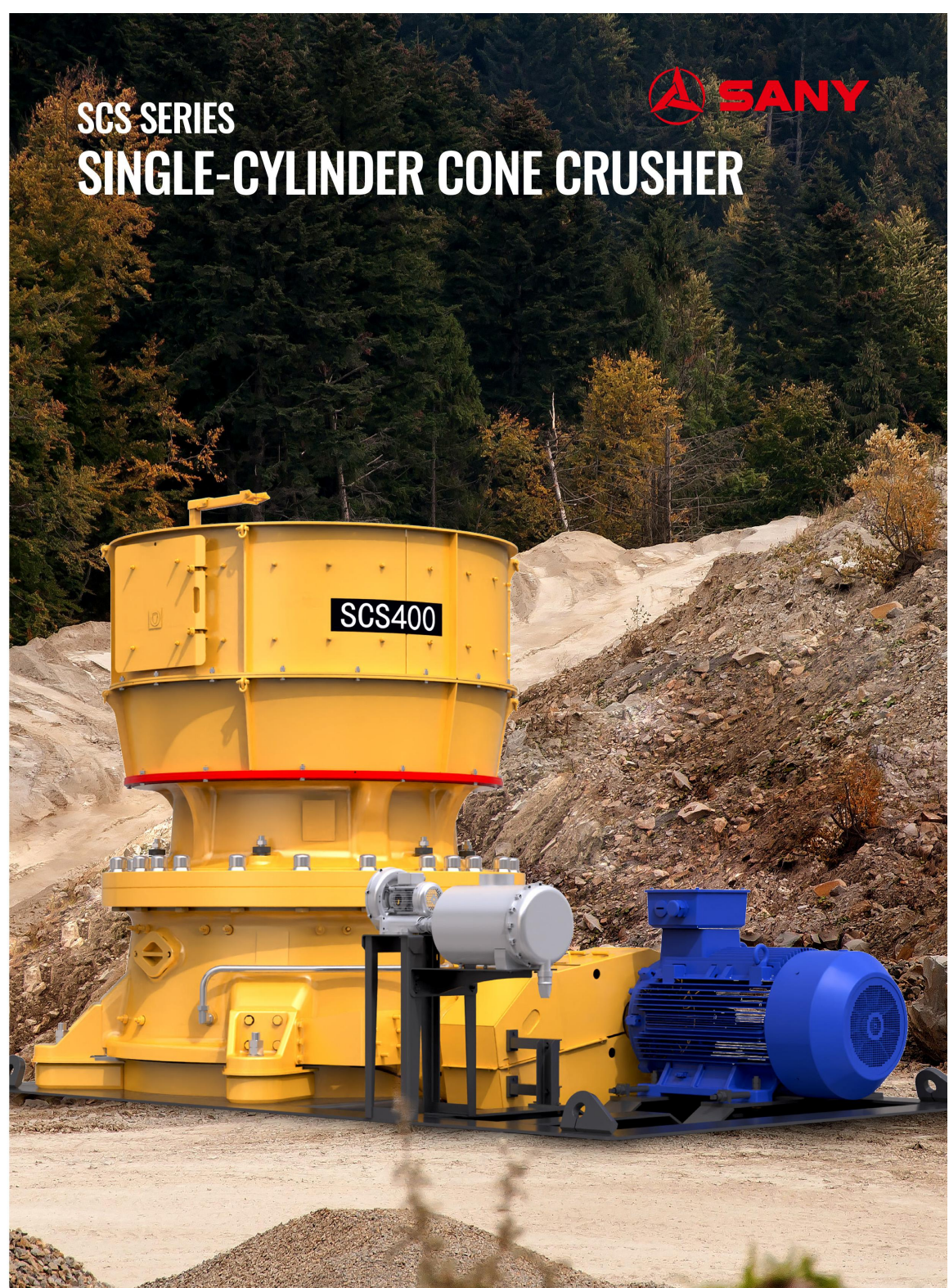




SCS SERIES SINGLE-CYLINDER CONE CRUSHER



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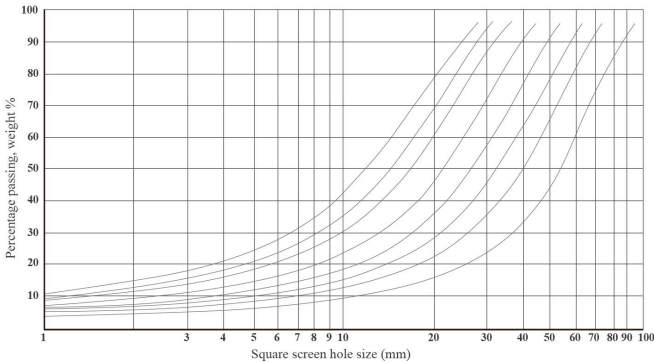
The technical parameters, configurations and industrial painting are subject to change for continuous technical updates without prior notice. Machines on the pictures may include auxiliary equipment. This brochure is for reference only, and the real objects should be considered as final.

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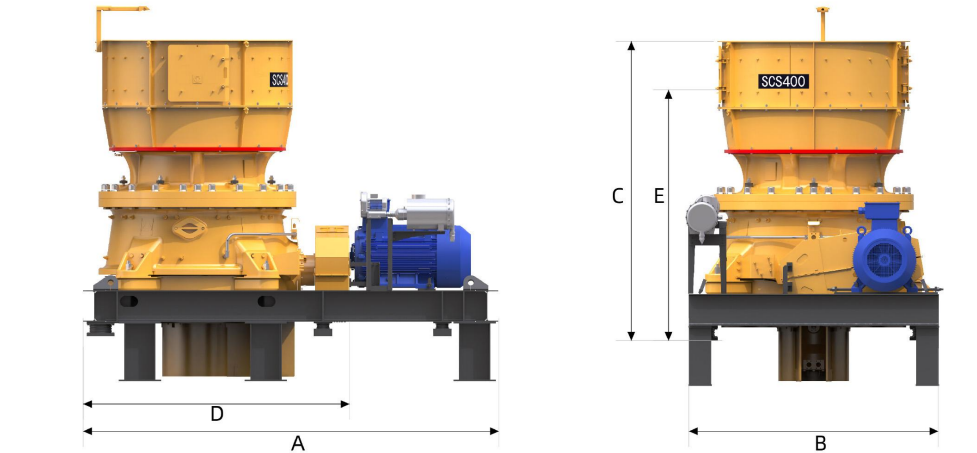
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Curve of Crushing Particle Size



Dimensions



Dimensions	SCS200	SCS200S	SCS300	SCS300S	SCS400	SCS400S	SCS800	SCS1000
A	3000	3000	3866	3866	4612	4612	6200	6700
B	1900	1900	2328	2328	2750	2750	2800	3600
C	2197	2800	2627	3292	3290	4177	4750	5500
D	2060	2060	2547	2547	2950	2950	3200	3630
E	1900	2250	2323	2787	2821	3695	4200	4640

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

Crushing Capacity

Model	Chamber type	Maximum feed size mm	Size of CSS mm	Processing capacity t/h	Motor power kW	Weight (motor excluded) t
SCS200	EC	185	13-38	69-208	132	9.2
	C	145	13-38	66-150		
	M	90	10-32	64-104		
	F	50	6-25	48-77		
SCS200S	EC	360	25-54	126-214	12	12
	C	300	22-48	108-108		
	MC	235	19-48	91-165		
SCS300	EC	215	16-44	114-384	250	18
	C	175	13-38	117-194		
	M	110	13-38	120-310		
	F	70	8-32	90-208		
SCS300S	EC	450	35-54	267-456	23	23
	C	400	29-51	225-333		
	M	300	25-51	195-317		
	EC	275	16-51	177-511		
SCS400	C	225	16-51	171-353	315	30
	M	135	16-38	197-403		
	F	85	13-38	195-323		
	EF	65	13-22	211-290		
SCS400S	EC	560	41-83	349-980	630	43
	C	500	38-70	318-780		
	EC	300	22-70	448-1331		
	C	240	19-70	406-1286		
SCS800	M	155	19-70	400-1098	750	68
	F	90	13-44	357-718		
	EF	80	10-44	280-669		
	EC	370	25-70	394-2181		
SCS1000	C	330	22-70	397-2140	750	101
	M	230	16-70	267-1564		
	MF	160	13-70	204-1170		
	F	120	13-57	248-625		

*Note: The processing capacity in the table is only based on the open circuit peration 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 innovatively designed and launched SCS series cone crushers in combination with advanced technologies at home and abroad, which can be used as crushing machinery for raw materials in the metallurgical, construction, road construction, chemical and silicate industries. According to the different crushing principles and product particle sizes, the SCS series cone crushers are divided into many models. Crusher is widely used in mining, smelting, construction materials, highway, railway, water conservancy and chemical industry and many other fields. The cone crusher features large reduction ratio, high efficiency, low energy consumption and uniform product particle size. It is suitable for secondary and fine crushing of various minerals and rocks.

High Efficiency

- The crushing chamber type, eccentricity and motion parameters are matched to achieve higher production efficiency. When the crusher is full of feed, it can maximize the laminated crushing effect, which is conducive to improving the crushing efficiency and the lining plate utilization efficiency.

Strong Adaptability

- A variety of crushing chamber types are available, and can be switched conveniently, and moreover the adjustable eccentricity design is adopted, to adapt to different crushing process requirements and improve the working performance of the equipment.

High Reliability

- The complete equipment is provided with a frame made of high-strength and impact-proof materials, with a high-strength forged spindle, a two-point support and therefore a higher structural strength, to adapt to various harsh operating conditions. By virtue of the constant crushing chamber made of materials highly resistant to wear, the equipment features a long service life, and stable and efficient operation.

Intelligence

- PLC integrated control can continuously monitor the operation state, to realize simpler, quicker and safer operation. The equipment is provided with the automatic hydraulic regulation function and installed with an efficient overload protection system with a monitoring frequency up to 200 times/s, to ensure efficient and stable operation of the equipment.

Easy Maintenance

- The equipment is compactly constructed and provided with a complete set of special maintenance tools and a gear clearance regulation mechanism, so it can be installed and removed conveniently, and maintained easily and inexpensively.

Easy Installation

- Provided with an integrated steel support, a rubber shock absorber and a stopper, the equipment can be installed conveniently and rapidly on site, to save foundation construction cost and shorten the construction period for users.