



山美

JC 欧星系列 颞式破碎机

JC Series Jaw crusher

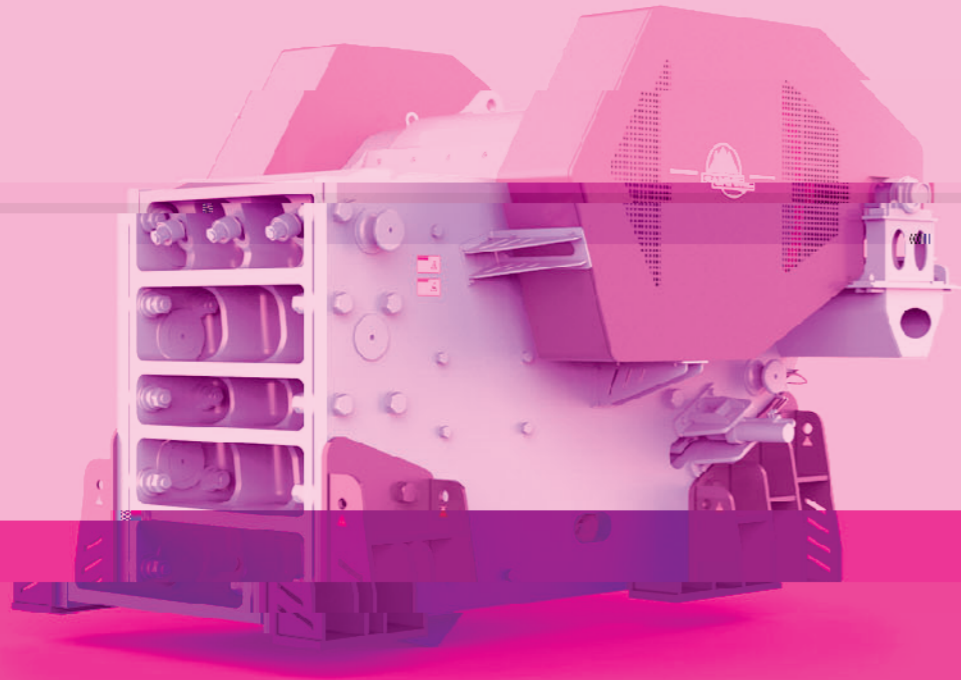


JC欧星系列颚式破碎机

JC Series Jaw Crusher

JC欧星系列颚式破碎机主要作为粗碎破碎机用于砂石骨料生产、矿物加工和建筑固废资源化领域。该产品系列具有多种不同型号，可以满足广泛应用的高要求，在保证可靠性、破碎比、生产能力的同时，实现低运营成本和高效益。

JC series jaw crushers are mainly used as primary crushers in aggregates production, mining operations and recycling applications. The product range is available in a wide variety of models to meet the high requirements of applications. It can provide high efficiency while maintaining reliability, crushing ratio and production capacity.

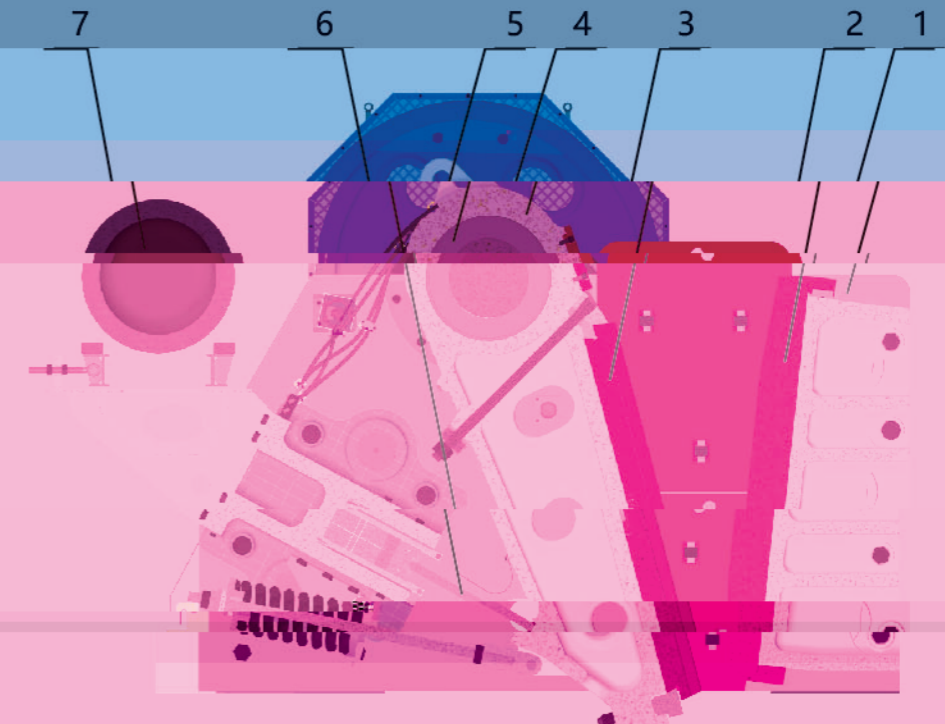


JC欧星系列颚式破碎机是采用专业的破碎技术和研究成果，在几十年的颚式破碎机设计制造经验的基础上，采用有限元分析方法成功开发的新一代产品。与传统的颚式破碎机相比，JC欧星系列颚式破碎机在设计和制造方面对细节更为重视，采用高强度材料及专业的制造工艺，具有结构强度更高、设备可靠性更高、破碎比更大、产量更高、综合加工成本更低等优势。

JC series Jaw Crusher has adopted professional crushing technology and research achievements, it is the new crusher which is successfully developed by using finite element analysis method based on years' experience on jaw crusher design and manufacture. Compared with traditional jaw crusher, JC series Jaw Crushers pay more attention to the details. Adopt high strength material, first-class manufacturing process, and the JC series Jaw Crushers provide the professional of excellent-strength structure, reliable equipments, higher crushing ratio, bigger capacity and lower cost.

JC欧星系列颚式破碎机主要特点

Features and Benefits



- | | | | |
|------------------|------------------------|--------------------------|------------|
| 1 机架 Frame | 2 固定齿板 Fixed Jaw Plate | 3 活动齿板 Movable Jaw Plate | |
| 4 动颚 Movable Jaw | 5 偏心轴 Eccentric Shaft | 6 肘板 Toggle | 7 电机 Motor |

1 坚固的结构

机架分为焊接式和组拼式两种。中小型规格一般采用焊接式，大型规格一般采用组拼式。

焊接式采用大弧度过渡圆角、低应力区焊接方式，大大降低了应力集中，保证了机架在各方向强度的均等，具有耐冲击性、受力均匀、低故障率等特点。

组拼式采用模块化、无焊接框架结构设计，运输、安装更加方便，特别适用于地下矿井、高海拔矿山等狭小、运输困难场所安装。

Sturdy Structure

机架分为焊接式和组拼式两种。中小型规格一般采用焊接式，大型规格一般采用组拼式。

Welded frame adopts wide transitional round edge, significantly reducing the stress concentration, ensure the frame under equal strength. It owns the features of good impact resistance and low failure rate, bears same pressure, etc.

Packaged frame uses advanced modularization, no-welding frame structure design, high endurance strength and reliability. The whole set assembling convenient for the transportation and installation, especially suitable for installation of underground mine shaft, high altitude mine, as well as other narrow and difficult transporting place.

2 优越的腔型设计，进料粒度大

采用对称“V”形腔设计，肘板大倾角、大冲程，比传统PE系列颚破进料粒度更大、产量更高、粒度更加均匀，颚板磨损降低。

The optimized cavity design enables excellent material feeding capacity

The cavity is engineered in symmetrical "V" type, providing a good steep angle of the toggle plate and a long stroke, which enables a large size of feeding material, high output and better gradation also reduces wear on the jaw plate comparing with traditional PE Series Jaw Crushers.

设备技术参数

Technical Data

型号 Model	IC231	IC340	IC3540	IC440	IC443	IC549	IC54900	IC5149	IC555	IC5155	IC649	IC659	IC663	IC759	IC771	IC77100	IC7830		
给料口宽度 (mm) Feed opening width (mm)	800	1060	1060	1020	1100	1250	1250	1250	1400	1400	1250	1500	1600	1500	1800	1800	2100		
给料口深度 (mm) Feed opening depth (mm)	330	680	650	760	650	650	1000	1050	1070	1170	1100	1200	1200	1300	1500	1500	1500		
电机功率 (kw) Power (kw)	55-75	75-90	75-90	90-132	132-160	160-200	160-200	160-200	160-220	160-220	160-200	200-250	250-355	220-315	315-400	315-400	355-500		
紧边排放口 (mm) Closed side setting (mm)	生产能力 Capacity								生产能力 Capacity										
40	50-65																		
50	60-80																		
60	70-95	85-110																	
70	80-110	95-125		120-155															
80	90-125	110-145		140-185	190-250														
90	110-140	125-160		165-215	210-275														
100	125-160	135-175		185-240	235-305														
110	135-180	145-190	120-156	205-270	255-330	315-410													
125	155-205	165-215	145-190	240-310	280-360	350-455			385-500		400-520								
150	190-250	200-265	185-240	290-380	310-405	410-535			455-590		460-600	485-630	520-675	480-600	590-770	590-770			
160		210-275	200-260	315-410	370-480	435-565	480-625		480-625		485-630	515-670	550-715	505-635	630-820	630-820			
175		220-300	220-295	345-450	390-500	470-610	520-675		520-675		520-675	560-730	595-775	545-685	665-890	665-890	760-990		
200			265-345	400-520	425-550	530-690	585-760		590-765		580-755	640-830	675-875	615-770	780-1010	780-1010	880-1120		
210			280-365		480-625	555-720	610-795	650-825	615-800		605-785	670-870	705-915	640-800	815-1060	815-1060	925-1200		
215			290-380		515-670	565-735	625-815	660-875	630-820		615-800	685-890	720-935	655-820	835-1085	835-1085	950-1235		
225			305-400			615-800	650-845	685-890	655-855		755-980	640-830	715-930	630-850	870-1130	870-1130	995-1295		
250						650-845	715-935	755-985	725-945		825-1070	700-910	790-1030	825-1075	965-1250	965-1250	1115-1400		
275							780-1020	810-1055			895-1170	750-900	820-1020	890-1120	1065-1370	1065-1370	1230-1600		
300							855-1085	925-1070				870-1000	945-1150	920-1195	1130-1400	1075-1400	1255-1630		
325								850-1105	920-1125				945-1225	980-1275	1185-1495	1150-1495	1350-1755		
350									940-1230				1030-1335	1055-1375	1250-1615	1245-1615	1470-1910		
375													1095-1425	1095-1425	1335-1800	1335-1735	1590-2060		
400																	1505-1955	1790-2275	
425																		1595-2100	1820-2370
450																			2060-2700

注：所列破碎机的生产能力是基于中等硬度岩石的瞬时取样测定结果。以上数据仅供参考，具体项目的设备选型请联系我们的工程师。
以上数据所表示的破碎机产量，是针对平均比重为2.7t/m³的中等易碎性岩石，给料能顺利进入破碎腔、无架桥卡堵现象，给料剔除小于排放口细料时取小值，含细料时取大值。产量可能随给料方式和物料性质诸如粒度组成、含水含泥量、松散密度和可碎性而变化。

Note: The crusher capacities listed are based on instantaneous sampling of medium hardness rocks. The above data is for reference only, please contact our engineers for equipment selection for specific projects.

The crusher output shown in the above figures is based on crushing medium fragile rocks with an average specific gravity of 2.7t/m³, when

破碎机紧边排料口的检测方法随所用颚板齿型的变化有所不同。它将影响破碎机的能力和产品粒度产生影响。以下因素可提高破碎机能力和操作性能：

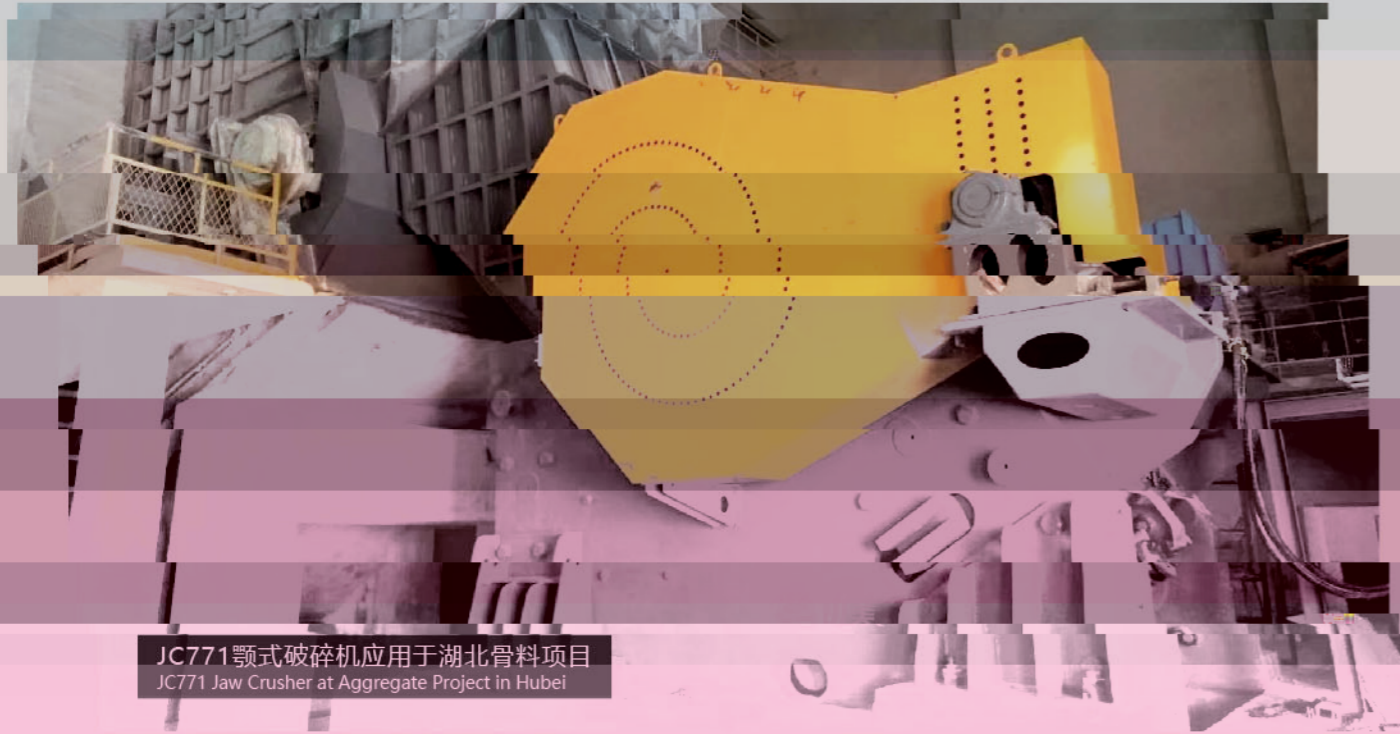
1. 选用适当的颚板;
2. 适当的给料级配;
3. 可控的给料速率;
4. 充足的给料能力和给料宽度;
5. 充足的破碎机排料区域;
6. 与破碎机最高产量相匹配的排料皮带输送能力。

The method of testing the closed side setting of a crusher varies with the tooth type of jaw used. It will have an effect on the crusher capacity and product size. The following factors can improve crusher capacity and operating performance:

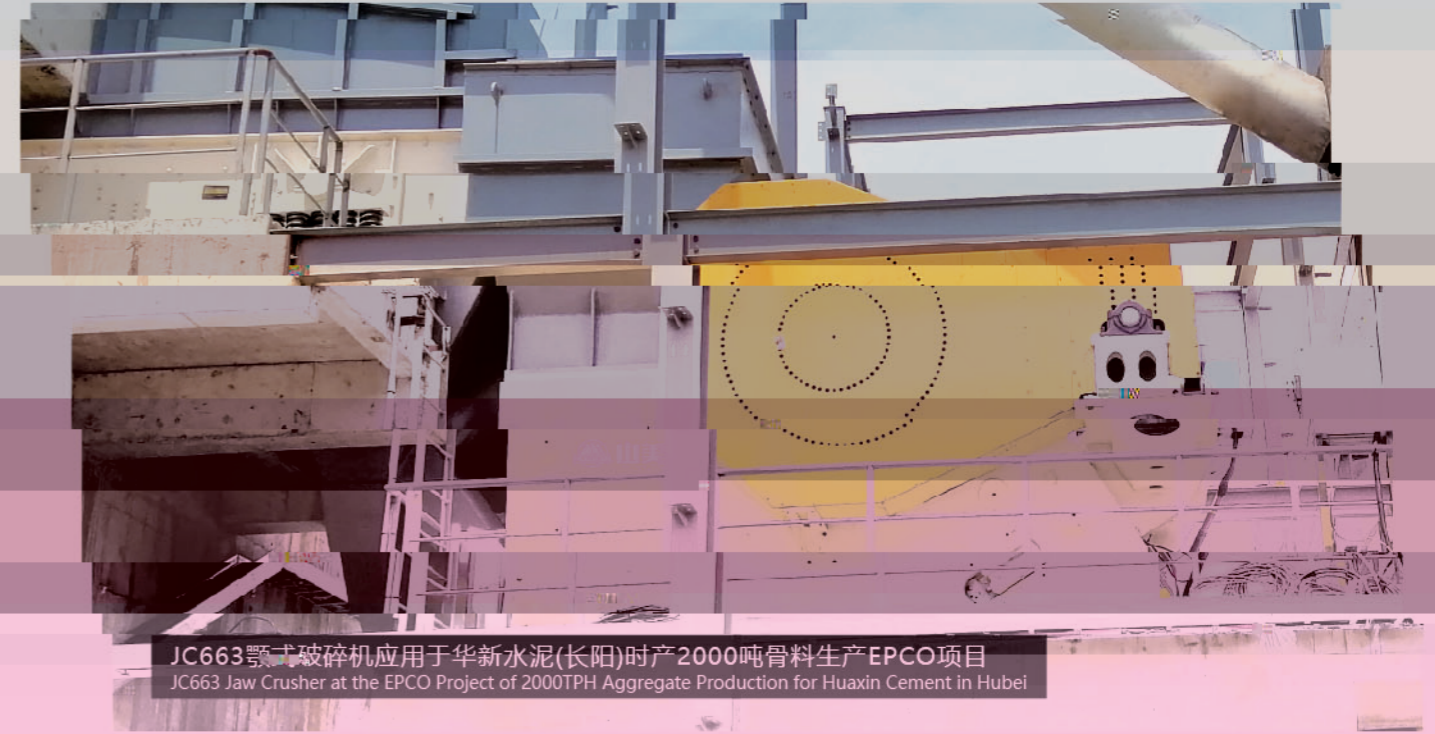
1. Proper jaw plate selection.
2. Adequate feed gradation.
3. Controllable feed rate.
4. Adequate feed capacity and feed width.
5. Adequate crusher discharge area.
6. Discharge belt conveying capacity matching the maximum output of the crusher.



项目展示 Projects



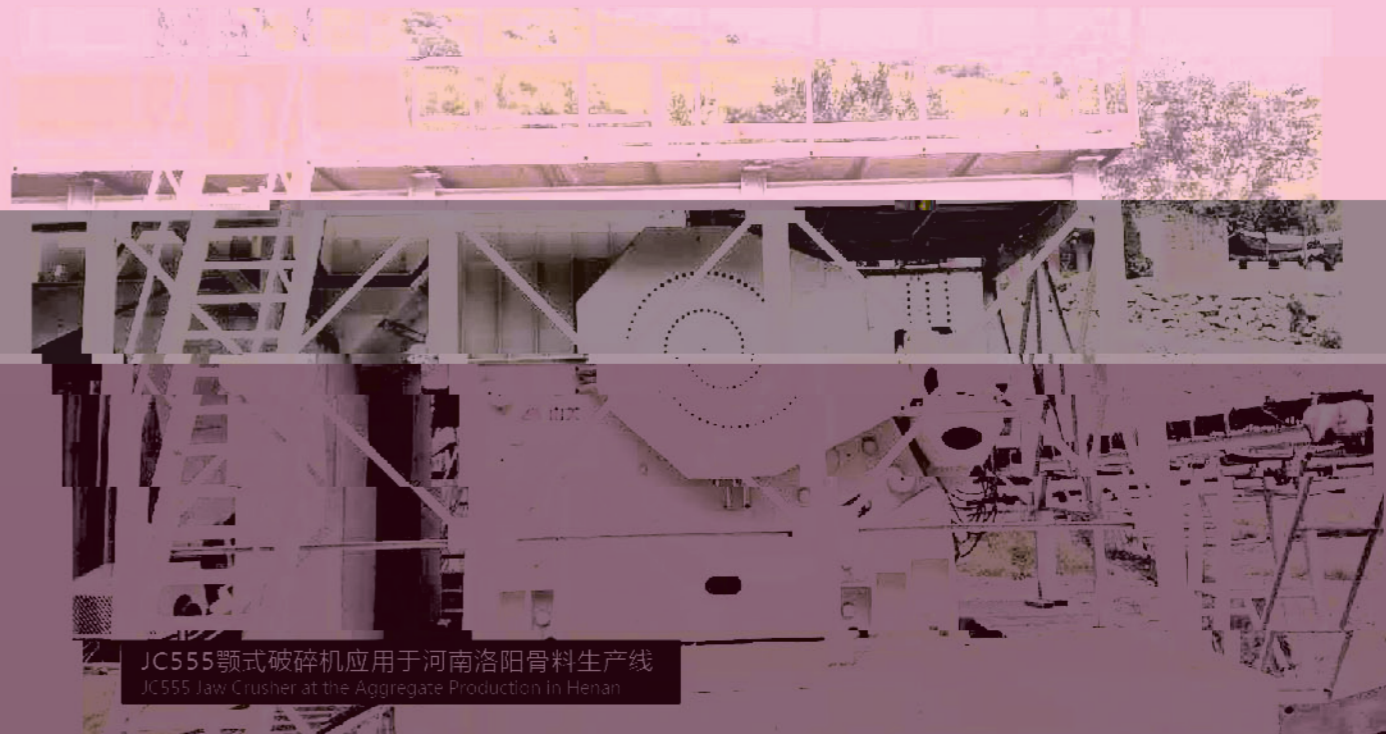
JC771 颚式破碎机应用于湖北骨料项目
JC771 Jaw Crusher at Aggregate Project in Hubei



JC663 颚式破碎机应用于华新水泥(长阳)时产2000吨骨料生产EPCO项目
JC663 Jaw Crusher at the EPCO Project of 2000TPH Aggregate Production for Huaxin Cement in Hubei



JC663 颚式破碎机应用于南京中材缅甸项目
JC663 Jaw Crusher at the Project for Nanjing Sinoma in Myanmar

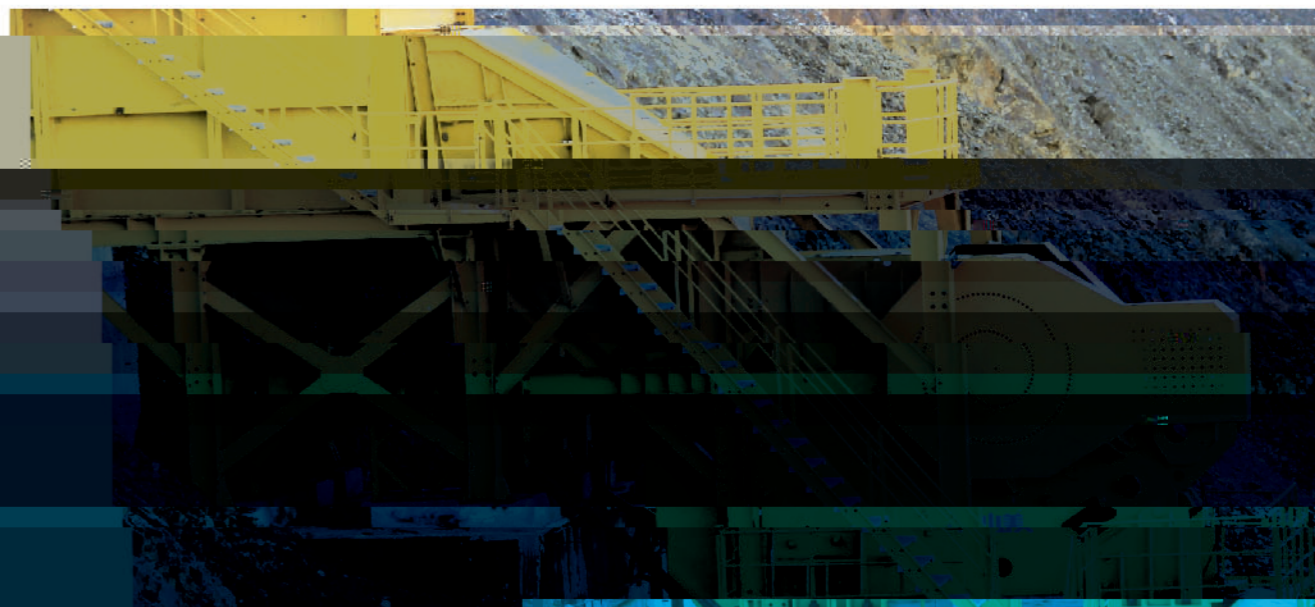


JC555 颚式破碎机应用于河南洛阳骨料生产线
JC555 Jaw Crusher at the Aggregate Production in Henan

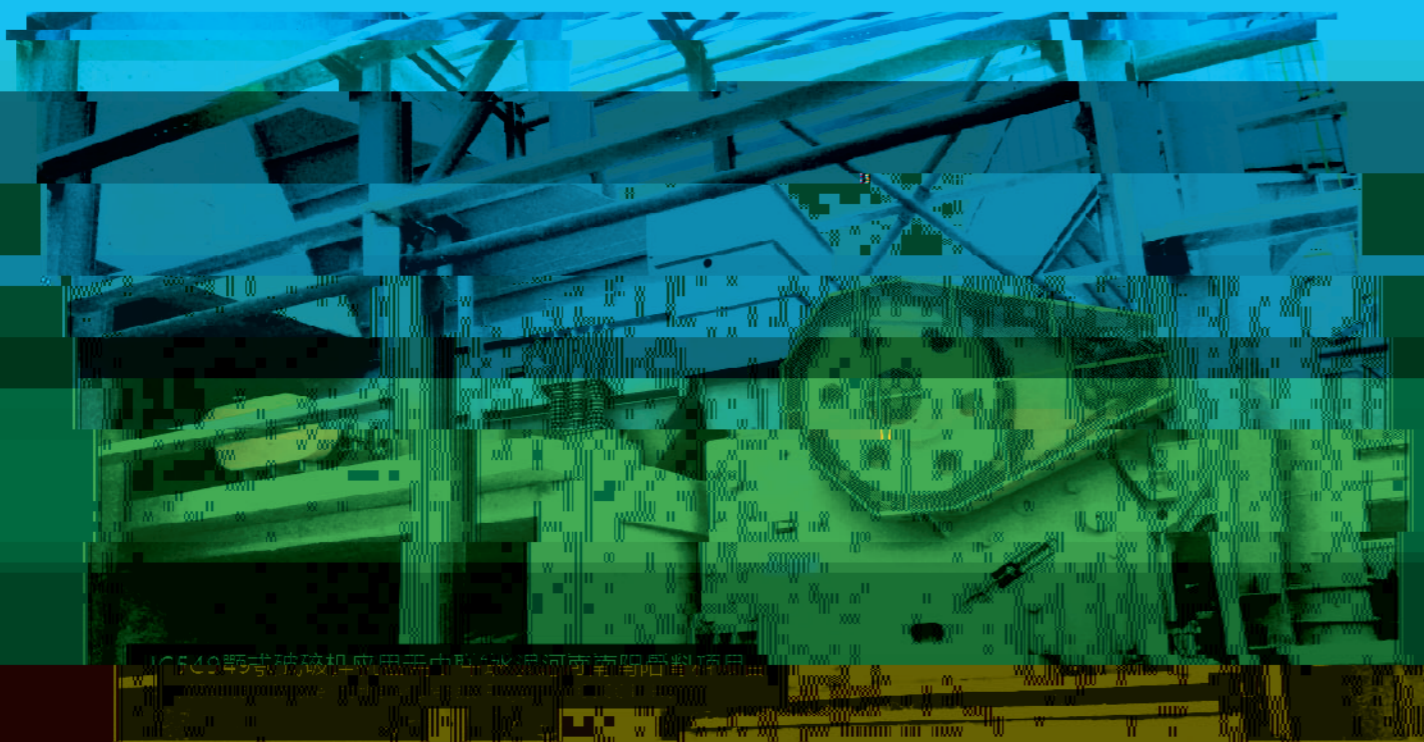
项目展示 Projects



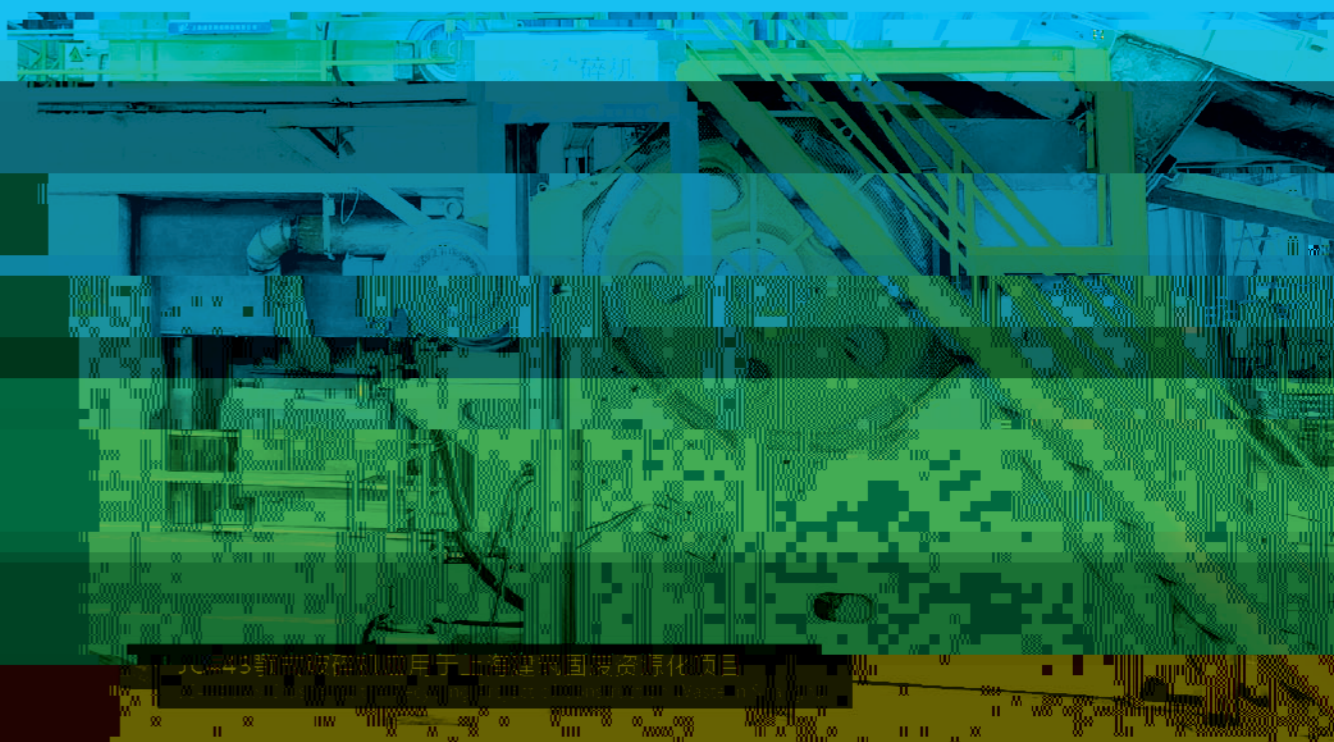
JC663 颚式破碎机应用于广西柳州骨料项目
JC663 Jaw Crusher at the Aggregate Production in Guangxi



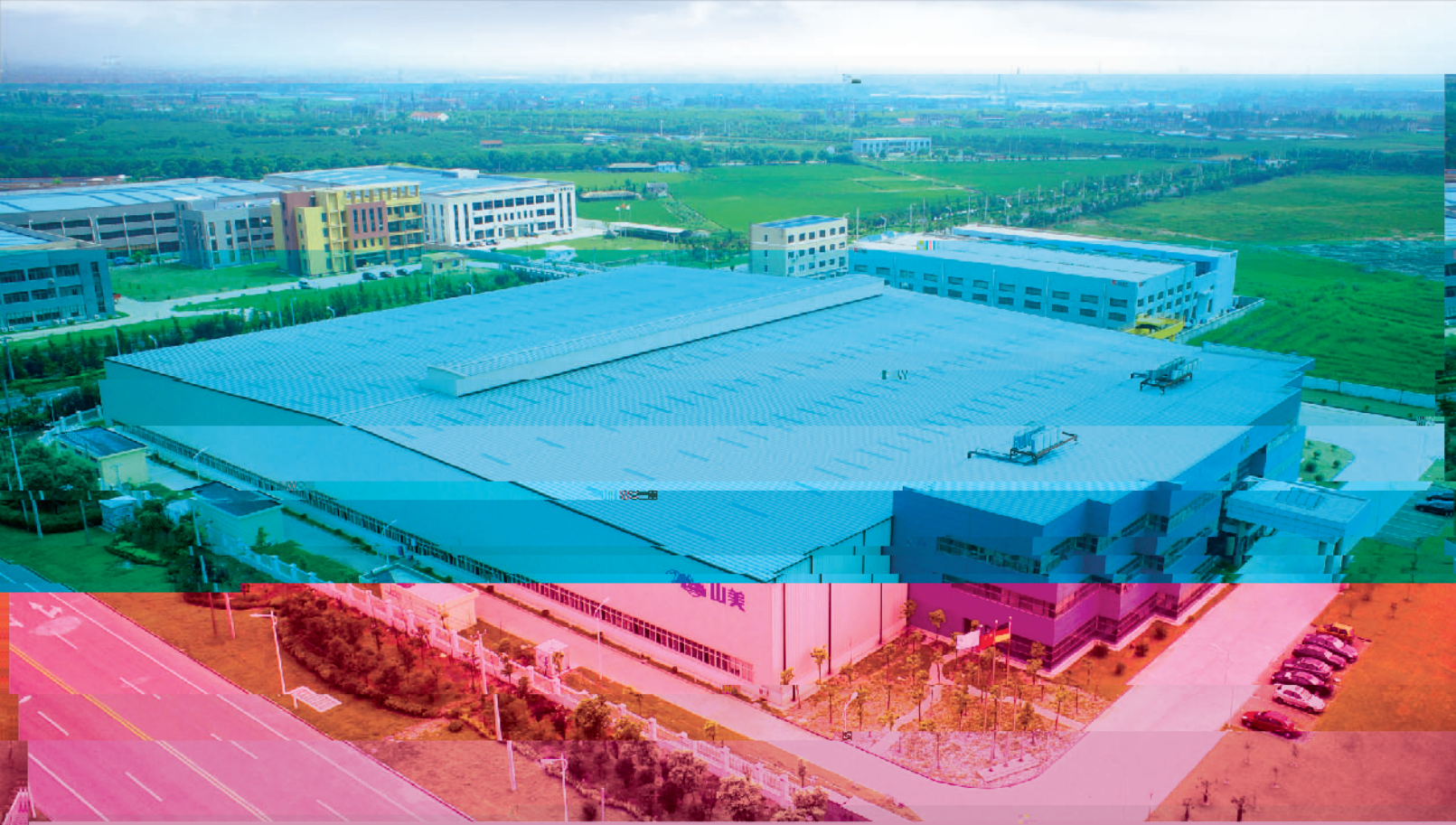
JC659 颚式破碎机应用于蒙古铁矿石破碎项目
JC663 Jaw Crusher at Iron Ore Crushing Project in Mongolia



JC660 颚式破碎机应用于河南沙石骨料项目



JC648 颚式破碎机应用于上海建邦骨料项目



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