



山美

## SPRING CONE CRUSHER

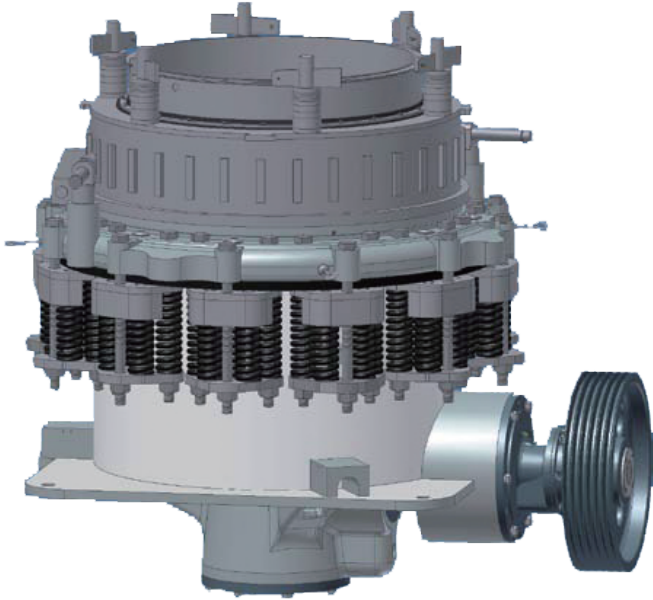


### Features and Benefits:

- 1.Reasonable structure, advanced crushing principle and technical data, reliable in operation, low cost in operation.
- 2.Powerful in crushing, high efficiency, high production.
- 3.Reliable spring insurance system, can provide safe and efficient protection of overload.
- 4.Two kinds of crushing chamber structure, suitable for wide range of product size requirement.
- 5.The manual hydraulic control discharge opening, operate easily and save effort.

## Spring Cone Crusher

SDY series spring cone crusher has reached the domestic leading level by absorbing America advanced technology. It is widely applied in metallurgy, construction, hydroelectric project, transportation, chemical industries and building materials for crushing all sorts of hard and above mid hard ores and rocks.



The spring safety system of crusher acts as an overloading protection system that allows metal to pass through the crushing chamber so as not to damage the cone crusher. The safety system uses dry oil and water as two kinds of sealed formation to make plaster powder and engine oil separate to make sure reliable performance. The type of crushing chamber depends upon size of feeding and fineness of crushed product. The standard type (SDY) is applied to medium crushing, the medium type is applied to medium or fine crushing and the short head type is applied to fine crushing

### Features and advantages:

1. Rational structure, advanced crushing principle and technical data, reliable operation and low operation cost.
2. High crushing ratio, high efficiency and high productivity.
3. Reliable spring security system, which can provide effective overload protection.
4. Double-crushing cavity, which meets large range of size requirements.
5. Manual -operating hydraulic discharge opening makes your work easy and economic.

### Technical Data

型号 Model	腔型 Type of Cavity	最小排矿口 Min Discharge Setting(mm)	最大给料尺寸 Max Feeding Size(mm)	电机功率 Motor Power(kw)	开路循环 闭边排矿口及对应的生产能力 (吨/小时) Open circuit,Closed side(mm),Capacity(t/h)											
					10mm	13mm	16mm	19mm	25mm	31mm	38mm	52mm	64mm	76mm	89mm	102mm
SDY900B	细型 Fine	9	87	75	46	59	73	82								
	粗型 Coarse	13	150	75		59	73	91	118	137	164					
	特粗型 Extra coarse	25	155	75					128	147	175	198				
SDY1300B	细型 Fine	13	120	200		109	127	146	163	181						
	中型 Medium	16	180	200			132	159	200	228	253	309				
	粗型 Coarse	19	205	200				173	218	250	295	378				
	特粗型 Extra coarse	25	220	200					237	273	324	398	455			
SDY1700B	细型 Fine	16	180	250			182	205	259	296	327					
	中型 Medium	22	205	250					291	337	381	438				
	粗型 Coarse	25	230	250					354	417	454	610	637			
	特粗型 Extra coarse	38	315	250							538	630	743			
SDY2100B	细型 Fine	19	235	400				381	499	617	726	852	1036			
	中型 Medium	25	280	400					608	726	807	998	1128	1296		
	粗型 Coarse	31	310	400						789	844	1088	1257	1386	1405	
	特粗型 Extra coarse	38	460	400							880	1179	1361	1473	1531	1643

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					3mm	5mm	6mm	10mm	13mm	16mm	19mm	25mm	31mm	38mm	52mm	64mm	
SDY900D	细型 Fine	3	35	75	27	41	55	68	91								
	粗型 Coarse	3	51	75	27	41	55	68	91	100							
	特粗型 Ertra coarse	6	65	75			59	73	95	114	127						
SDY1300D	细型 Fine	3	55	200	36	59	82	105	137	164							
	中型 Medium	6	76	200			82	105	137	164							
	粗型 Coarse	8	90	200				109	159	182	200	228					
	特粗型 Ertra coarse	16	115	200							209	237					
SDY1700D	细型 Fine	5	60	250		91	137	164	209								
	中型 Medium	6	76	250			137	164	209	255	282						
	粗型 Coarse	10	115	250				191	255	282	309	337					
	特粗型 Ertra coarse	13	115	250					255	282	309	337					
SDY2100D	细型 Fine	5	90	400		190	270	345	360	408	475	512					
	中型 Medium	10	110	400				354	408	454	508	560	613				
	粗型 Coarse	13	150	400					454	480	540	599	685				
	特粗型 Ertra coarse	16	170	400						508	590	653	693	720			

Note: The capacity in the chart is the total weight in open-cycle production when the material density is 1.6×103kg/m3and is relevant to the physical property, feeding method, feeding size and component of the material.



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