YIFAN

CCM 系列液压圆锥破碎机

CCM Series Hydraulic Cone Crusher

Leading crushing and screening equipment manufacturer in China　　中国领先的破碎筛分设备制造商

郑州一帆机械设备有限公司(由山德技术(北京)有限公司控股),是中国知名的破碎筛分设备制造商。我们为客户提供全系列破碎筛分设备，包括 液压圆锥破碎机、颚式破碎机、反击式破碎机、立式冲击破碎机(制砂机)、移动式破碎站和振动筛，我们不仅为客户提供高性价比的产品，还提供一流的服务支持及解决方案。

YIFAN
郑州一帆机械设备有限公司
ZHENGZHOU YIFAN MACHINERY CO.,LTD
服务热线：400-665-6688 0371-64627000 64989888　网址：www.yfmac.com　地址：中国郑州荥阳开发区郑源路

CCM系列液压圆锥破碎机
CCM Series Hydraulic Cone Crusher

CCM系列全液压圆锥破碎机是结合国际先进技术，具备优越性能的全新系列圆锥破碎机，适合破碎坚硬、中等硬度以上的各种矿石和岩石。

CCM Series Hydraulic Cone Crusher is new series product with high performance, which absorbs the advanced technology in the world. It is suitable to crush hard and mid-hard ores and rocks.

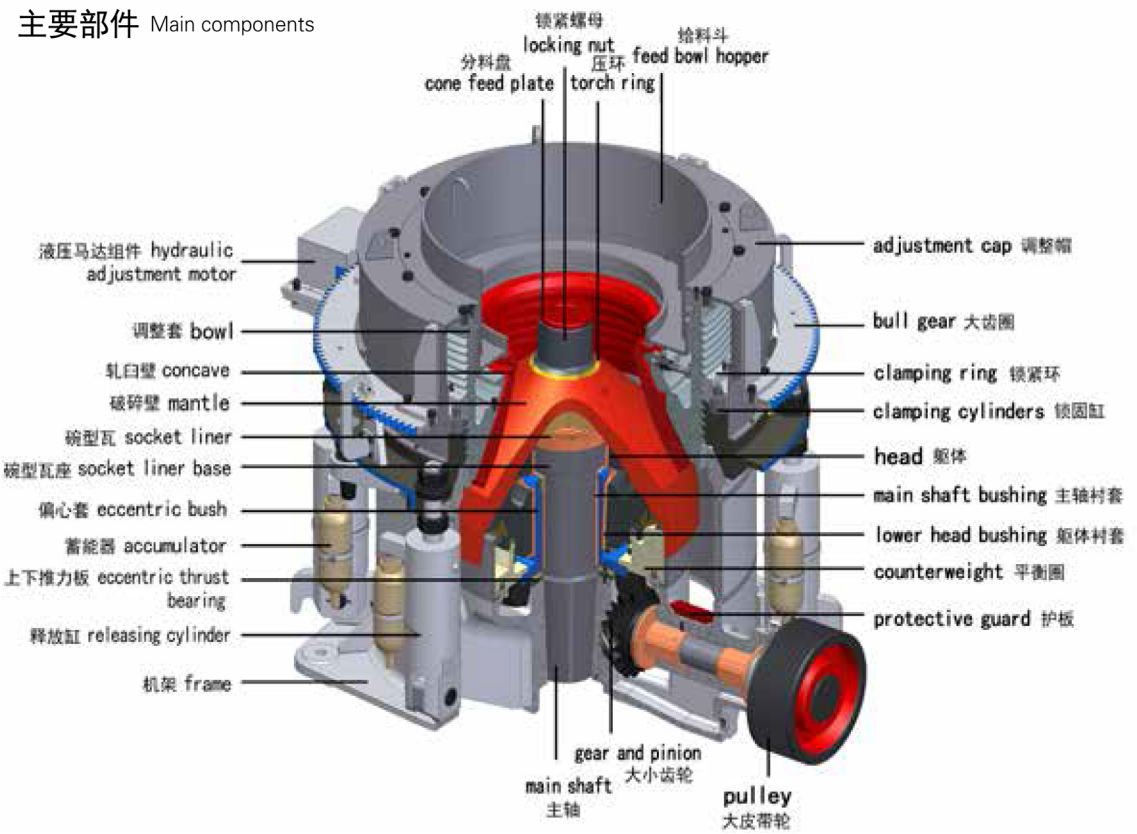
产品特点与技术优势：

◎结合国际先进技术，具备优越性能的全新系列圆锥破碎机。
◎固定主轴设计和优化的破碎腔型，全面提升破碎产量。
◎产品粒度组成更稳定、粒状更佳。
◎全液压标准配置，操作简单调整灵活。
◎独立设计的单作用缸，系统性能发挥更稳定。
◎全新一体化机座，简化安装步骤。
◎外形结构改进，集功能与美观于一体。

Featurs and Benefits:

◎High performance and absorb advanced technology;
◎Fixed main shaft design and optimized cavity, increase crushing capacity;
◎More uniform composition and better shape of product size;
◎Standard hydraulic design, simple operation and flexible adjustment;
◎Independent design of single acting cylinder, more stable performance;
◎Integrated base and simplified installation steps;
◎Improved structure, function and good shape are integrated.

主要部件 Main components



固定主轴
最大的优点是让各个零件的受力更为合理，动力转化更为有效，能够使用更大的偏心距和更高的转速，从而获得更高的产量。

清腔
CCM系列全液压圆锥破碎机采用保险杠和清腔油缸相互独立设计，并使用更为稳定可靠的单作用缸，从而提高液压系统的可靠性。

液压排料口调整
CCM系列全液压圆锥破碎机排料口的调整通过液压马达带动调整套来实现，配合液压锁固缸锁紧调整套，让您无需到达现场就可完成调整排料口的工作。

改进的保险杠、蓄能器
当破碎机在过铁或其他负载突然增大时，保险缸的液压油可以瞬间的流回蓄能器，快速的抬升活塞杆，从而更好的保护破碎机零部件，减少冲击负载对机器的伤害。

调整套锁固
在完成调整排料口之后，调整套的锁固通过液压锁紧缸来完成，您只需按一个按钮即可完成锁紧调整套的工作，大大降低了劳动强度，节约了停机时间，同时也保证了锁紧的可靠性。

一体化底座
全新设计的一体化的底座，包含了主设备、电机、皮带护罩等安装模块，简化了设备安装步骤，为用户带来极大的方便。

优化的腔型，更高的产量
腔型具有产量高、能耗低的特点；在同样的破碎壁直径下，破碎行程更长、破碎比更大；在满腔情况下更能利用层压破碎作用，使最终的产品粒度组成更稳定、粒型（立方体）更优。

Fixed spindle
The strongest advantage is that it makes the load-carrying capability of every accessor more reasonable, power transformation more efficient, it can use greater eccentricity an higher rotation speed to gain higher production.

Cavity clearing
CCM Series hydraulic cone crusher adopts the mutual independent design of bumper and cavity clearing and adopts the more stable and reliable single cylinder which highl improves the reliability of the hydraulic system.

Hydraulic discharge opening adjustment
Adjustment of discharge opening for CCM2000 hydraulic cone crusher can be realize through hydraulic motor driving bowl. Solid-locked cylinder locks the adjustment sleeve which help you adjust the discharge opening without onsite job.

mproved insurance cylinder, energy accumulator
When load suddenly increase such as tramp iron, hydraulic oil of safety cylinder ca instantly flow back to energy accumulator, and piston rod rise up rapidly, thereupo protect the component of crusher and reduce the harm of impact load.

Bowl locking adjustment
After adjusting the discharge opening, bowl can be locked by hydraulic locking cylinde without locking the wedge or bolt. Bowl can be locked by button pressing, intensity c labor is reduced and downtime is saved, at the same time, reliability of locking can b ensured.

Integration base
Brand new integration base is composed of installation modules such as master device motor, belt guard, etc. The integration design simplifies the installation procedures whic brings customers great convenience.

Optimized cavity, higher production
The cavity employs the features of high production and low consumption; at the sam diameter of the mantle. It enjoys longer crushing stroke, higher crushing ratio; it ca take the advantage of the laminating crushing effect when the cavity is full to offer mor stable particle size and more excellent particle shape.

技术参数 Technical Data

型号 Model	腔形 Type of Cavity	最大给料尺寸 Max Feeding Size(mm)	排料口范围 Discharge Range(mm)	电机功率 Motor Power (kw)	生产能力(吨/小时)—开路循环，闭边排料口Capacity(t/h)—Open circuit,Closed discharge(mm)										
					6	9	13	16	19	22	26	32	38	45	51
CCM738	C	185	22–38	160						180	195	210	225		
	M	135	16–32					118	140	163	182	200			
	F	95	13–26				95	115	135	160	180				
CCM738D	C	76	10–22	160		75	90	105	125	155					
	M	54	9–19			75	90	105	120						
	F	25	6–16		60	78	95	115							
CCM745	EC	235	26–51	220							230	270	320	370	400
	C	211	22–45							210	225	260	310	360	
	M	150	16–38					155	175	200	220	260	295		
	F	107	13–32				110	135	165	195	225	250			
CCM745D	C	78	10–22	220		105	130	160	185	210					
	M	53	9–19			105	125	155	180						
	F	25	6–16		90	105	125	150							
CCM752	EC	299	32–51	315								366	420	480	520
	C	235	26–51								295	350	390	415	475
	M	199	22–45							266	305	338	363	395	
	F	135	16–38					198	210	245	275	305	330		
CCM752D	C	95	13–26	315			180	205	235	265	290				
	M	76	10–22			145	180	205	230	260					
	F	45	6–19		120	145	175	200	220						
CCM761	EC	335	32–51	400								460	560	615	680
	C	275	26–51								395	475	540	595	630
	M	210	22–45							340	385	462	515	560	
	F	150	16–38					285	305	330	365	437	495		
CCM761D	C	102	13–26	400			230	280	340	375	410				
	M	76	10–22			175	215	270	330	355					
	F	45	6–19		145	170	210	265	325						

注： 上述生产能力是在破碎中硬及以下物料且堆积密度为1.6×10^3kg/m^{3}时开路循环生产中的总吨数。生产能力与破碎物料的物料性能、给料方式、进料粒度及其组成有关。

Note: The capacity is total tons per hour passing through crusher at open circuit when crushing medium and below hardness material and bulk density with 1.6×10^3kg/m^3. Capacities are relative to physical character and type of feeding, feeding size and composition and so on.

总公司：山德技术（北京）有限公司
SHANDE TECHNOLOGY (BEIJING) CO., LTD.

郑州一帆机械设备有限公司
地址：中国郑州市荥阳开发区郑源路
邮编：450100
电话：0371-6462 7000 6462 6911
传真：0371-6460 6468
免费咨询电话：400-665-6688
网址：www.yfmac.com
E-mail：yifan@yfmac.com

ZHENGZHOU YIFAN MACHINERY CO., LTD.
Add: Zhengyuan Rd,Xingyang,Zhengzhou Henan 450100,China
Tel:+86 371 64628852
Fax:+86 371 64628872
Website: www.yfcrusher.com
E-mail: sales@yfmac.com

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照片中产品外观颜色与实际机型存在差异，颜色标准以实物为准。

In the photo products' color and appearance might have difference from the actual models, the color need to be subject to the real object.

本手册中的配置不一定是出厂标准配置，请实时请详细咨询我们。

The configuration in this manual are not necessarily the Ex-factory standard, please consult with us before purchasing.