



SANME



# SMS 系列 液压圆锥破碎机

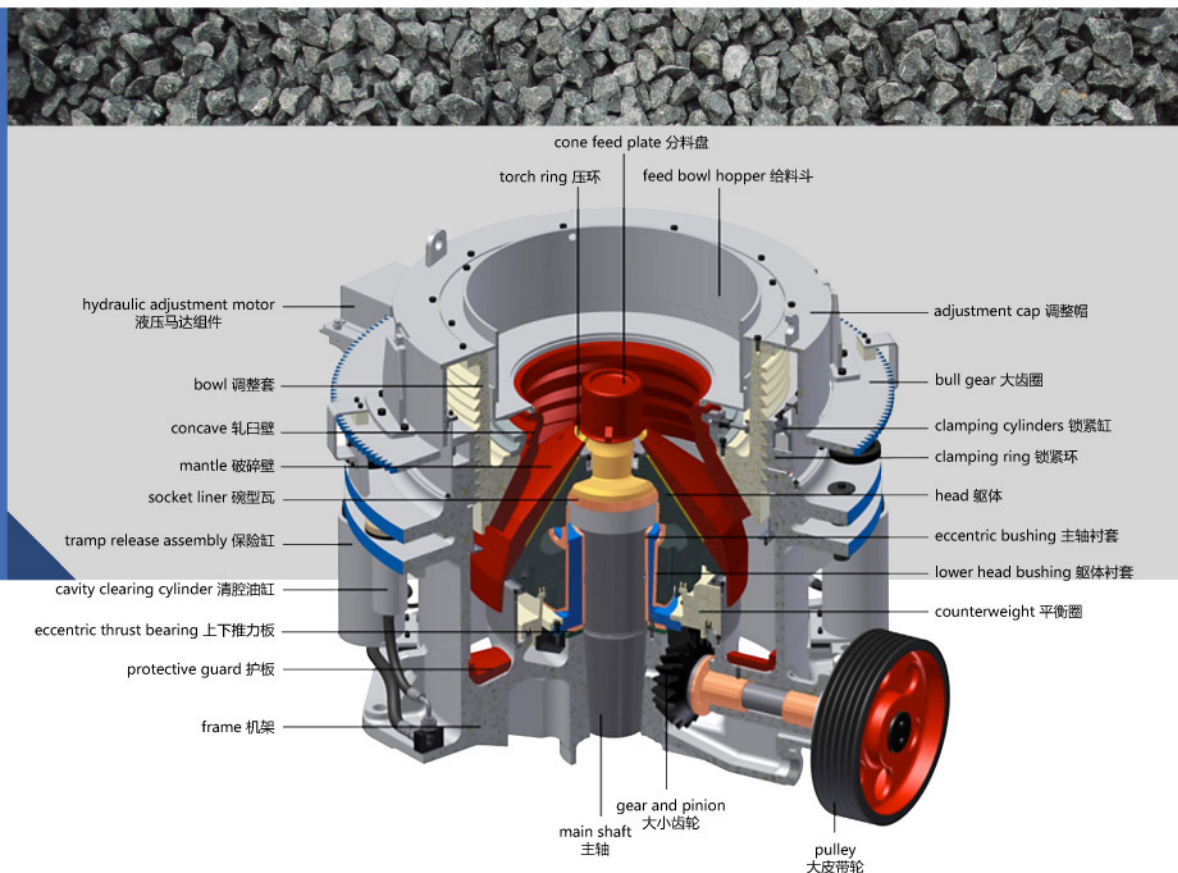
*SMS Series Cone Crusher*



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

# SMS Series Cone Crusher

## SMS系列液压圆锥破碎机



SMS series cone crushers adopt fixed main shaft design, and provide a unique combination of main shaft speed, throw and cavity, these changes have improved the capacity and product quality, and also have increased the fine crushing capability, thanks to the interparticle crushing action in the process of crushing, and the shape of aggregate has been improved greatly.

SMS series cone crushers enable you to increase the productivity greatly, and decrease the operation cost, they are the satisfactory choices for mining processing or aggregate production.

SMS 系列液压圆锥破碎机采用固定式主轴设计，将主轴转速、冲程和破碎腔型进行了完美的结合，这些改变大大提高了生产能力和产品质量，提高了破碎的细碎能力，在破碎过程中因为能够形成层压破碎，使骨料的形状得到很大的改善。

SMS 系列液压圆锥破碎可以大大提高生产率、降低运营成本，是您矿物加工或者骨料生产的满意选择。

# Technical Data

## 设备技术参数

Model 型号	Max Feeding Size(mm) 最大给料尺寸	Discharge Range(mm) 排料口范围	Motor Power (kw) 电机功率	Capacity(t/h)—open circuit,closed discharge(mm) 生产能力(吨/小时)—开路循环, 闭边排料口(mm)														
				6	9	13	16	19	22	26	32	38	45	51				
SMS1000EC	150	22~32	90						95	105	110							
SMS1000C	107	13~26				65	78	85	95	105								
SMS1000M	76	10~22			53	65	78	85	95									
SMS1000F	45	9~19			53	65	78	85										
SMS1000EF	20	6~16			40	53	65	78										
SMS2000C	185	22~38	160						170	185	200	225						
SMS2000M	135	16~32					118	140	170	185	200							
SMS2000F	95	13~26				95	118	140	170	185								
SMS2000DC	76	10~22	160		78	95	115	125	155									
SMS2000DM	54	9~19			78	95	115	125										
SMS2000DF	25	6~16			60	78	95	115										
SMS3000EC	235	26~51		220							245	270	320	375	400			
SMS3000C	211	22~45								230	245	270	320	375				
SMS3000M	150	16~38					155	175	230	245	270	320						
SMS3000F	107	13~32				110	155	175	230	245	270							
SMS3000DC	78	10~22			105	130	160	165	210									
SMS3000DM	53	9~19	220	105	130	160	165											
SMS3000DF	25	6~16		90	105	130	160											
SMS4000EC	299	32~51	315								365	420	480	520				
SMS4000C	235	26~51									315	365	420	480	520			
SMS4000M	199	22~45							266	315	365	420	480					
SMS4000F	135	16~38					198	210	266	315	365	420						
SMS4000DC	95	13~26				180	205	235	265	290								
SMS4000DM	76	10~22	315	145	180	205	235	265										
SMS4000DF	45	6~19		120	145	180	205	235										
SMS5000EC	335	32~51	315								460	560	615	715				
SMS5000C	275	26~51									390	460	560	615	715			
SMS5000M	210	22~45							340	390	460	560	615					
SMS5000F	150	16~38					285	305	340	390	460	560						
SMS5000DC	102	13~26				230	280	340	375	410								
SMS5000DM	76	10~22	315	175	230	280	340	375										
SMS5000DF	45	6~19		145	175	230	280	340										
SMS8000EC	355	32~63	600								720	800	900	1028	1220			
SMS8000C	305	32~51										720	800	900	1028			
SMS8000M	260	26~45									620	720	800	900				
SMS8000F	215	22~38						480	520	620	720	800						
SMS8000DC	155	13~26				380	455	515	535	585								
SMS8000DM	92	10~22	600	310	380	455	515	535										
SMS8000DF	45	6~19		240	310	380	455	515										

Represents capacity through crusher based "instantaneous" product sample.

Note: The capacity is total tons per hour passing through crusher at open circuit when crushing mid-hard material and bulk density with 1.6t/m<sup>3</sup>. Capacities are relative to physical character and type of feeding, feeding size and composition and so on.

Attention to the following factors will enhance crusher capacity and performance.

1. Proper selection of crushing chamber for material to be crushed
2. A feed grading containing proper distribution of the particle size
3. Controlled feed rate
4. Proper feed distribution 360° around crushing chamber
5. Discharge conveyor sized to carry maximum crusher capacity
6. Properly sized scalping and closed circuit screens
7. Automation controls
8. Adequate crusher discharge area

所列破碎机的生产能力, 是基于瞬时取样的测定结果。

注: 生产能力是在破碎中硬物料且堆积密度为 1.6t/m<sup>3</sup> 时开路循环生产中总吨数。生产能力与破碎物料的物理性能、给料方式、进料粒度及其组成等工况有关。

注意以下因素可提高破碎机的生产能力和性能。

1. 针对所破碎的物料正确选择破碎腔
2. 给料粒度配比适当
3. 控制给料量
4. 在破碎腔 360 度范围内给料分布均匀
5. 排料输送机的规格与破碎机的最大处理能力相适应
6. 适当的选择预先筛分和闭路筛分的筛子规格
7. 自动控制装置
8. 破碎机排料区通畅



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