



 HCC HYDRAULIC
CONE CRUSHER

HCC液压圆锥破碎机

www.greatwallcrusher.com

用途及适用范围

该机适用于矿山、建材、冶金等行业，可对铁矿石、铜矿石、花岗岩、玄武岩、鹅卵石、大理石、石灰石等中等和中等以上硬度的物料进行中、细碎作业。尤其在产品粒形要求严格，成品率要求较高，自动化程度高的破碎生产线中被首选使用。

性能特点

1. 通过采用粒间层压原理设计的特殊破碎腔及与之相匹配的转速，显著提高了破碎比和产量，大大增加了成品料立方体的含量。

2. 采用液压保护、液压清腔，自动化程度高。该机在发生过铁及瞬间闷车的情况下，能液压起顶，自动排料，消除了原弹簧圆锥破碎机需停机进行人工排料的烦恼，使维修更简便，费用更节约。

3. 破碎壁、轧臼壁采用高耐磨材料制作，再加上破碎腔型的改变和层压破碎时料层的保护，使磨耗降低，易损件使用寿命相比老式结构圆锥破碎机可提高30%以上。

4. 采用液压调整，稀油润滑，性能稳定可靠。并采用有效的迷宫密封方式，避免了原弹簧圆锥破碎机水油易混合的缺陷。

Usage and Application

The machine is widely used for secondary and fine crushing in the fields of mining, building materials, metallurgies and so on. It can crush materials with middle and high hardness such as ironstone, copper ore, granite, basalt, cobblestone, marble, limestone and so on. It is popular to the high automatic crushing line which has strict requirements for finished products' shape and ratio.

Features

1. The crushing cavity is special designed according to particles-layer-pressure principle. The special cavity and the suitable rotary speed improve crushing ratio and capacity, so does the cubic product percentage.

2. With hydraulic protection and hydraulic cavity cleaning, the machine is high-automatic. If something abnormal happens, such as iron is fed into the crushing cavity or there is a jam in the cavity, the machine will lift up the cover and discharging the materials automatically. This eliminates the trouble of stopping the machine to discharge the material by workers, so the maintenance is easier, the cost is lower than spring cone crusher.

3. The mantle and bowl liner are made by high abrasion materials. The special design of crushing cavity type and particles-layer-pressure protection decrease the abrasion, make the service time 30%-80% longer than traditional cone crusher.

4. It is adjusted by hydraulic device and lubricated by diluted oil. The labyrinth seal eliminates the defect of mixture between water and oil in the traditional spring cone crusher.



主要技术参数 / Main Specifications

项目 Item 型号 Model	腔型 Cavity Type	最大给料尺寸 Max. Feeding Size (mm)	排料口调整范围 Adjustable Range of Discharge Opening(mm)	处理能力 Capacity (t/h)	电机功率 Motor Power (kw)	机器重量 Weight (t)	外形尺寸 Overall Dimension (mm)
HCC36B	细型 Fine	85	9-22	46-94	75	14.2	2656 × 1746 × 2241
	粗型 Coarse	150	13-38	61-168			
	特粗型 Extra Coarse	152	25-38	122-168			
HCC36D	细型 Fine	35	3-13	28-93	75	14.7	2656 × 1746 × 2241
	中型 Medium	65	5-16	37-103			
	粗型 Coarse	85	6-19	61-133			
HCC51B	细型 Fine	115	13-31	112-189	160	25.9	2983 × 2354 × 3156
	中型 Medium	178	16-38	136-261			
	粗型 Coarse	205	19-51	177-359			
	特粗型 Extra Coarse	220	25-51	243-369			
HCC51D	细型 Fine	54	3-16	37-168	160	26.4	2983 × 2354 × 3156
	中型 Medium	76	6-16	84-168			
	粗型 Coarse	89	8-25	112-234			
	特粗型 Extra Coarse	113	16-25	215-243			
HCC66B	细型 Fine	178	16-38	186-337	220	50	3911 × 2870 × 3771
	中型 Medium	205	22-51	266-430			
	粗型 Coarse	228	25-64	308-654			
	特粗型 Extra Coarse	313	38-64	444-664			
HCC66D	细型 Fine	60	5-13	93-215	220	51	3911 × 2870 × 3771
	中型 Medium	76	6-19	140-289			
	粗型 Coarse	113	10-25	196-346			
	特粗型 Extra Coarse	125	13-25	261-346			
HCC84B	细型 Fine	236	19-38	392-748	315	88	4613 × 3302 × 4638
	中型 Medium	284	25-51	626-1028			
	粗型 Coarse	314	31-64	813-1308			
	特粗型 Extra Coarse	391	38-64	906-1402			
HCC84D	细型 Fine	89	5-16	196-420	315	90	4613 × 3302 × 4638
	中型 Medium	113	10-19	365-523			
	粗型 Coarse	151	13-25	468-617			
	特粗型 Extra Coarse	172	16-25	523-673			

注：技术数据如有变动，恕不另行通知。
Note: Any change of technical data will not inform additionally.



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