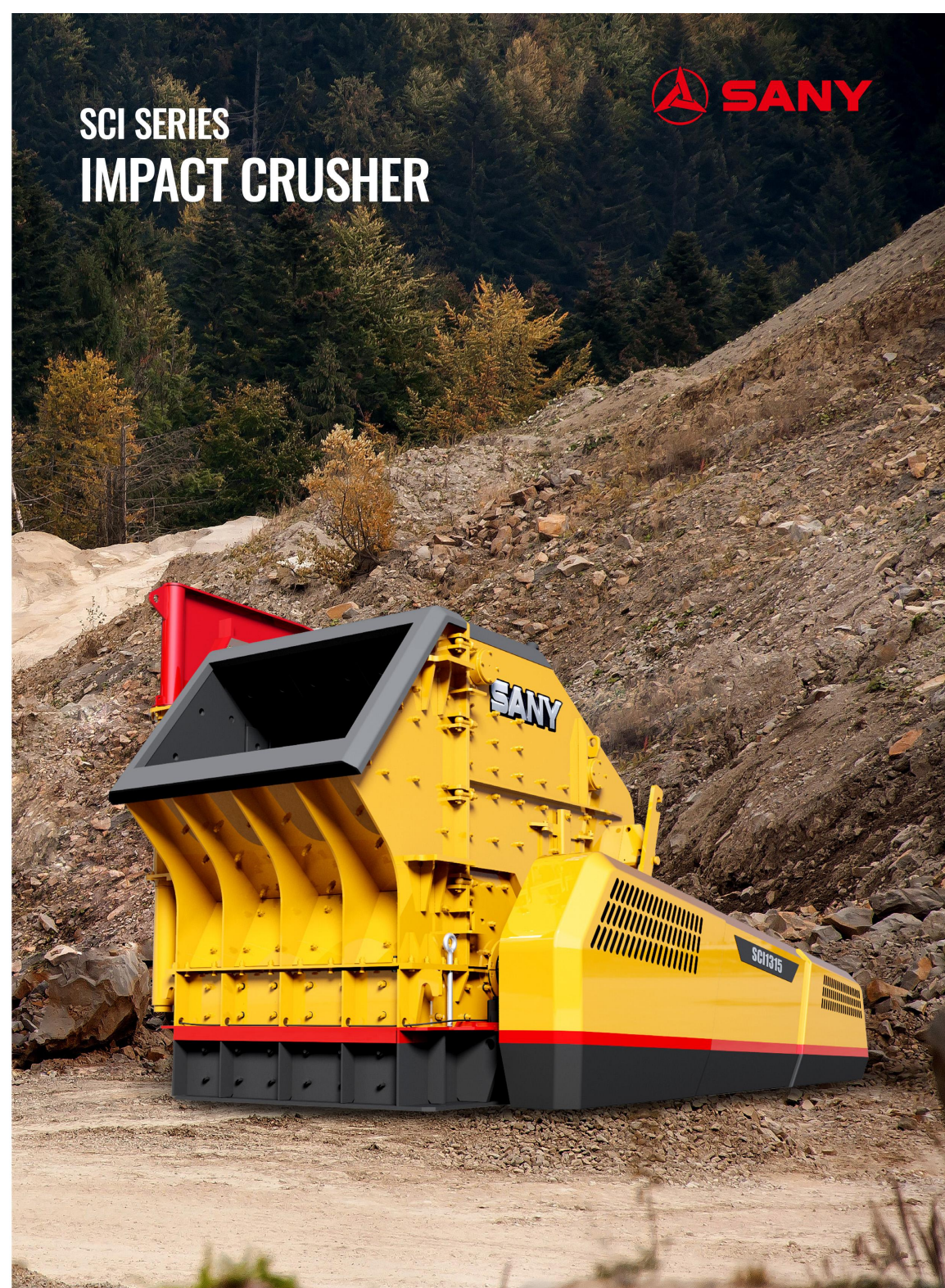




SCI SERIES IMPACT CRUSHER



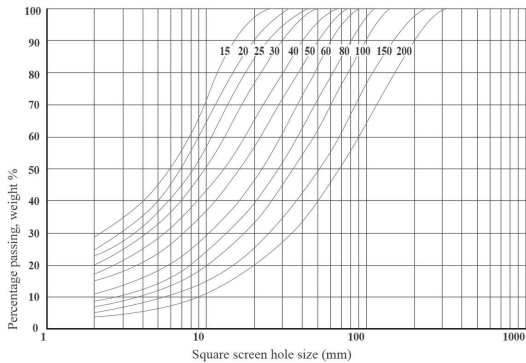
SANY CONSTRUCTION TECHNOLOGY CO., LTD.

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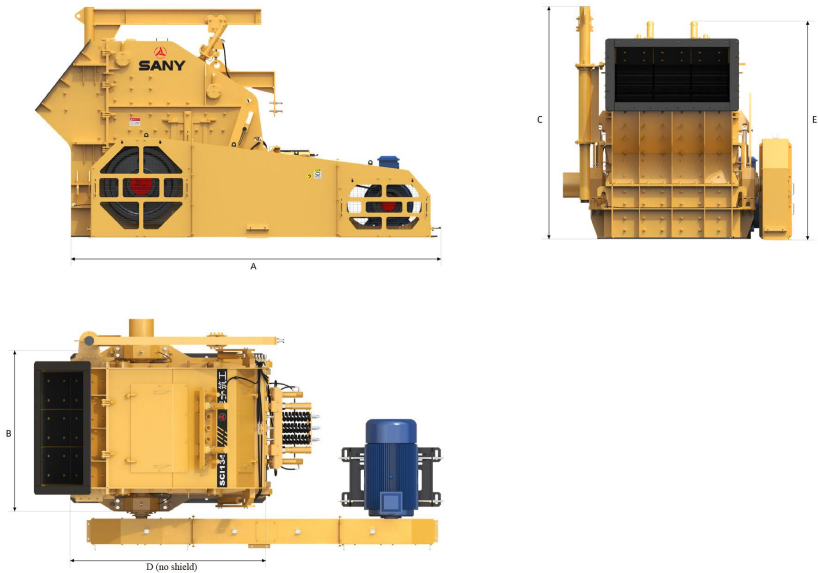
The technical parameters, configurations and industrial painting are subject to change for continuous technical updates without prior notice. Machines on the pictures may include auxiliary equipment. This brochure is for reference only, and the real objects should be considered as final.
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Curve of Crushing Particle Size



Dimensions



| Dimension | SCI1315 | SCI1520 | SCI1524 | SCI2023 |
|-----------|---------|---------|---------|---------|
| A | 5126 | 5150 | 5150 | 6150 |
| B | 2020 | 2660 | 3060 | 2960 |
| C | 3142 | 4340 | 4340 | 5315 |
| D | 2640 | 2660 | 2660 | 3150 |
| E | 2670 | 2915 | 2915 | 3890 |

Unit: mm
* Specific parameters are subject to actual conditions.

Crushing Capacity

| Model | Size of Feed Opening | Maximum Feed Size | Maximum Speed | Motor Power | Processing Capacity |
|---------|----------------------|------------------------|---------------|-------------|---------------------|
| Unit | mm | mm | rpm | kW | t/h |
| SCI1315 | 1540×900 | 600 (400 recommended) | 650 | 250 | 250-350 |
| SCI1520 | 2040×1065 | 700 (400 recommended) | 550 | 2×250 | 350-550 |
| SCI1524 | 2440×1065 | 700(Recommended400) | 550 | 2×315 | 450-650 |
| SCI2023 | 2330×1980 | 1300 (800 recommended) | 460 | 2×500 | 1000-1500 |

*Note: The processing capacity in the table is only based on the open circuit operation and production when the bulk density is 1.6t/m³. The actual processing capacity is related to the physical properties, feeding mode, feeding size and other related factors of raw materials. In view of product upgrading and optimization, relevant technical parameters are subject to change without further notice, and the actual data shall be subject to the physical object.

Technical Advantages

- SANY Heavy Equipment Co., Ltd has launched the SCI series impact crusher in combination with advanced technologies and innovative designs at home and abroad, which can be used for crushing medium soft rock. It is widely used in the following fields: aggregates and construction waste treatment, slamming stone backfilling, tailings disposal, etc.. It features with good crushing effect, excellent particle shaping, energy saving and high efficiency, high reliability and durability, low maintenance cost and high intelligence. Its outstanding performance indicators pioneers in China. SANY Impact Crushers can provide customers with the highest comprehensive benefits.

High Capacity

- The heavy-duty and large rotor structure is adopted, with an output better than that of competing products by 15%.
- Large crushing chamber and optimized design of chamber shape to increase the output by 30-50t/h.

High Adaptability

- The rotor speed is matched according to the material characteristics to optimize its performance.
- Two-chamber and three-chamber structures can be selected according to the crushing ratio.
- The material of the hammer and breaker plate shall be matched according to the lithology of materials.

Modularization And Generalization

- Modular design of motor assembly, hydraulic assembly and adjustment mechanism.
- Universal design of the rotor components, breaker plate and side lining plate.

Maintenance Friendly

- Standard equipped with hydraulic cylinder and hydraulic adjustment devices standard configuration to facilitate maintenance process.
- Optional hammer lifting jib for more convenient replacement of wear parts.
- The rotor frame, pulley and motor are all equipped with shrink disc, and the bearing is fixed by withdrawal sleeves for easy assembly and disassembly.

Extended Life

- The hammer is made of Cr26Mo; the side lining plate and breaker plate are made of ZG120Mn13Cr2, which is superior to domestic industry configuration standards.

Automation

- Bearing temperature monitoring and alarm devices are equipped Standard equipped with centralized lubrication system. Optional configured with automatic lubricant refilling system.