

HC cone crusher

HC serious single cylinder cone crusher is the most advanced cone crusher. It adopts the newest research result of crushing technology, hydraulic technology and computer control technology etc. It is widely used for secondary, tertiary and ultrafine crushing. It can be used for different environment and various stones of different hardness.

Features of HC Cone Crusher:

1. the frame of the crushing machine is made of alloy steel, designed though finite-element analysis. The main axis is forged with alloy, being able to bear the overweight crushing pressure.
2. The main axis, eccentric, eccentric bushing combined together. By rotating the eccentric can easily set multiple eccentricities, which can meet requirement of different minerals and mining.
3. Spiral bevel gear surface transmission makes it torque, efficiency.
According to the parietal broken principle and laminated material wear characteristic, the curve crushing chamber can ensure the large production, high quality, and low wear and tear cost of the crusher.
4. Lubrication system and hydraulic system adopt modular design, and they run independently. They chain with the host, enabling the protection of the oil temperature, flow, pressure, power, and abnormal power supply.
5. Self-operation system can achieve overload protection, over-iron protection and automatic compensation of liner wear during crushing operations. Feeding through crowded warehouse can maximize the effect of the crusher.





Technical Parameter Of HC Cone Crusher:

Model	Main shaft speed(rpm)	Eccentric distance(mm)	Motor power(kw)	Weight(kg)
HC100S	360	16-25	90	7100
HC200S	340	16-30	150	13200
HC300S	285	20-36	220	19500
HC100	395	13-28	90	5400
HC200	360	16-36	150	9400
HC300	320	16-36	250	14500
HC400	290	18-50	315	24200

Model	Chamber Type	Max.feeding size(mm)	Capacityt/h: Capacity, Metric tons per hour												
			CSS												
			16	19	22	25	29	32	35	38	41	44	48	51	54
HC100S	EC	240		80	90	120	160	175	150	130					
	C	200	68	75	102	133	117	102							



Kefid Machinery (Zhengzhou) Co.,Ltd

HC20 0S	EC	360			12 2	13 1	18 0	24 3	25 8	32 5	34 3	36 0	32 0	26 9	22 5
	C	300		10 4	14 2	15 2	20 9	26 7	28 4	29 9	31 6	27 7	18 9		
			25	29	32	35	38	41	44	48	51	54	57	60	64
HC30 0S	EC	450		24 8	26 4	35 0	37 1	46 8	49 3	63 0	55 0	47 9			
	C	400	21 5	29 5	31 4	40 0	42 3	53 6	47 0	41 8	35 0				
			4	5	6	8	10	13	16	19	22	25	29	32	35
HC10 0	EC	130					48	89	97	10 4	11 0	11 8	12 7	13 4	10 3
	C	90					56	93	10 1	10 8	11 6	12 4	11 0	74	
	M	64				46	78	84	80	62					
	MF	48			38	70	74	71	56						
	F	38	35	51	52	56	60	50	40						
EF available			6	8	10	13	16	19	22	25	29	32	35	38	41
HC20 0	EC	190				11 3	15 7	16 9	17 9	19 1	20 7	21 8	23 0	21 8	17 4
	C	145				13 8	14 9	16 0	17 0	18 2	19 6	20 7	19 7	15 6	12 0
	MC	115			60	14 7	15 8	17 0	18 2	19 3	16 8	15 2	12 3		
	M	90			88	13 8	14 9	16 0	17 0	16 1	13 7	10 9			
	MF	65		64	11 1	12 1	13 0	13 2	12 0	97					
	F	50	82	87	92	10 1	10 8	11 0	10 0	81					
EF available			10	13	16	19	22	25	29	32	35	38	41	44	48
HC30 0	EC	210			21 0	29 0	30 9	32 9	35 5	37 4	39 5	41 5	43 4	40 3	32 0



Kefid Machinery (Zhengzhou) Co.,Ltd

	C	170		10 6	22 9	30 7	32 7	34 8	37 7	39 7	37 8	35 2	27 6	24 0	
	MC	140		12 8	27 5	29 6	31 6	33 6	36 3	34 4	32 2	25 4	22 1		
	M	105		19 6	29 2	31 3	33 4	35 6	31 4	29 5	23 3	20 4			
	MF	80	12 0	23 8	25 7	27 6	29 5	31 4	27 7	26 0	20 6				
	F	65	18 5	20 1	21 6	23 2	24 8	26 3	23 3	21 8	17 2				
EF available			13	16	19	22	25	29	32	35	38	41	44	48	51
HC400	EC	300		18 6	35 5	45 8	48 7	52 6	57 4	60 5	63 5	66 5	69 5	66 3	53 6
	C	210		20 0	38 5	50 4	53 5	57 9	61 1	64 3	67 5	64 3	53 8	42 6	37 1
	MC	170		26 6	44 7	47 8	50 8	54 9	58 0	61 0	52 4	48 8	38 2	30 3	
	M	130		31 0	46 2	49 4	52 5	56 7	52 7	50 4	42 3	38 9			
	MF	100	20 2	38 7	41 6	44 4	47 2	51 0	47 3	40 8	38 1				
	F	75	31 9	34 4	37 0	39 5	42 0	45 4	42 1	36 3	33 9				
	EF	55	29 5	31 8	31 3	30 4									

EF = Extra fine

F = Fine

MF = Medium fine

MC= Medium coarse

M = Medium

C = Coarse

EC = Extra coarse

The capacity is based on granite, the density of aggregate is 1.6t/m³.

The technical data is only for reference, it is not considered as our guarantee. Please consult Kefid Machinery for more information.



Contact Us

Kefid (Zhengzhou) Machinery Co.,Ltd

Address :	National HI-TECH Industry Development Zone, Zhengzhou, China.		
PostCode :	450001		
MSN :	kefidmachinery@hotmail.com	Yahoo! Messenger:	kefidmachinery@yahoo.com
Sales Department		Marketing Department	
Tel :	0086-371-67999255 0086-371-67988500	Tel :	0086-371-68006801
Fax :	0086-371-67998980	Fax :	0086-371-67998980
E-mail :	sales@kefid.com	E-mail :	kefid.market@gmail.com
After Sale Department		Human Resource Department	
E-mail :	kefid.aftersale@gmail.com	E-mail :	kefid.hr@gmail.com
Technology Department		Financial Department	
E-mail :	kefid.tech@gmail.com	E-mail :	kefid.financial@gmail.com

Kefid (ShangHai) Machinery Co.,Ltd

Tel:	0086-21-58385016	Mobile :	0086-13818659191
E-mail:	kefidshanghai@gmail.com	MSN :	kefid-shanghai@hotmail.com