

SC/H800i系列
单缸液压圆锥破碎机

SC/H800i SERIES SINGLE
CYLINDER HYDRAULIC
CONE CRUSHERS



SC/H800i系列单缸液压圆锥破碎机

设备介绍
Equipment Introduction

红星集团SC/H800i系列单缸圆锥破碎机,是本公司根据市场需求并着眼于时代前沿,在SC系列圆锥破基础上的全面升级的新一代产品。该系列破碎机传承了SC系列诸多优点的同时,采用了更大的偏心距、提高转速、增大破碎比的腔型设计,以此提高通过量和成品率的同时降低了设备能耗。设备融入了最先进的互联网理念:全天候连接物联网平台,有效提高生产力、预测性能,并最大限度地提高设备正常运行时间。

SC/H800i series single cylinder cone crusher of Hongxing Group is a new generation product comprehensively upgraded on the basis of SC series cone crusher according to market demand and focusing on the forefront of the times. While inheriting many advantages of SC series, this series crusher adopts a cavity design with larger eccentricity, higher rotating speed and larger crushing ratio, so as to improve throughput and yield and reduce equipment energy consumption. The equipment incorporates the most advanced Internet concept: all-weather connectivity to the Internet of Things platform, effectively improving productivity, predicting performance, and maximizing the uptime of the equipment.

设备优势
Equipment Advantage

- 1.使用工业物联网平台可全天候访问破碎机生产的数据,对设备进行预测性维护并提高设备使用率;
- 2.上、下架体及主轴进行加固,更大幅度的提高了设备的可靠性;
- 3.标配离线过滤系统可保证润滑油全天候过滤,减少破碎机零件内部磨损,延长润滑油使用寿命达5倍;
- 4.全新智能系统可追溯一切运行数据,优化参数、处理故障、维护保养都可快速完成。

- 1.The industrial Internet of Things platform can be used to access crusher production data all weather, predictive maintenance of equipment and improve equipment utilization;
- 2.The upper and lower frame body and the main shaft are reinforced to greatly improve the reliability of the equipment;
- 3.Standard off-line filtration system can ensure all-weather lubricating oil filtration, reduce the internal wear of crusher parts, extend the service life of lubricating oil up to 5 times;
- 4.The new intelligent system can track all operational data, optimize parameters, deal with faults, and quickly complete maintenance.

技术参数
Technical Parameter

型号	腔型	给料口尺寸	最大进料尺寸	最小排料口尺寸	处理能力	电机功率
Model	Cavities	Feeding Size (mm)	Maximum Feeding Size(mm)	Minimum Discharging Size(mm)	Processing Capacity(t/h)	Power (kW)
SC840i	C1	431	345	25	230-659	315
	C2	345	275	22	212-645	
SH830i	F1	211	169	13	113-283	250
	F2	93	74	8	84-212	
	F3	61	49	5	61-139	
SH840i	F1	250	200	16	162-371	315
	F2	159	127	16	187-406	
	F3	73	58	10	126-232	
SH860i	F1	315	252	16	259-799	500
	F2	169	135	16	281-867	
SH865i	F3	85	68	10	179-468	630
SH870i	F1	350	280	25	392-1173	
	F2	184	147	19	351-1195	
SH890i	F3	99	79	13	236-747	800
	F1	428	342	25	488-1670	
	F2	302	242	22	524-1789	
SH895i	F3	219	175	19	460-1677	
	F4	112	90	13	291-910	
	F5	89	71	10	258-839	

注：产量根据不同物料、进料粒度等因素其结果将有所不同
Note: processing Capacity May Vary With Different Materials And Feeding Sizes.

技术参数变动恕不另行通知,设备重量及外形尺寸以实物为准。
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SC系列 单缸液压圆锥破碎机

SC SERIES SINGLE CYLINDER
HYDRAULIC CONE CRUSHERS

SC系列单缸液压圆锥破碎机

设备介绍 Equipment Introduction

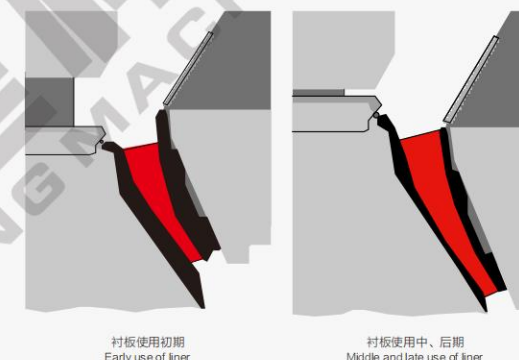
SC系列圆锥破碎机在吸收世界最先进的技术基础上，融入公司多年的设计经验研发而成，集机械、液压、电气和智能控制及远程控制为一体。相比其它圆锥破碎机生产能力大，能耗低。

SC series cone crusher is developed on the basis of absorbing the world's most advanced technology and integrating the company's years of design experience, integrating mechanical, hydraulic, electrical, intelligent control and remote control. Compared with other cone crushers, it has large production capacity and low energy consumption.

设备优势 Equipment Advantage

SC系列圆锥破碎机具有效率高、粒形好、液压调整、远程自动化控制、可选择多个破碎腔型以及在不更换任何零部件下调整偏心量等高性能的优点。

SC series cone crusher has the advantages of high efficiency, good product shape, hydraulic adjustment, remote automatic control, multiple crushing cavity types and adjustment of eccentricity without changing any parts.

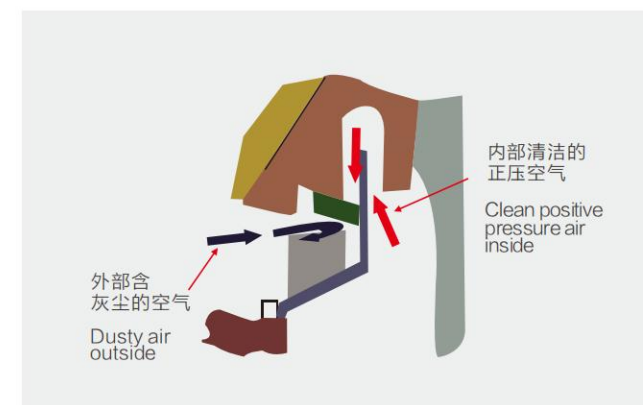


恒定破碎腔型

在整个衬板磨损寿命周期中出料粒度和产能基本保持不变。

Constant crushing chamber type

In the whole lining wear life cycle, the discharge particle size and productivity remain basically unchanged.



正压防尘系统

有效防止灰尘等杂物进入设备和油箱内部，避免润滑油污染。

Positive pressure dust proof system

Effectively prevent dust and other sundries from entering the equipment and oil tank to avoid lubricating oil pollution.



无需填料的衬板安装方式，更换方便

无填料结构可减少衬板的更换时间，节约更换费用，提高设备正常运行时间。

No glue packing lining plate installation, easy replacement.

No glue packing structure can reduce the replacement time of lining board, save the replacement cost, Improve equipment uptime.



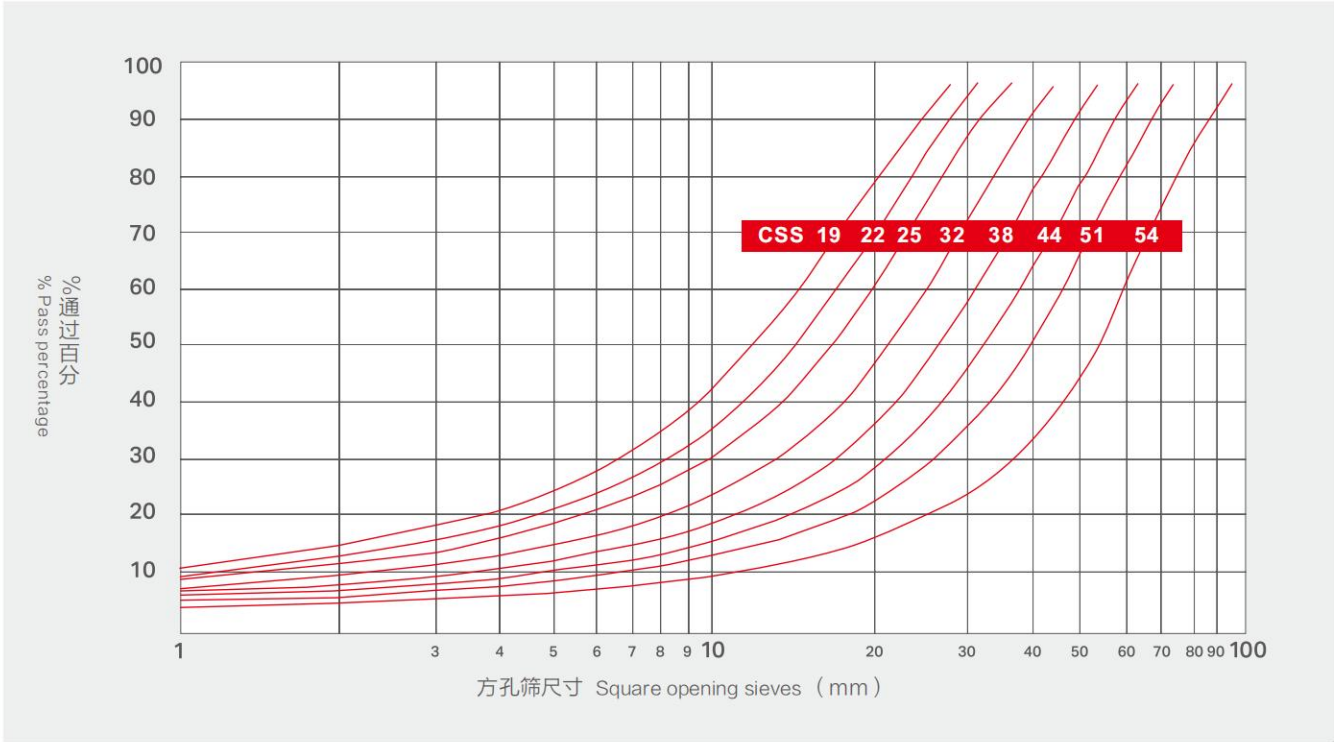
智能控制系统

人机交互界面易懂易用且高效使操作维护简单，最大化的提高生产率。

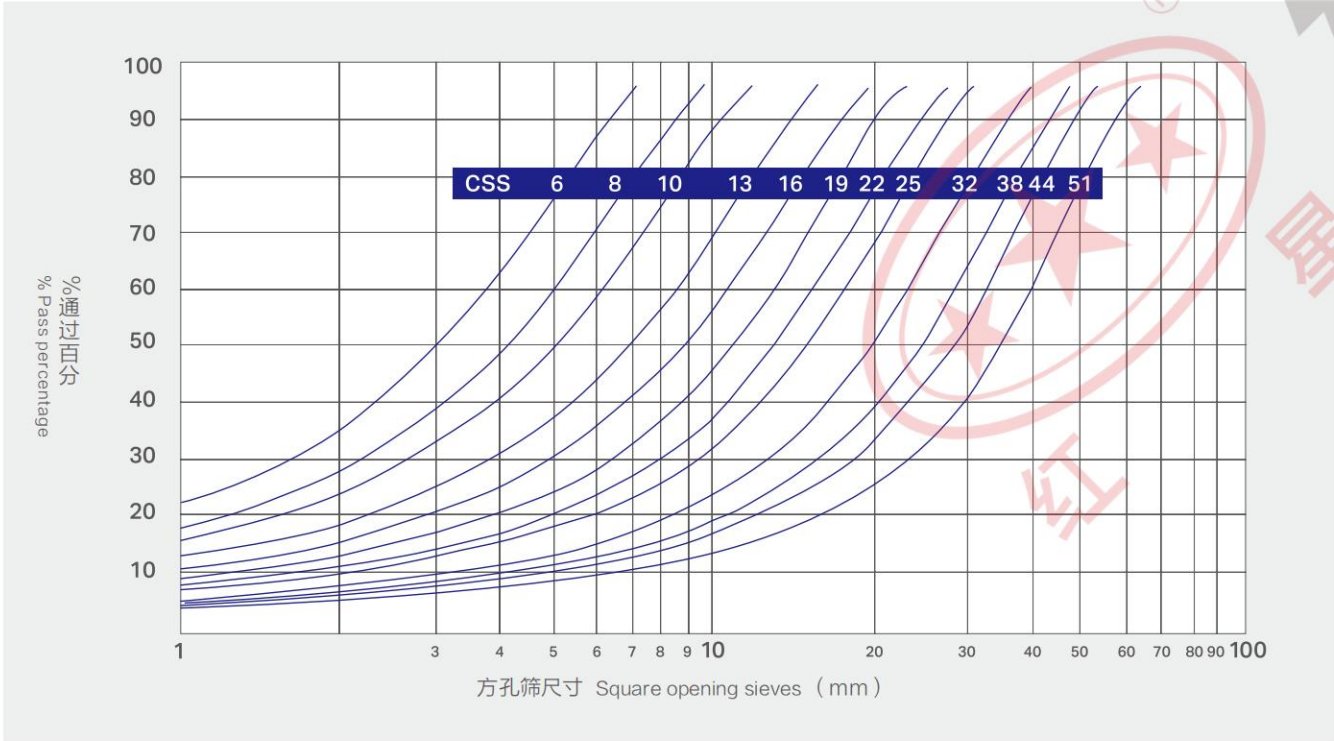
Intelligent control system

The human-machine interaction interface is easy to understand, easy to use and efficient, making the operation and maintenance simple, maximize productivity.

粒度曲线
Indicative Gradation Curve



SC-S 中碎粒度分布曲线 SC-S medium crushing Indicative gradation curve



SC 细碎粒度分布曲线 SC fine crushing Indicative gradation curve

技术参数
Technical Parameter

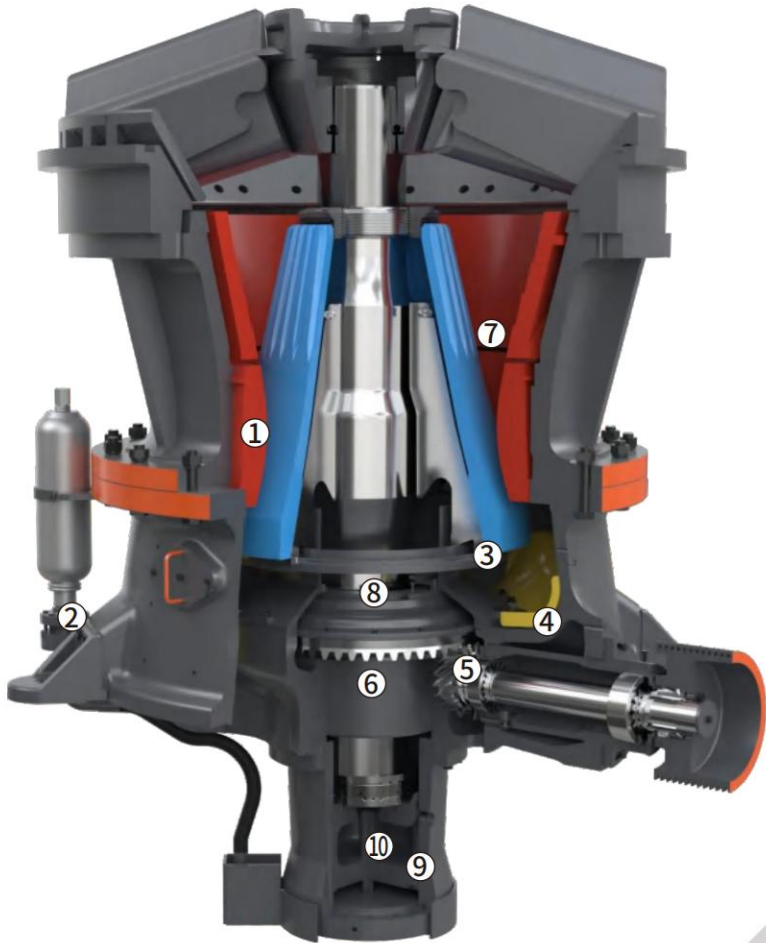
型号	腔型	给料口尺寸	最大进料尺寸	最小排料口尺寸	处理能力	电机功率
Model	Cavities	Feeding Size (mm)	Maximum Feeding Size(mm)	Minimum Discharging Size(mm)	Processing Capacity(t/h)	Power (kW)
中碎系列						
SC100S	C1	240	175	22	85-170	90
	C2	200	160	19	70-130	
SC160S	C1	360	290	25	125-345	160
	C2	300	240	22	108-305	
SC250S	C1	450	360	35	265-524	250
	C2	400	320	29	225-448	
SC315S	C1	560	450	41	349-1050	315
	C2	500	400	38	318-892	
SC450S	C1	600	480	44	498-1500	450
	C2	480	385	41	454-1274	
细碎系列						
SC100	F1	150	120	10	45-135	90
	F2	90	70	10	43-118	
	F3	50	40	6	25-40	
SC160	F1	200	160	13	69-215	160
	F2	115	90	10	57-184	
	F3	75	60	8	70-90	
SC250	F1	240	190	16	116-396	250
	F2	140	110	13	97-346	
	F3	70	55	9	90-251	
SC315	F1	275	220	32	177-662	315
	F2	215	170	29	209-643	
	F3	175	140	29	162-552	
	F4	85	70	19	175-325	
SC560	F1	300	240	22	448-1512	560
	F2	195	155	19	380-1373	
	F3	90	70	13	357-912	
SC750	F1	370	295	25	394-2181	750
	F2	300	240	19	342-2020	
	F3	230	185	16	267-1814	
	F4	120	95	13	248-1165	
	F5	85	70	10	185-1170	

注：产量根据不同物料、进料粒度等因素其结果将有所不同
Note: processing Capacity May Vary With Different Materials And Feeding Sizes.

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内部结构
Internal Structure

- ① 衬板
Liner
- ② 高压系统
High pressure system
- ③ 正压防尘系统
Positive pressure dust-proof system
- ④ 筋护板
Rib guard
- ⑤ 齿轮
Gear
- ⑥ 偏心套
Eccentric sleeve
- ⑦ CLP破碎腔
CLP crushing chamber
- ⑧ 偏心衬套
Eccentric bushing
- ⑨ 高压油封
High pressure oil seal
- ⑩ 位移传感器
Displacement sensor



生产能力
Technical Parameter

SC(S)系列中碎圆锥破碎机生产能力
SC(S) Series Intermediate Cone Crusher Production Capacity

型号		SC100S		SC160S		SC250S		SC315S		SC450S	
腔型		C1	C2	C1	C2	C1	C2	C1	C2	C1	C2
排料口尺寸	19	-	70	-	-	-	-	-	-	-	-
	22	85	76-95	-	107	-	-	-	-	-	-
	25	92-115	82-128	125	116-145	-	-	-	-	-	-
	29	101-152	90-112	138-172	127-199	-	225	-	-	-	-
	32	107-170	96	147-230	135-256	-	239-301	-	-	-	-
	35	114-143	-	156-293	144-269	265	254-381	-	-	-	-
	38	121	-	165-310	152-285	281-351	269-403	-	318	-	454
	41	-	-	174-327	161-301	297-370	284-425	349	336-420	498	480-600
	44	-	-	183-344	169-264	313-390	298-448	368-469	353-618	526-670	504-883
	48	-	-	196-306	180	334-417	318-398	392-589	376-752	560-840	537-1074
	51	-	-	205-256	-	349-524	333	410-717	394-787	586-1024	563-1124
	54	-	-	-	-	365-456	-	428-858	394-787	611-1226	563-1124
	57	-	-	-	-	-	-	446-893	429-857	637-1276	613-1224
	60	-	-	-	-	-	-	465-929	446-892	665-1327	637-1274
	64	-	-	-	-	-	-	489-978	469-822	670-1397	670-1174
	70	-	-	-	-	-	-	525-1050	504-631	750-1500	720-901

SC系列细碎圆锥破碎机生产能力
SC series fine cone crusher production capacity

型号		SC100			SC160			SC250			SC315			
腔型		F1	F2	F3	F1	F2	F3	F1	F2	F3	F1	F2	F3	F4
排料口尺寸	4	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	-	-	-	-	-	-
	6	-	-	36	-	-	-	-	-	-	-	-	-	-
	8	-	-	38-67	-	-	61	-	-	90-135	-	-	-	-
	10	45	43-53	40-71	-	57	65-106	-	-	96-176	-	-	-	-
	13	50-85	46-89	44-68	69-108	62-140	70-116	-	97-122	104-206	-	-	-	195-304
	16	54-92	50-96	47-53	75-150	67-151	76-124	114-200	105-262	112-221	177	171-190	162-253	210-328
	19	58-99	54-103	-	80-161	72-162	81-126	122-276	113-282	120-236	190-338	184-367	174-426	225-352
	22	62-105	57-110	-	86-171	77-173	87-114	131-294	120-301	129-251	203-436	196-480	186-455	241-376
	25	66-112	61-118	-	91-182	82-184	92-120	139-313	128-320	137-228	216-501	209-510	198-484	256-400
	29	72-121	66-102	-	98-197	88-160	130	150-338	138-346	148-222	233-547	226-551	214-523	276-432
	32	76-128	70	-	104-208	-	-	159-357	146-328	156-208	246-576	238-582	226-552	292-401
	35	80-98	-	-	109-219	-	-	167-376	154-307	164	259-605	251-612	238-581	307-346
	38	-	-	-	115-208	-	-	175-395	161-242	-	272-634	263-643	249-499	323
	41	-	-	-	-	-	-	184-413	169-211	-	285-662	276-612	261-465	-

型号		SC560			SC750				
腔型		F1	F2	F3	F1	F2	F3	F4	F5
排料口尺寸	10	-	-	-	-	-	-	-	258-321
	13	-	-	357-395	-	-	-	291-560	281-540
	16	-	-	385-656	-	-	-	314-605	303-583
	19	-	380-440	414-704	-	-	460-534	337-649	325-625
	22	448-588	406-723	442-752	-	524-692	491-807	360-693	347-668
	25	477-849	432-837	470-800	488-566	557-916	522-1005	383-737	369-710
	29	515-917	467-904	508-864	527-781	602-1158	564-1086	414-796	399-767
	32	544-968	492-954	536-912	556-1003	635-1223	595-1146	437-840	421-810
	38	601-1070	544-1055	592-857	614-1182	702-1351	658-1267	483-910	465-839
	44	658-1172	596-1155	649-718	673-1295	769-1480	721-1387	529-869	509-796
	51	725-1291	657-1272	-	741-1426	847-1630	794-1528	582-770	561-696
	57	782-1393	708-1373	-	800-1539	914-1759	857-1649	628-679	605
	64	849-1521	769-1370	-	868-1670	992-1789	930-1677	-	-

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