



SCM SERIES MULTI-CYLINDER CONE CRUSHER



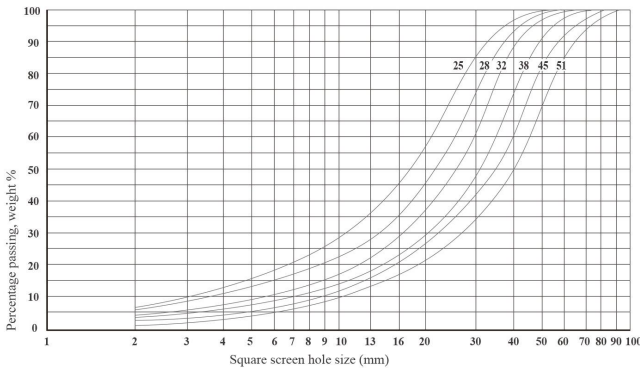
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The technical parameters, configurations and industrial painting are subject to change for continuous technical updates without prior notice. Machines on the pictures may include auxiliary equipment. This brochure is for reference only, and the real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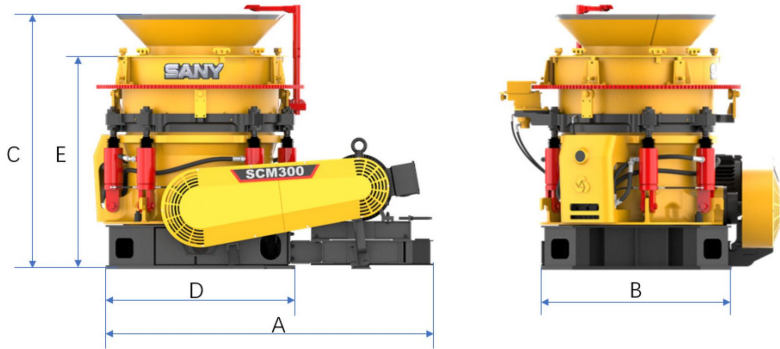


Curve of Medium Crushing Discharge Particle Size Distribution



*Note:
1. The number on the curve is the size of the discharge port.
2. The production capacity of the crusher is related to factors such as feeding particle size, crushing chamber type, material density and moisture content. This curve is applicable to the crushing operation with pre-screening before secondary crushing.

Dimensions



Dimension	SCM300	SCM400	SCM500	SCM800
A	3240	3550	3530	6270
B	2400	2740	3130	5670
C	2690	2700	2920	4510
D	1910	2570	2770	4450
E	2250	2590	2840	4000

Unit: mm

* Specific parameters are subject to actual conditions.

Crushing Capacity

Model	Chamber type	Discharge opening adjustment range mm	Size of CSS mm	Min. discharge port size mm	Processing capacity t/h	Max.installed power kW	Weight (excluding motor) t
SCM300	EC	25-45	233	25	230-440	250	19
	C	19-45	211	19	200-440		
	M	17-45	150	17	180-440		
	F	13-45	107	13	150-440		
SCM400	EC	30-51	299	30	325-630	315	23
	C	25-51	252	25	295-630		
	M	20-51	198	20	275-630		
	F	14-51	111	14	225-630		
SCM500	EC	30-51	335	30	380-790	400	33
	C	25-51	286	25	345-790		
	M	20-51	204	20	320-790		
	F	16-51	133	16	280-790		
SCM800	EC	32-51	353	32	545-1200	630	73
	C	32-51	297	32	545-1200		
	M	25-51	267	25	495-1200		
	F	16-51	219	16	385-1200		

*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 designed and launched the SCM series multi-cylinder cone crusher in combination with advanced technologies at home and abroad, which can be used for medium and fine crushing of raw materials in many industries such as mining, smelting, construction materials, highway, railway, water conservancy and chemical industry. The multi-cylinder cone crusher features large reduction ratio, high efficiency, low energy consumption and uniform product particle size. It is suitable for medium and fine crushing of various minerals and rocks.
- In terms of technology, multi-specification and multi-chamber solutions are used according to the production capacity and particle type requirements of different production lines; in terms of service, Sany has a good reputation and puts customers first. The combination of the two makes users feel the ultimate use experience.

High Performance

- An excellent crushing performance can be realized as the drive shaft speed and the oscillation stroke of the moving cone are perfectly matched with the crushing chamber type, together with a large crushing force. The equipment has obvious advantages in crushing hard and ultra-hard rocks, with a high output and a good grain dimension.

Automatic Intelligence

- It is equipped with a 10-inch touch screen to display operating parameters and status in real time, with the functions of lining plate life prediction, one-button calibration of discharge port, intelligent material position control, intelligent malfunction alarm, etc.

High Stability

- Castings made of European-standard materials are used, and the surface quality of the castings can meet the Grade 1 requirements specified in ASTM A802, with a high-precision bearing surface and a large bearing capacity.
- Standard configuration: speed monitoring, positive pressure dust removal and air pressure monitoring, secondary buffer accumulator group, material level monitoring system, lubricating oil flow monitoring etc.

Maintenance Friendly

- It is equipped with a complete set of maintenance tools, such as cone inspection tools, exclusive wrench for lining plate locking, eccentric lifting tool, eccentric part removal tool, etc. It is convenient and safe for maintenance and the maintenance efficiency is improved by 30%.