



CENTERCONE MACHINE

CRUSHER CATALOG



As CENTERCONE MACHINE, we offer products with a balance of high quality, price and performance.

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CENTERCONE CRUSHERS

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CHP&CMP Series Cone Crushers

CCH&CCS series crusher, high capacity, high stability and high working speed medium hard and hard in various industries due to It is preferred for mines. Advanced design concept, adjustable eccentricity design and With reliable hydraulic iron protection system, large high working speed and feeding intervals Low failure rate thanks to its durability they have.

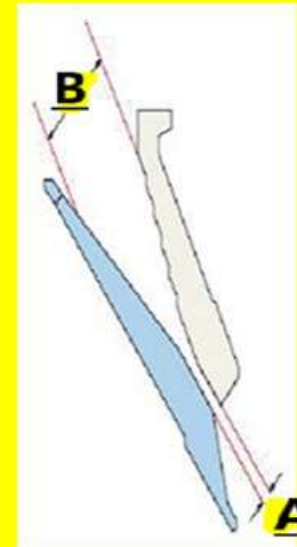


Strong key features,

- **High efficiency;** The perfect combination of fixed main shaft, high speed and large eccentric distance makes the product output and qualification rate of SHP series cone crushers much higher than other types.
- **Intelligent control system;** PLC control system for SHP cone crusher enables local and remote instantaneous control of the crusher.
- **Easy and quick maintenance;** It adopts hydraulic motor to adjust the outlet clearance and move the upper body, which greatly shortens the maintenance time of the crusher.
- **Stable and reliable iron protection system;** It is realized by hydraulic system and cylinders placed around the crusher to protect the crusher.
- **Elastic vibration damping;** Special elastic damping parts used instead of traditional rigid connection parts can effectively absorb the impact of the crusher on the foundation, thus prolonging the life of the crusher.



Cone Crusher Cavity Selection



When the CSS value is set to A, the minimum value of the feed opening is Bmin and the maximum value is Bmax, as specified in the table.

Crusher Type	Cavity	Standart			Shorthead		
		Bmin (mm)	Bmax (mm)	A (mm)	Bmin (mm)	Bmax (mm)	A (mm)
CHP3	Extra Fine	18		8			
	Fine	95		11			
	Medium	156		15			
	Course	183		20			
	Extra Course	200		25			
CHP4	Extra Fine	74		8			
	Fine	116		10			
	Medium	169		16			
	Course	252		28			
CHP6	Extra Fine	56		9			
	Fine	112		12			
	Medium	205		18			
	Course	290		25			
	Extra Course	330		30			
CHP100	Extra Fine				20	50	6
	Fine				50	100	9
	Medium				70	97	9
	Course				100	125	13
	Extra Course				150	175	21
CHP200	Fine	95	128	14	25	66	6
	Medium	125	156	17	54	70	6
	Course	185	208	19	76	114	10
	Extra Course						
CHP300	Fine	107	148	13	25	72	6
	Medium	150	190	16	53	100	8
	Course	211	240	20	77	123	10
	Extra Course	233	267	25			
CHP400	Fine	111	164	14	40	104	6
	Medium	196	245	20	52	107	8
	Course	252	292	25	92	143	10
	Extra Course	299	333	30			
CHP500	Fine	133	182	16	40	105	8
	Medium	204	246	20	57	116	10
	Course	286	322	25	95	152	13
	Extra Course	335	372	30			
CHP800	Fine	219	264	16	33	98	5
	Medium	267	308	25	92	150	10
	Course	297	340	32	155	210	13
	Extra Course	353	357	32			
CMP800	Extra Fine	144	193	19			
	Fine	241	282	19	43	94	8
	Medium	308	347	25	71	120	10
	Course	343	384	32	113	162	12
CMP1000	Fine	241	295	22	63	120	8
	Medium	242	300	25	90	150	10
	Course	343	390	32	140	203	12
	Extra Course	360	414	38	235	285	19



CENTERCONE CHP/CMP Series Cone Crusher Technical Specifications

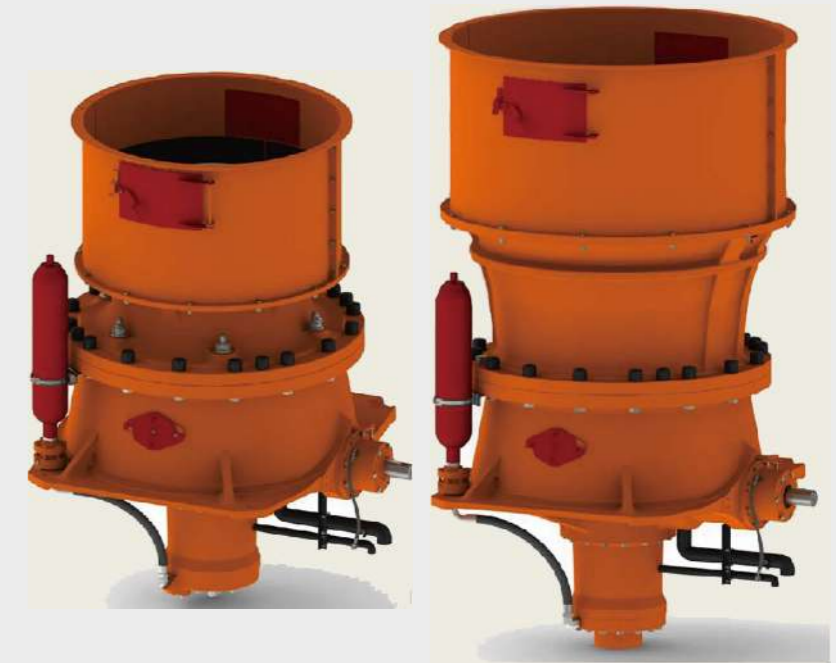
Crusher Type	Power (kW)	Weight (kg)	Pinion speed (rpm)	Head Diameter (mm)	Discharge Port Diameter (mm)
CHP3	250	16100	740-1120	1000	1340
CHP4	315	24200	735-1035	1120	1510
CHP5	370	29000	600-1000	1400	1882
CHP6	500	44600	590-930	1400	1882
CHP100	90	65000	750-1200	735	970
CHP200	160	12200	750-1200	940	1240
CHP300	250	18100	700-1200	1120	1470
CHP400	315	25600	700-1000	1320	1726
CHP500	375	37000	700-950	1520	2040
CHP800	600	74000	750-950	1780	2420
CMP800	630	120600	700-900	2010	2698
CMP1000	750	150500	700-900	2280	2950

Crusher Type	Crusher capacity (t/h) corresponding to CSS(mm)											
	6	8	10	13	16	19	22	25	32	38	45	51
CHP3	95-120	108-147	136-185	164-220	182-241	200-260	210-279	217-307	250-350	280-390		
CHP4	135-175	155-210	195-265	235-315	260-345	285-375	300-400	310-410	360-500	400-555		
CHP5	158-205	181-246	230-310	275-370	305-405	335-440	352-460	380-500	422-550	468-600		
CHP6		220-300	280-380	335-450	370-490	410-535	430-570	440-630	515-715	570-790		
CHP100	45-55	50-60	55-70	60-80	70-90	75-95	80-100	85-110	100-140			
CHP200		90-120	120-150	140-180	150-190	160-200	170-220	190-235	210-250			
CHP300		115-140	150-185	180-220	200-240	220-260	230-280	250-320	300-380	350-440		
CHP400		140-175	185-230	225-280	255-320	275-345	295-370	325-430	360-490	410-560	465-630	
CHP500		175-220	230-290	280-350	320-400	345-430	365-455	405-535	445-605	510-700	580-790	
CHP800		260-335	325-425	385-500	435-545	470-600	495-730	545-800	600-950	690-1050	785-1200	
CMP800			495-585	530-630	580-690	645-820	735-980	910-1120	1100-1285	1280-1580	1460-1935	
CMP1000			615-730	650-815	720-900	805-1010	915-1210	1110-1450	1375-1750	1580-2060	1830-2420	

Note: The capacities given in the tables are average values. They are valid for crushing dry material equal to 1.6 t/m³ bulk density. It is calculated that fine particles are removed before the crusher, F80 (the size of a square hole through which 80% of the feed passes) is approximately 70% of maximum feed size SH.

CCH&CCS Series Cone Crushers

CENTERCONE CCH&CCS series crusher is preferred for medium hard and hard minerals in various industries with its high capacity, stability and high working speed advantages. Its advanced design concept, adjustable eccentricity design and reliable hydraulic iron protection system ensure that it has low failure rate even in large feeding intervals.



Strong key features;

- **Wide output range design;** Adaptable to more working conditions,
- **Adjustable eccentric;** Allows the crusher to work in different ores and different processes.
- **Special crushing chamber design;** Provides more even wear of the liner and extends the life of the liner.
- **Low maintenance and operating costs;** Strong body, bearing, long-life liner design and low failure rate, even under heavy loads, make this crusher series have low maintenance and operating costs.
- **Intelligent control system;** PLC control system allows the crusher to monitor local and remote instant control.
- **Sensitive and reliable iron protection system;** It is realized by the hydraulic system and cylinder designed to protect the crusher.
- **Elastic vibration damping;** Special elastic damping parts used instead of traditional rigid connection parts effectively absorb the impact applied by the crusher to the foundation and extend the life of the crusher.





CENTERCONE CCS Series Cone Crusher Technical Specifications

Crusher Type	Power (kW)	Weight (kg)	Cavity	Maximum feed size (mm)	Crusher capacity t/h corresponding to CSS(mm)															
					19	22	25	29	32	35	38	41	44	48	51	54	60	64	70	76
CCS420	90	6800	EC	240		102-118	108-144	115-158	121-168	127-145	132									
			C	200	82-110	87-116	92-128	98-113	103											
CCS430	160	12000	EC	360			151	161-245	169-257	176-293	184-310	192-327	200-344	210-306	218-256	225				
			C	300			170-196	182-277	191-290	199-304	208-317	217-330	226-302	237						
			MC	235	130	137-209	147-224	154-235	161-245	168-261	175-275	182-244	192							
CCS440	250	19300	EC	450					309-340	325-495	337-513	349-563	361-601	373-524	389-456					
			C	400				331	344-523	362-551	375-571	389-515	402-467	415						
			MC	300		281	292-445	304-463	320-487	332-505	344-455	355-413	367							
CCS660	315	35700	EC	560						331-385	345-514	359-593	378-624	392-647	406-670	420-693	452-746	480-792	508-765	540
			C	500					335	350-464	364-602	379-626	399-658	413-683	428-707	458-755	477-710	507-589		



CENTERCONE CCH Series Cone Crusher Technical Specifications

Crusher Type	Power (kW)	Weight (kg)	Cavity	Maximum feed size (mm)	Crusher capacity t/h corresponding to CSS(mm)													
					4	6	8	10	13	16	19	22	25	32	38	44	51	57
CCH420	90	5300	EC	155				55	59-90	64-97	69-104	73-111	78-118	89-128				
			C	103				59-72	64-97	69-105	74-113	79-120	85-128	96				
			M	76				57-94	62-102	67-101	72-81							
			MF	58			43-71	46-75	49-75	53-65	57							
			F	42	27-34	29-50	31-54	32-57	35-48	37-42								
			EF	31	30-40t/h(80% < 4.5-5.5mm)													
CCH430	160	9200	EC	215				82-119	88-150	95-161	101-171	108-182	123-208	136-212				
			C	168			81	88-143	95-155	102-166	109-177	116-189	132-215	146-176				
			MC	129			73-88	79-140	85-151	91-162	97-173	104-184	118-156					
			M	101		61	64-109	70-131	75-142	80-152	86-162	91-154	105-116					
			MF	86		52-57	55-94	65-106	70-115	76-124	81-126	87-114	84-101					
			F	62	42	48-78	51-83	54-88	59-96	63-103	68-105	72-95	77					
EF	42	70-105t/h(80% < 5-5.6mm)																
CCH440	250	14300	EC	250				112-155	121-214	129-276	138-294	147-313	168-357	185-395	203-384			
			C	204				108-137	117-223	126-292	134-312	143-332	163-378	180-335	197-229			
			MC	157				118-164	128-262	137-282	146-301	156-320	177-328	196-247				
			M	124				125-206	135-278	145-298	154-318	164-339	187-284	207-234				
			MF	98				124-227	134-245	144-263	153-281	163-299	186-248	180-203				
			F	83		90-135	96-176	104-191	112-206	120-221	129-236	137-251	156-208					
EF	47	100-125t/h(80% < 6-7.5mm)																



CENTERCONE CCH Series Cone Crusher Technical Specifications

Crusher Type	Power (kW)	Weight (KG)	Cavity	Maximum Feed Size (mm)	Crusher capacity (t/h) corresponding to CSS (mm)																	
					6	8	10	13	16	19	22	25	32	38	44	51	57	64	70			
CCH660	315	26800	EC	321							190-338	203-436	216-464	246-547	272-605	298-662	328-511					
			CX	275							200-374	213-488	227-519	259-592	286-654	313-539	345-440					
			C	253				219-231			235-379	251-480	267-510	305-582	337-643	369-635	406-519					
			MC	198				207-264			222-426	237-455	252-484	287-552	318-582	348-522	383-404					
			M	155				203-326			217-440	232-470	247-500	282-532	311-536							
			MF	133				184-215	198-375			213-402	227-430	242-457	276-521	305-491						
			F	95				195-304	210-328			225-352	241-376	256-400	224-423	248-399						
			EF	62				110-116	116-220	211-293	227-316	244-298	261-290	166-213								
CCH860	500	39710	EC	315					326		350-527	374-632	398-725	454-803	501-898	549-985	604-1071					
			c	263				320-456			344-548	368-653	390-749	447-836	492-933	535-1022	596-1126					
			MC	196				314-466			336-536	360-607	383-702	436-797	483-886	528-955	581-1055					
			M	152				289-675			310-541	331-632	353-710	401-768	444-859	486-943	536-1036					
CCH865	500	38930	MF	123			210	228-501	246-574		264-616	283-658	300-700	343-615	378-529	414						
			F	97			189-416	205-479	221-549		238-585	254-621	270-680	308-554	340-476	373						
			EF	72			168-393	183-425	196-459		211-493	225-526	240-560	274-493	303-424	331						
CCH870	600	49800	EC	350									477-849	544-968	601-1070	658-1172	725-1291	782-1393	849-1512	806-1331		
			c	287										483-806	511-893	525-1018	581-1125	636-1232	700-1357	756-1464	820-1461	776-1286
			MC	236								443-740	476-793	502-857	522-994	544-1055	596-1155	657-1272	708-1373	769-1370	721-1206	
			M	184								432-733	468-786	495-836	519-953	533-1054	558-1154	592-1271	686-1372	710-1248	705-1098	
			MF	108					398-694			421-716	454-765	482-814	507-928	522-942	538-1021	572-1070				
			F	99				357-595	385-656			414-704	442-752	470-800	495-912	517-857	529-788					
			EF	88				290-505	304-517	328-558			352-598	376-639	405-710	455-775	503-728	551-669				
CCH890	750	76100		428									594-859	649-1309	696-1446	743-1584	798-1745	846-1883	801-2043	748-2181		
				382										697	622-974	682-1404	732-1552	783-1700	842-1873	893-2020	952-2193	812-2140
			EC	302								542-817	625-952	689-1232	743-1404	790-1552	836-1700	891-1873	937-2020	992-2005	963-1739	
			c	219				567-812				587-970	607-1051	626-1106	672-1261	701-1394	750-1526	796-1681	735-1814	780-1800	720-1561	
			MC	149				507-921				533-896	561-952	582-1012	566-1185	612-1265	671-1373	703-1513	742-1607	732-1396	638-1170	
CCH895	750	79100	M	139			248-789	468-839			487-864	507-935	537-997	486-1142	513-1207	592-1277	667-1458	705-1256				
			MF	112				392-723	418-826			445-853	462-903	498-972	543-1116	571-1134	564-1198	613-1320	687-1093			
			F	97			305-546	371-710	396-774			432-847	448-888	474-954	501-1036	533-1070	564-1163	601-1210	653-1010	570-862	502-669	
	EF	86			306-475	323-604	359-652			424-693	442-747	464-796	530-906	541-855	563-792	587-758						

Note: The capacities given in the table are calculated for processes operating in open circuit with a material bulk density of 1.6 t/m³ and containing materials smaller than the outlet gap size. The performance of the crusher depends not only on the crushed materials themselves, but also on the auxiliary equipment in the production line, such as feeders, screens, belt conveyors and silos.

CCJ Series Jaw Crushers

CCJ series jaw crusher is a new type of jaw crusher that is most preferred by users worldwide. This series jaw crusher offers the most advanced crushing technology and production capability. Combined with high quality alloy cast steel components and first-class bearings, it fully guarantees the high operating speed, high production capacity, high efficiency and low operating cost of the crushing process. You can choose our CCJ series jaw crusher for coarse and medium crushing, which can be widely used in metallurgy, mining, building materials, cement and other industries, especially for various ores of hard and abrasive rocks.



Strong key features,

- **Innovative modular design;** the body structure, which is produced with a non-welded manufacturing method and can be easily assembled and disassembled, provides maximum fatigue resistance and optimum strength to the crusher.
- **Integrated design of the crusher chassis and engine chassis;** reduces construction costs and shortens the on-site installation time of the crusher;
- **Special design of the deep V crushing chamber;** maximizes the crushing capacity,
- **Optimum design of the counterweight;** The unbalanced forces of the crusher are minimized and the life of the crusher increases.
- **Elastic vibration damping;** special elastic damping parts used instead of traditional rigid connection parts effectively dampen the impact applied by the crusher to the foundation and extend the life of the crusher.
- **Crusher outlet range design;** it can be adjusted quickly and easily with mechanical or hydraulic cylinder type options.



CENTERCONE CCJ Series Jaw Crusher Technical Specifications

Crusher Type	Weight (kg)	Feed width (mm)	Feed depth (mm)	Maximum feed size (mm)	Power (kW)	CSS (mm)	Speed (rpm)
CCJ63	6800	630	440	360	45	40-100	340
CCJ80	9500	800	510	420	75	40-175	350
CCJ96	11900	930	580	480	90	60-175	330
CCJ100	23300	1000	760	620	110	70-200	260
CCJ106	17100	1060	700	580	110	70-200	280
CCJ110	29500	1100	850	700	160	70-200	230
CCJ116	21500	1150	800	660	132	70-200	260
CCJ120	29500	1200	870	720	160	70-175	230
CCJ125	43900	1250	950	780	160	100-250	220
CCJ130	44000	1300	1000	820	160	100-250	220
CCJ140	54000	1400	1070	880	200	125-250	220
CCJ150	61500	1400	1200	1000	200	125-250	220
CCJ160	88500	1600	1200	1000	250	150-300	220
CCJ200	137500	2000	1500	1300	400	175-300	200
CCJ3054	30300	1375	760	630	160	70-200	260

Crusher Type	Crusher capacity (T/h) corresponding to CSS (mm)														
	40	50	60	70	80	90	100	125	150	175	200	225	250	275	300
CCJ63	40-45	55-60	65-70	80-90	95-105	110-120	120-135								
CCJ80	65-85	75-110	95-125	110-155	135-180	155-210	180-240	240-330	310-415	380-515					
CCJ96			120-155	145-180	160-210	185-245	210-280	280-380	360-480	440-590					
CCJ100				150-210	170-225	190-245	215-280	265-345	315-410	370-480	420-545				
CCJ106				175-215	190-240	220-270	230-315	305-415	385-525	470-640	560-760				
CCJ110				190-250	210-275	235-305	255-330	310-405	370-480	425-550	480-625				
CCJ116				190-235	205-270	235-290	260-330	310-420	390-525	470-635	560-755				
CCJ120				205-275	235-320	270-365	305-410	390-530	485-655	580-785					
CCJ125							290-380	350-455	410-535	470-610	530-690	590-770	650-845		
CCJ130							315-430	405-550	505-680	605-820	710-960	820-1110	935-1270		
CCJ140								385-500	455-590	520-675	590-765	655-850	725-945		
CCJ150								420-570	520-705	625-850	740-1000	855-1155	975-1320		
CCJ160									600-810	720-975	850-1150	985-1330	1120-1520	1265-1710	1410-1900
CCJ200										915-1240	1080-1465	1255-1700	1435-1900	1625-2200	1820-2460
CCJ3054				240-310	270-350	295-385	325-425	390-510	460-600	530-690	600-780				

Note: The data in the table are capacities not eliminated under open circuit operating conditions of the breaker. It is valid for materials with a bulk density of 2.7 tons/m³. Distribution of feed size, 80% from 1/2 of the maximum feed size, 50% from the maximum feed size It is less than 1/5 of its size.

