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产品样册 MINING EQUIPMENT

MACKORN
美矿

ABOUT MACKORN

公司简介 >>

美矿机械位于苏州市太仓市，工厂占地面积 20000 平方米，配备生产及检测设备数十台，拥有破碎实验室，大数据远程监测控制系统，全信息化管控检验仓储系统，实时监测数百台实际生产中的设备动态的数据中心。公司集自主设计、研发、生产为一体，目前范围已涵盖破碎、筛分、移动站、智能控制、给料、输送等六大产品系列，提供金属矿物处理和砂石骨料加工系统的成套解决方案。同时提供破碎筛分领域内的维保承包、设备租赁、EPC 工程的设计和承包等。主要服务于国内外矿山及工程客户。

美矿机械已申请数十项生产专利、自主知识产权；已通过 QA、ISO、CE 等系列认证。国内服务于中钢集团，攀钢集团、马钢集团，紫金矿业，山东黄金矿业，太原钢铁，中国铝业等知名企业。国际上，产品已出口到美国、加拿大、澳大利亚、俄罗斯、中东、东南亚等 20 多个国家和地区，市场信誉良好。

公司多年来不断优化设计理念、技术储备、研发能力及服务水准，陆续完成新型号设备，破碎实验室，运营大数据中心等工作。并且合作方式逐渐由传统销售转变为技术咨询、生产承包运营、磨耗件综合管理、融资租赁等方式，并且取得了客户的一致认可。

我们的目标：为客户节能降低成本

我们的使命：提供高性能产品，为客户提供专业的矿山、石料解决方案

我们的愿景：成为破碎机行业有影响力并值得客户信赖的供应商



我们的使命
Our mission



我们的目标
Our goal



我们的愿景
Our vision

Located in Taicang of Suzhou City, Mackorn Machinery Co., Ltd covers an area of 20,000 square meters and is equipped with dozens of productions and testing equipment. It has a laboratory for crushing, a big-data remote monitoring and control system, a full information management and control inspection and warehousing system, and a dynamic data center for real-time monitoring of hundreds of equipment in actual production. Mackorn integrates independent design, R&D, and production, the current scope covers six major product series including crushing, screening, mobile plants, intelligent control, feeding, and transportation. It can provide complete solutions for metal mineral processing and aggregate machining systems. Meanwhile, can provide repairing and maintenance contracting, equipment leasing, EPC project design and contracting in the crushing and screening fields, and mainly serve mining and engineering customers home and abroad.

Mackorn has applied for dozens of production patents and independent intellectual property rights; It has been certificated with QA, ISO, CE and other relative series. Domestic services include Sinosteel Group, Panzhihua Steel Group, Maanshan Steel Group, Zijin Mining, Shandong Gold Mining, Taiyuan Iron and Steel Group, China Aluminum and other well-known enterprises. Internationally, our products have been exported to more than 20 countries and regions including the United States, Canada, Australia, Russia, the Middle East, and Southeast Asia, and have obtained a preferential market reputation.

Our company has continuously optimized its design concepts, technical reserves, R&D capabilities and service levels over the years, and has successively completed new models of equipment, laboratories for crushing, and operation of big-data centers. And also, the cooperation method has gradually changed from traditional sales to technical consulting, production contracting operations, comprehensive management of wear parts, financial leasing, etc., and has been unanimously recognized by customers.

Our goal: Save energy and reduce costs for customers;

Our mission: Provide high-performance products and professional mining and aggregate solutions for customers;

Our vision: Become an influential and customer trustworthy supplier in the crusher industry;

MACKORN 美矿

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MC 系列颚式破碎机
MC Series of Jaw Crusher



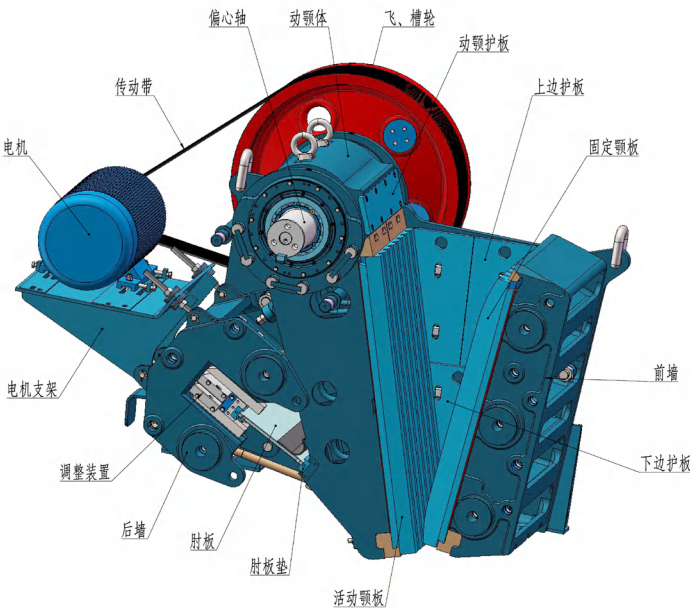
MC 系列颚式破碎机均采用创新模块化设计、无焊接的框架结构，因而赋予设备较大的抗疲劳性、稳定的可靠性和多种安装方式。得益于精确平衡的整体结构，MC 系列颚式破碎机安装简便且经济。配合使用特殊的优质铸件组件和耐久的磨损部件，赋予其卓越的适用性、杰出的经济性和更低的吨运行成本。

MC series jaw crushers are all adopted with innovative modular design and welding-free frame structure, which enable the equipment bigger fatigue resistance, stable reliability and multiple installation methods. Thanks to the precisely balanced overall structure, the MC series jaw crushers are easy to install and economical. With the use of special high-quality casting components and durable wear parts, it enables excellent serviceability, outstanding economy and lower operating costs per ton.

技术参数表 / Technical parameter table

参数 parameter	破碎机型号 Model	MC800	MC960	MC1000	MC1060	MC1100	MC1200	MC1250	MC1300	MC1500	MC1600	MC2000
给料口宽度 (mm) Feed opening width		800	930	1000	1060	1100	1200	1250	1300	1400	1600	2000
给料口深度 (mm) Feed opening depth		510	580	760	700	850	870	950	1000	1200	1200	1500
破碎机自重 (kg) Weight		7670	10150	20060	15650	25800	27990	41800	40150	51200	76500	146500
功率 (kw) Power		75	90	110	110	160	160	160	160	200	250	400
转速 (rpm) Speed		350	330	260	280	230	230	220	220	220	220	200
生产能力 (t/h) Capacity		50-320	102-375	130-525	150-495	170-595	175-540	263-810	268-826	335-865	430-1135	625-1425

产品剖面图 / Sectional view



产品特点 / Product features



机械性能稳定可靠
Mechanical performance is stable and reliable

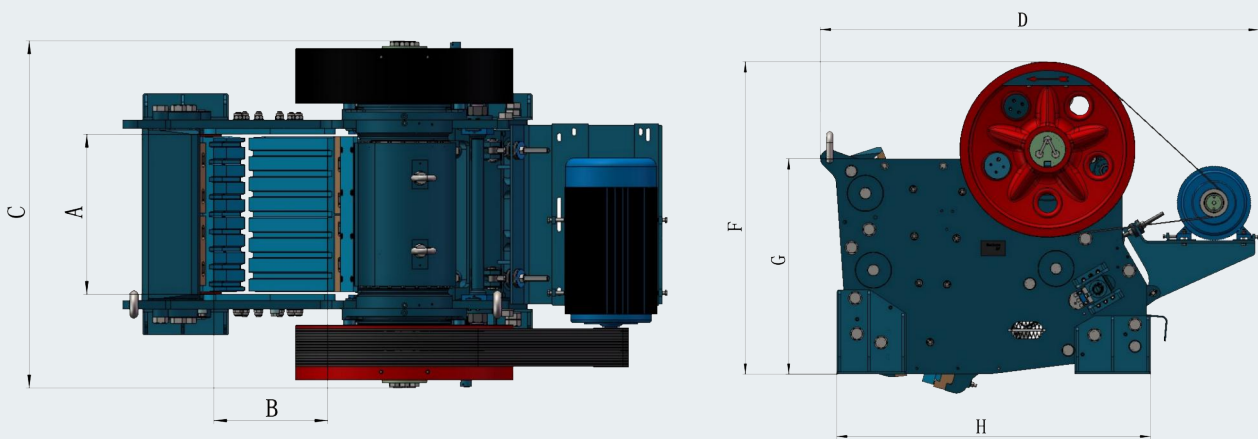
- 螺栓锚固，拼接结构，更加简单的运输要求
 - 优秀的材质性能
 - 精密严格的制造加工
 - 更高更稳定的质量
- Bolt anchoring, splicing structure, simpler requirements for transportation
- Excellent material properties
- Precision and strict manufacturing and processing
- Higher and more stable quality



工艺性能卓越稳定
Outstanding and stable technique performance

- 更好的给料能力
 - 大倾角破碎腔保证设备最大咬合力
 - 更大的转动惯量以及高效的传动性能保证强劲破碎压力
- Better feeding capacity
- Big dip-angle crushing chamber ensures the maximum bite force of the equipment
- More volumes of inertia and efficient transmission performance ensure strong crushing pressure

外形尺寸图 /Dimensional diagram



产品尺寸表 /Product Size table

外形尺寸 (mm) size	MC800	MC960	MC1000	MC1060	MC1100	MC1200	MC1250	MC1300	MC1500	MC1600	MC2000
A	800	930	1000	1060	1100	1200	1250	1300	1400	1600	2000
B	510	580	760	700	850	870	950	1000	1200	1200	1500
C	1526	1755	2420	2030	2385	2600	2800	2750	3020	3700	4040
D	2577	2880	3670	3320	3770	3680	4100	4595	5050	5900	6700
F	1750	1460	2490	2005	2750	2225	2980	2470	3005	3750	4465
G	1200	755	1700	1135	1940	1472	2100	1670	1995	2650	2800
H	2100	2500	2965	2630	2820	2850	3470	3550	4220	4280	4870

■ 生产能力表 / Production Capacity Table

产品尺寸 (mm) Product size	紧边排料口 (mm) Closed side Setting	生产能力 (t/h) Capacity										
		MC800	MC960	MC1000	MC1060	MC1100	MC1200	MC1250	MC1300	MC1500	MC1600	MC2000
0-60	40	50-70										
0-75	50	60-90										
0-90	60	75-105	102-130									
0-105	70	90-130	120-150	130-190	150-180	170-230	175-245					
0-120	80	110-150	135-175	150-205	160-215	185-265	190-275					
0-135	90	120-170	155-195	165-225	185-230	215-285	215-300					
0-150	100	130-180	165-215	195-260	195-255	235-305	230-320	263-356	268-365			
0-185	125	165-235	205-265	225-325	245-315	285-375	280-390	311-432	320-436	335-465		
0-225	150	210-290	260-325	285-365	295-375	335-455	345-470	365-511	375-521	395-550	430-605	
0-260	175	245-320	305-375	345-455	345-450	375-530	380-540	428-573	435-595	450-625	485-680	625-875
0-300	200			400-525	385-495	455-595		481-654	485-672	510-710	556-780	705-990
0-340	225							525-735	535-748	575-796	610-865	775-1090
0-375	250							575-810	595-826	625-865	670-960	855-1210
0-410	275										730-1045	930-1310
0-450	300										805-1135	1010-1425

注：表中的通过量为有预筛分时的能力，无预筛分时，产量增加 10-30%
The crusher throughput when there is pre-screening, if without pre-screening, the output will increase by 10%~30%.



MJ 系列颚式破碎机
MJ Series of Jaw Crusher



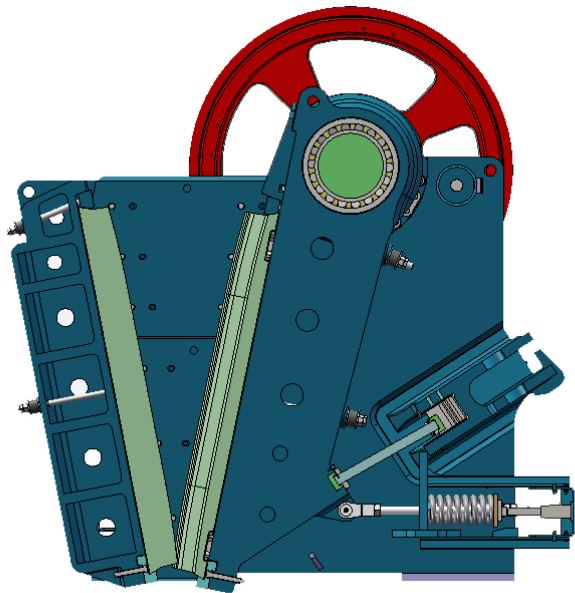
MJ 系列颚式破碎机是一款具有优异生产能力的粗破碎机，适用于破碎坚硬的矿石和岩石，采用对称和更深的破碎腔，大的进料口和优化的啮合角设计实现高作业率、大破碎比、高产能且具有性能可靠、低操作成本和维护保养便利的优点，能够以极低的操作成本实现更高的产量。

MJ series jaw crusher is a coarse crusher with excellent production capacity. It is suitable for crushing hard ores and rocks. It adopts a symmetrical and deeper crushing cavity, a large feed opening and an optimized meshing angle design to achieve high operation. It has the advantages of high efficiency, large crushing ratio, high production capacity, reliable performance, low operating cost and convenient maintenance, and can achieve higher output at extremely low operating cost.

技术参数表 / Technical parameter table

参数 parameter	破碎机型号 Model	MJ4090	MJ4120	MJ6120	MJ6130	MJ6150	MJ8150
给料口尺寸 (mm) Feeding Size		895x660	1200x830	1200x1100	1300x1130	1500x1070	1500x1300
排矿口范围 (mm) CSS Range		50-175	75-275	125-275	125-300	125-300	150-300
电动机功率 (kw) Motor Power		75	132	160	160	200	200
转速 (rpm) Speed		270	240	210	225	200	200
破碎机重量 (kg) Weight		14580	27300	39600	44500	54000	64500
最大检修重量 (kg) Max Maintenance Weight		6300	12200	18500	22300	31600	34000
生产能力 (t/h) Capacity		80-315	160-795	295-800	325-950	385-1070	470-1150

产品剖面图 /Sectional view



产品特点 / Product features

- 1

MJ 颚式破碎机均为单肘复合摆动式，重型设计，采用对称深破碎腔、大进给口和优化啮合角，达到高运转率、大破碎比、高生产率。寿命长，磨损小，维护操作方便，液压或机械调整排矿口机构简单可靠。

MJ jaw crushers are of single-elbow compound swing type and heavy-duty design, using symmetric deep crushing chamber, big feed opening and optimized meshing angle to achieve high operation rate, large crushing ratio and high productivity. Long service life, low wearing, easy for maintenance and operation, hydraulic or mechanical adjustment of the discharge mechanism is simple and reliable.
- 2

该机的设计强调在保证并提高强度的同时减轻设备重量，增加灵活性、可靠性、安全性与经济性。

The equipment design emphasizes to reduce weight of the equipment while ensuring and increasing its strength, which can increase flexibility, reliability, safety and economy.
- 3

定颚与动颚板均为箱形带筋板铸件，重量轻、强度与刚度高，双重密封的润滑系统、安全可靠；

Both the fixed and movable jaw plates are box-shaped ribbed castings, which are light in weight and high in strength and rigidity, and with a double-sealed lubrication system, which is safe and reliable;
- 4

全部焊缝离开应力集中区，同时在应力集中区采取改变部件弧度等提高强度的措施。

All welds leave the stress concentration zone, at the same time, in the stress concentration zone, the measures like changing the curvature of the component are adopted to increase strength.

- 5

方形大进料口，对称深腔无死区破碎腔：提高进料能力

Square large feeding, symmetrical deep cavity without dead zone crushing chamber: To improve feeding capacity.
- 6

动颚顶部装有一块可以更换的厚护板，用以保护动颚不受进料的冲击。

A replaceable protective shield is placed on the top to protect the moving jaw from impact of the feeding minerals.
- 7

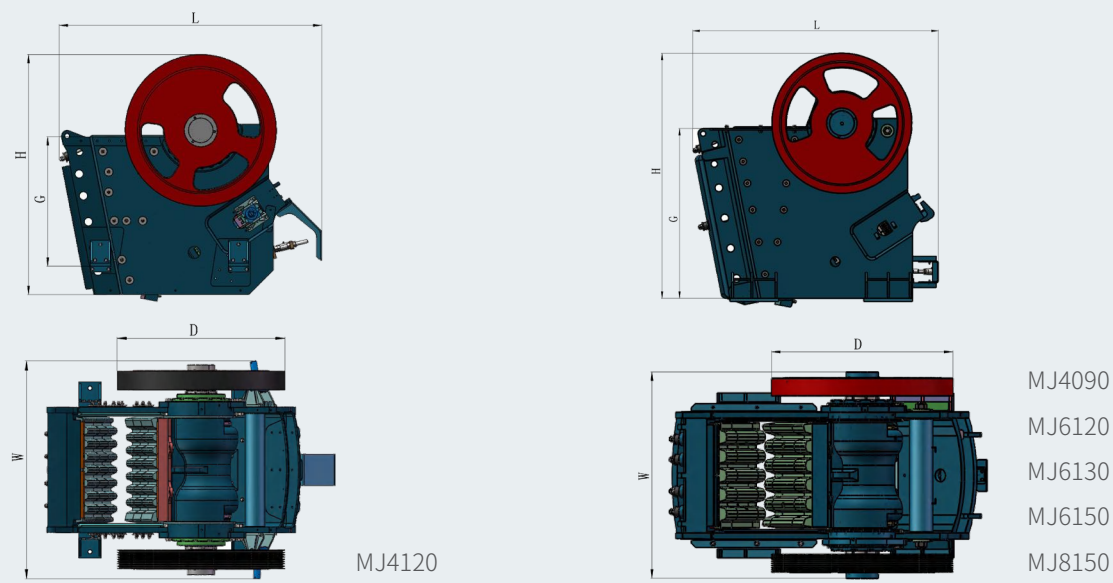
进料口动颚上方不需安装挡料板，进入破碎机的大块物料可以直接落入破碎腔的活动区。

There is no need to install a block plate above the moving jaw of feed opening, and the bulk minerals entering the crusher can fall directly into the movement area of the crushing chamber.
- 8

传统颚式破碎机采用的是非对称破碎腔设计，其有效进料口尺寸小于额定开口。该系列破碎机采用的是对称破碎腔设计，使实际开口等于额定开口，提高了进料能力。

The traditional jaw crushers are adopted with asymmetric crushing chamber design with an effective feeding size smaller than the rated opening. The series of crushers are adopted with symmetrical crushing chamber design, so that the actual opening is equal to the rated opening, which improves the feeding capacity.

外形尺寸图 /Dimensional diagram



产品尺寸表 /Product Size table

外形尺寸 (mm) size	MJ4090	MJ4120	MJ6120	MJ6130	MJ6150	MJ8150
L	2550	3230	3610	3760	4110	4500
W	1880	2570	2350	2470	3000	2900
H	2380	2950	3510	3850	3330	4190
D	1600	1860	1860	2170	1760	2170
G	1580	1930	2500	2680	2390	3050

■ 生产能力表 / Production Capacity Table

紧边排矿口 (mm) CSS	生产能力 (t/h) Capacity					
	MJ4090	MJ4120	MJ6120	MJ6130	MJ6150	MJ8150
40						
50	80-100					
75	95-155	160-220				
100	120-195	220-295				
125	145-230	270-350	295-390	325-428	385-495	
150	170-270	320-425	355-460	385-500	440-580	470-610
175	195-315	380-500	400-525	432-570	500-660	540-705
200		440-575	450-590	490-645	560-735	615-795
225		490-645	505-655	545-725	620-805	670-880
250		545-715	555-730	605-805	690-910	735-970
275		605-795	605-800	660-880	755-990	820-1060
300				710-950	810-1070	875-1150

注：上表中给出的产量只是说明破碎机能力的一个近似值。所对应的条件是开路破碎，物料容重为 1600 kg/m³ 干燥的爆破花岗岩，其最大尺寸满足破碎机允许的最大给料粒度。表中较低的值适用于给料中小于排矿口尺寸的细料被剔除的情况，较高的值则适用于含有细料的情况。破碎机可以正常运行的最小紧边排矿口取决于给料的粒度分布、材料的可碎性 (Wi)、给料中污染物的含量、所安装的颚板类型及其材料种类等。

Note: The output given in the above table is only an approximation of the crusher capacity. The corresponding conditions are open-circuit crushing, dry blasted granite with a material bulk density of 1600 kg/m3, and its maximum size meets the maximum feed granularity allowed by the crusher. The lower value in the table is applicable to the situation where fine materials smaller than the size of the ore discharge opening are removed from the feed, and the higher value is applicable to the situation where fine materials are contained. The minimum CSS that the crusher can operate normally depends on the granularity distribution of the feed material, the work index of the material (Wi), the content of contaminants in the feed material, the type of jaw plate installed and its material type, etc.

MGC 系列旋回破碎机

MGC Series of Rotary Crusher

MGC 系列旋回破碎机具有吨耗低、能源效率高、极佳的破碎性能，广泛应用于各种金属矿山和砂石骨料等现场；对于较大规模的生产线，MGC 系列旋回破碎机是作为粗碎设备最为理想的选择。

MGC 系列旋回破碎机特殊的破碎腔型设计，可满足各种破碎应用条件，包括难以处理的坚硬物料。

MGC series gyratory crusher has low ton consumption, high energy efficiency, and excellent crushing performance. It is widely used in various metal mines and sand and gravel aggregate sites. For larger-scale production lines, the MGC series gyratory crusher is used as a coarse crusher. The ideal choice for crushing equipment.

The special crushing chamber design of the MGC series gyratory crusher can meet various crushing application conditions, including hard materials that are difficult to handle.

■ 技术参数表 / Technical parameter table

破碎机型号 Model		MGC4265	MGC5065	MGC5475	MGC6275	MGC6089	MGC7089
参数 parameter							
给料口尺寸 (mm) Feeding Size		1066	1270	1370	1575	1525	1780
重量 (t) weight		120	153	242	298	365	430
功率 (kw) Power		450	450	600	600	750	900
生产能力 (t/h) Capacity	开边排料口 -152(mm) OSS-152	2352-3360	2402-3442	2895-4150	2901-4154	—	—
	开边排料口 -177(mm) OSS-177	2890-4128	2953-4215	3162-4522	3836-5482	4568-6529	5041-7205
	开边排料口 -203(mm) OSS-203	—	—	3510-5005	4353-6225	5327-7615	6063-8671
	开边排料口 -254(mm) OSS-254	—	—	—	—	5841-8349	7023-10037



NH/NS 系列圆锥式破碎机 NH/NS Series of Cone Crusher



NH/NS 系列圆锥式破碎机为单缸液压结构，通过单个液压缸升降动锥，实现了排矿口调整、清腔、过铁和过载保护等多种功能；上下支撑的主轴支撑形式，比单点支撑受力更稳。设备按重型工况设计。破碎机在负载情况下，也能够使用液压调整破碎机出料口设置。排矿口自动化检测补偿系统，能够稳定破碎腔压力和恒定排放口。通过不同腔型的衬板选择和偏心距的选择，达到所需的理想产量和产品规格。可广泛应用于砂石、冶金等行业的中碎、细碎作业。

NH/NS series cone crusher has a single-cylinder hydraulic structure. Through a single hydraulic cylinder to lift and lower the movable cone, it realizes multiple functions such as discharge adjustment, chamber cleaning, iron passing and overload protection; the main shaft support design of upper and lower support is more stable than single-point support. The equipment is designed for heavy-duty working conditions. The crusher outlet setting can also be adjusted hydraulically when the crusher is under load. The automated detection and compensation system for the ore discharge port can stabilize the pressure of the crushing chamber and maintain a constant discharge port. Through the selection of lining plates and eccentricity of different cavity types, the required ideal output and product specifications can be achieved. It can be widely used in medium and fine crushing operations in sand and gravel, metallurgy and other industries.

■ 技术参数表 / Technical parameter table

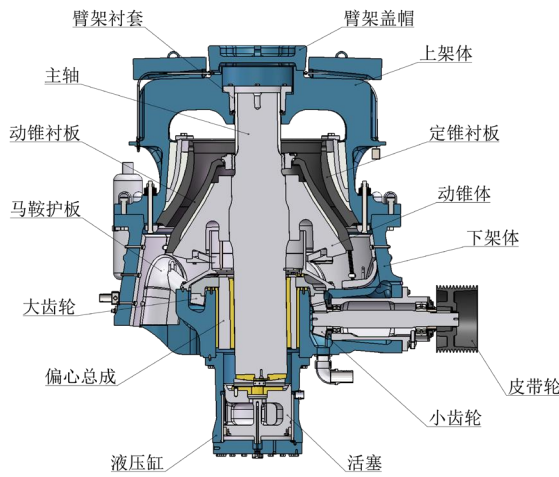
参数 parameter 破碎机型号 Model	NH200	NH300	NH400	NH600	NH860	NH865	NH700	NH890	NH895	NS200	NS300	NS400	NS600
最大给料尺寸 (mm) Max Feeding	135	185	215	275	315	123	350	370	120	240	360	450	560
排矿口范围 (mm) CSS Range	4-32	6-38	8-44	13-51	16-51	10-44	10-70	13-70	10-70	19-38	19-54	25-54	38-83
电动机功率 (kw) Motor Power	90	160	250	315	500	500	630	750	750	90	160	250	315
破碎机重量 (kg) Weight	5300	9200	14300	26800	39710	38930	49800	76100	79100	6800	12000	19300	35700
最大检修重量 (kg) Max Maintenance Weight	1400	2900**	4700**	8500**	11780**	11000**	13200**	21600**	24900**	2300	5100	8100	16500
生产能力 (t/h) Capacity	25-125	45-205	87-394	160-659	285-1123	162-694	277-1508	503-2436	246-1452	69-166	90-341	193-598	313-1046

** 适用于细碎破碎机。如果是粗腔型破碎机，其重量会减少，对于 NH300 减少约 380kg，对于 NH400、NH600、NH860、NH865 和 NH700 减少约 600kg，对于 NH890 和 NH895 将减少约 3800kg。

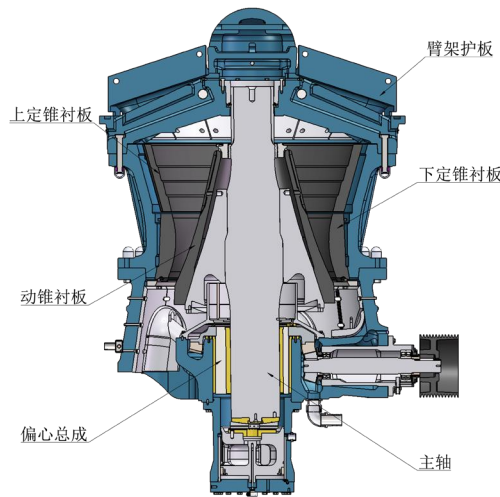
** Applicable to fine crushers. If it is a coarse chanber type crusher, its weight will be reduced about 380kg for NH300, about 600kg for NH400, NH600, NH860, NH865 and NH700, and about 3800kg for NH890 and NH895.



■ 产品剖面图 /Sectional view



NH 系列圆锥破碎机
NH Series Cone Crusher



NS 系列圆锥破碎机
NS Series Cone Crusher

产品特点 / Product features

工作原理：

电机经由大小齿轮带动偏心套组件旋转，由偏心套组件迫使主轴以悬挂点为中心，绕机器中心线旋摆运动。动锥的运行轨迹看起来是在破碎腔内来回摆动，同时缓慢的旋转。物料被摆动的动锥挤压破碎；

Working principle: The motor drives the eccentric sleeve component to rotate through large and small gears, and the eccentric sleeve component forces the spindle to rotate around the machine centerline with the suspension point as the center. The trajectory of the moving cone appears to swing back and forth in the crushing chamber, while slowly rotating. The material is crushed by the swinging dynamic cone;

适用范围广：

同一主机通过更换衬板、调整偏心距，从而获得不同的排放口，应用于不同的生产需求；

Wide applicability: The same host can obtain different discharge ports by replacing the lining plate and adjusting the eccentricity, which can be applied to different production needs;

结构加强，性能优越：

上下壳体均设有加强筋，增加壳体强度；进口轴承，高精度，高寿命；

Reinforced structure and superior performance: both the upper and lower shells are equipped with reinforcing ribs to increase the strength of the shell; Imported bearings, high precision, long service life;

操作简单：

屏幕控制液压调整即可实现排放口调整、过铁保护、清腔多种功能；

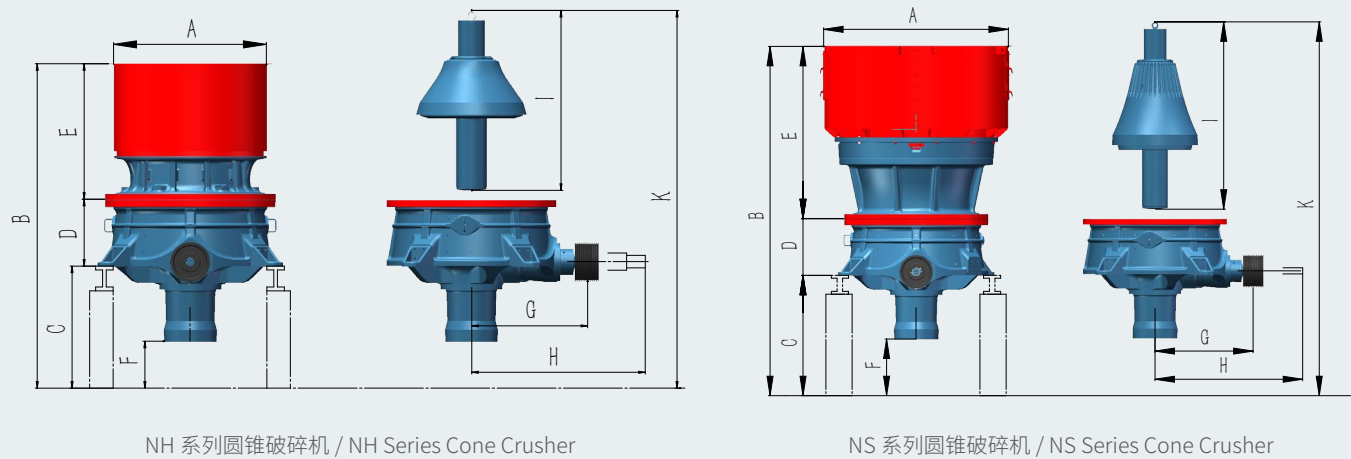
Easy to operate: The screen controls hydraulic adjustment to achieve various functions such as discharge port adjustment, over iron protection, and cavity cleaning;

AORS 自动化控制系统：

实时监测破碎机功率、压力、温度等参数；跟踪衬板磨损状态，方便制定衬板更换计划；

AORS automation control system: Real time monitoring of crusher power, pressure, temperature and other parameters; Track the wear status of the lining plate to facilitate the development of a replacement plan for the lining plate;

外形尺寸图 /Dimensional diagram



产品尺寸表 /Product Size table

尺寸 (mm) size	NS200	NS300	NS400	NS600	NH200	NH300	NH400	NH600	NH860	NH865	NH700	NH890	NH895
A	Ø1285	Ø1635	Ø2000	Ø2800	Ø1078	Ø1360	Ø1540	Ø2104	Ø2101	Ø2101	Ø2660	Ø2900	Ø2900
B	2902	3485	4075	5100	2560	2992	3410	4215	4544	4635	5475	6456	6456
C	1020	1125	1300	1600	1020	1125	1300	1600	1815	1815	2200	2870	2870
D	540	665	745	860	540	655	745	860	1126	1126	1228	1190	1190
E	1342	1705	2030	2640	1000	1212	1365	1755	1603	1694	2045	2400	2400
F	400	422	452	631	400	422	452	631	497	497	998	1150	1150
G	843	1061	1280	1497	843	1061	1280	1497	1803	1803	1824	1960	1960
H	1270	1705	1900	2156	1270	1705	1900	2156	2638	2638	2850	3100	3100
I	1703	2050	2420	2895	1425	1688	1985	2344	2966	2966	3095	3500	3500
K	3600	4250	4930	5355	3000	3570	4000	4835	5960	5960	6600	7700	7700

■ 生产能力表 / Production Capacity Table

NS 圆锥型破碎机 NS crushers	破碎机 型号 Model	功率 Power	腔型 Chamber	最大给料尺寸 Max feed size	紧边排料口 CSS（mm）下的标准生产能力（t/h） Nominalcapacity in t/h with crusher running at css mm																	
		KW		mm	19	22	25	29	32	35		38	41	44	48	51	54	60	64	70	76	83
	NS200	90	EC	240		83-108	90-112	100-156	105-166	112-141		120										
			C	200	69-95	75-93	80-126	87-111	95													
	NS300	160	EC	360			123	135-171	142-228	154-290		160-308	171-325	180-341	195-300	203-255	210					
			C	300		106	115-144	125-197	133-251	140-268		150-281	160-300	166-261	105							
			MC	235	90	96-120	105-163	115-215	120-231	130-243		138-260	145-271	152-240	162							
	NS400	250	EC	450						266-332		280-350	295-443	310-561	330-598	347-520	360-451					
			C	400					237-298	252-380		267-482	281-510	296-442	316-397	330						
			MC	300			193	211-265	220-340	238-431		252-460	263-482	281-424	301-371	311						
NS600	315	EC	560									342	362-454	391-586	407-716	425-853	463-927	485-977	523-1046	560-981	601	
		C	500								313	333-418	351-616	375-751	393-785	409-821	443-891	471-819	501-626			



NH 圆锥型破碎机 NH crushers	破碎机 型号	功率	腔型	最大给料尺寸	紧边排料口 CSS（mm）下的标准生产能力（t/h）																
	Model	Power KW	Chamber	Max feed size mm	Nominalcapacity in t/h with crusher running at css mm																
					4	6	8	10	13	16	19	22	25	32	38	44	51	57	64	70	
	NH200	90	EC	135				43	49-82	51-90	55-97	61-103	65-110	73-125							
			C	90				41-51	43-87	47-93	52-101	55-109	59-119	68							
			M	65			35-42	35-71	41-79	43-75	47-55										
			MF	50		33	35-66	39-69	42-65	45-51											
			F	38	25-31	27-48	29-51	30-55	33-47	35											
			EF	29	30-40(80% 细度小于 4.5-5.5mm)																
	NH300	160	EC	185					67-105	75-148	77-160	84-170	90-180	103-203	113-205						
			C	145					63-130	68-139	75-149	78-160	83-171	95-194	106-146						
			MC	115				55	61-138	63-150	71-160	75-170	79-183	92-144							
			M	90				63-83	67-129	72-139	78-151	83-161	88-152	101							
			MF	75			58	62-105	67-113	72-121	80-125	85-112	91								
			F	50		45-75	50-82	52-86	56-93	62-102	65-102	71-94	75								
			EF	35	70-90(80% 细度小于 5-5.6mm)																
	NH400	250	EC	215						110-196	117-271	130-293	137-312	156-353	174-394	190-382					
			C	175					100	108-217	115-290	123-310	130-329	150-377	162-330	181-227					
			MC	140					95-120	103-259	112-281	117-298	125-317	143-325	160-241						
			M	110					113-183	123-275	135-297	142-315	153-338	173-278	189						
			MF	85				112	122-225	131-242	141-260	151-279	161-297	184-246							
			F	70			87-132	92-172	103-189	110-204	118-219	126-233	135-249	153-205							
			EF	38	100-125(80% 细度小于 6-7.5mm)																
	NH600	315	EC	275						172	189-337	201-434	213-462	243-544	271-604	295-659	325-508				
			CX	245						172-192	184-371	198-486	210-517	240-590	265-651	291-519	321-357				
			C	215						170-189	181-364	193-477	205-506	235-579	261-641	285-509	315-351				
			MC	175						160-251	172-424	184-453	192-478	223-549	246-496	270-361					
			M	135						194-292	206-435	223-467	238-498	271-500	300-401						
			MF	115					190	203-365	220-394	233-420	250-447	284-446	315-359						
			F	85					192-301	208-326	223-350	237-371	252-399	288-397	320						
			EF	65					207-288	225-314	242-295	259-287									
	NH860	500	EC	315						321	348-525	370-628	395-720	450-798	500-890	545-980	600-1065				
			C	263						315-452	342-546	365-650	382-743	445-832	490-928	530-1020	592-1123				
			MC	196						310-462	332-535	355-602	378-695	432-795	480-883	525-952	575-1050				
			M	152						285-670	305-537	330-632	350-706	398-765	442-857	483-937	532-1030				
	NH865	500	MF	123				205	223-497	243-570	260-612	280-654	296-694	340-611	373-524	409					
			F	97				185-412	203-477	220-548	235-583	252-618	265-678	303-548	337-472	368					
			EF	72				162-390	178-422	192-456	208-488	223-524	236-560	268-487	398-420	326					
	NH700	630	EC	350									475-847	541-965	593-1067	653-1167	723-1287	780-1391	845-1508	903-1328	
			C	285								480-803	498-890	523-1016	577-1121	632-1227	698-1354	753-1461	816-1457	873-1283	
			MC	235							435-720	456-775	487-845	493-962	540-1050	593-1150	654-1267	705-1368	768-1365	818-1201	
			M	180							425-730	435-781	452-831	520-949	569-1049	628-1149	689-1266	742-1367	807-1243	861-1093	
			MF	105						373-675	400-711	432-760	459-809	524-923	580-937	639-784	700				
			F	95					354-582	380-651	401-699	439-747	466-795	535-907	589-852	646-713					
			EF	80				277-485	303-512	325-553	349-593	373-634	398-675	452-770	501-723	548-664					
	NH890	750	EC	370									592-856	648-1305	693-1443	740-1583	795-1740	846-1880	800-2010	745-2178	
			C	330								693	620-971	680-1400	730-1548	780-1697	840-1870	890-2020	950-2190	810-2436	
			MC	260							540-812	621-948	682-1230	741-1400	785-1550	832-1697	890-1870	932-2020	990-2003	960-1735	
			M	195						562-810	582-967	605-1048	623-1102	670-1259	700-1390	749-1523	793-1680	733-1811	776-1796	715-1560	
			MF	130						503-920	530-892	558-950	580-1010	564-1183	610-1260	670-1370	700-1512	740-1602	730-1392	636-1169	
			F	120					246-786	465-835	482-860	506-930	535-992	485-1140	510-1204	590-1273	662-1452	703-1253			
	NH895	750	EFX	100					390-720	415-820	442-851	460-901	496-970	540-1113	570-1130	560-1193	610-1318	682-1090			
			EF	85				302-543	370-708	395-773	430-843	446-886	470-950	500-1031	530-1067	560-1160	600-1207	650-1006	568-860	500-667	
			EEF	75				301-472	320-600	357-650	420-691	440-746	460-795	529-901	540-853	560-790	583-757				

破碎腔 Crushing chambers
NS 型破碎机 NS-Crushers
有三种标准破碎腔型可供选择
Three standard crushing
Chambers are available:
MC= 中粗 Medium Coarse
C= 粗 Coarse
EC= 特粗 Extra
NH 型破碎机 NH-Crushers
多种破碎腔型可供选择
Several standard crushing
Chambers are available:
EEF- 超细 Extra Extra Fine
EF= 特细 Extra Fine
EFX= 准特细 Extra Fine Xtra
F= 细 Fine
MF= 中细 Medium Fine
M= 中 Medium
MC= 中粗 Medium Coarse
C= 粗 Coarse
CX= 准特粗 Coarse Xtra
EC= 特粗 Extra
生产能力 : 吨 / 小时
Capacity:t/h
所给出的数据只是破碎生产性能大约指
标，表中数据是针对堆比重为 1.6t/m³ 干物料
开路生产时的破碎机性能，并假定给料的最大
粒径为破碎机允许的最大给料粒径，且不含小
于破碎机紧边排矿口 (css) 的细物料。由于所
选的偏心距，破碎比，物料的破碎功能指数 (Wi)，
给料粒度组成，循环负荷量，给料中含泥量等
都会影响破碎机的破碎能力，所以对具体的应
用情况，请向我们进步咨询。
The data given is only an approximate
indicator of the performance of the crushing
production. The data in the table is for the
crusherperformance when dry minerals of
1.6t/m³ with the open circuit are produced,
assuming the 'max feeding granularity size is
that of the max feeding allowed by the crusher
and excluding the fine material less than
the crusher s CSS. Because the selected
eccentricity,crushing ratio, material crushing
Work Index (Wi)， composition of feeding
granularity, volume of circulating loading,
mud content of feeding will affect the
crushing capacity of the crusher, so please
consult us further for the specific application.

MPH 系列圆锥式破碎机
MPH Series of Cone Crusher



■ 技术参数表 / Technical parameter table

参数 parameter	破碎机型号 Model	MPH3	MPH4	MPH6	MPH20	MPH30	MPH40	MPH50	MPH80	MPH100	MPH125
最大给料口尺寸 (mm) Max Feeding		220	252	330	210	269	335	374	378	390	400
破碎机重量 (kg) Weight		13040	19810	33000	10400	15810	23000	33150	120000	153000	160000
电动机功率 (kw) Motor Power		250	315	500	132	250	315	400	600	800	900
生产能力 (t/h) Capacity		94-388	136-555	220-785	93-250	112-436	136-626	170-786	256-1196	600-2400	700-3000

MPH 系列圆锥破碎机的优势技术在于将更高的转速与冲程结合，从而使 MPH 系列圆锥破碎机的额定功率和通过能力大大提高，成为相同规格中生产能力较大的破碎机。

MPH 系列圆锥破碎机的破碎技术能够用较少较小的设备，在更小的空间得到更高的产量。

MPH 系列圆锥破碎机独特的颗粒间层压破碎作用原理使粒级更为均匀，用于生产石料，产品形状整齐，从而提高产品价值，达到更好的多破少磨的效果。MPH 系列圆锥破碎机能够在恒定排料口下进行生产，提高了整个生产过程的稳定性。此外过铁保护能够确保破碎机在通过铁块以后能够立即复位，保持稳定的排料口。MPH 系列圆锥破碎机能够以较少的破碎段数，生产更细的产品，降低成本并节约能源。

通过 MPH 系列圆锥破碎机以较低的速度运转，就可以改变产品的级配以生产较少的细料，生产更优的产品，产量更高。

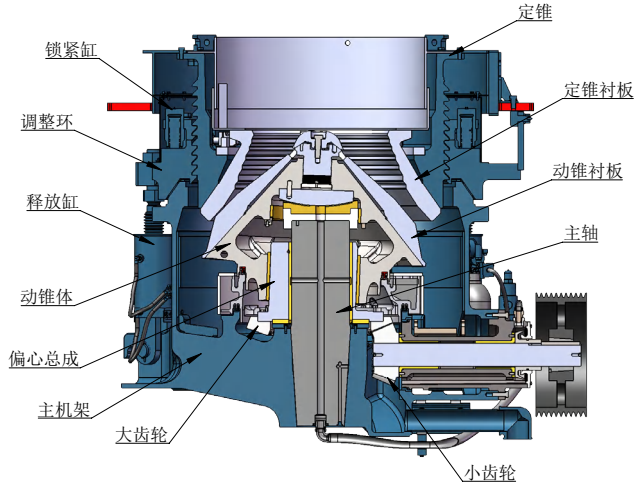
The advantageous technology of MPH series cone crusher lies in the combination of higher speed and stroke, which greatly improves the rated power and throughput of MPH series cone crusher, making it the crusher with the largest production capacity among the same specifications.

The crushing technology of MPH series cone crusher can use less equipment to obtain maximum output in the smallest space.

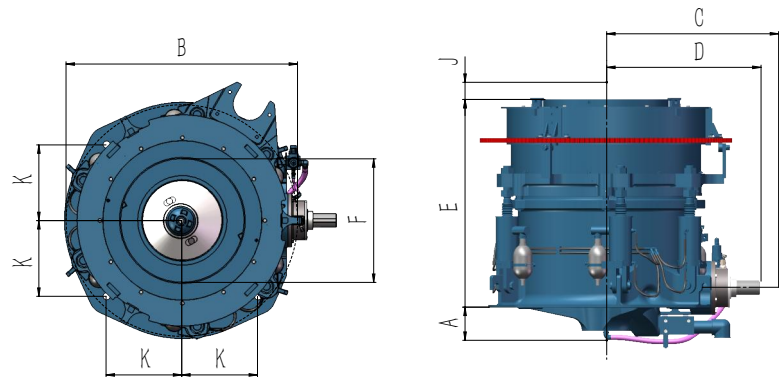
The unique inter-particle laminated crushing principle of the MPH series cone crusher makes the particle size more uniform. It is used to produce stone and the product shape is neat, thereby increasing the product value and achieving better results of more crushing and less grinding. The MPH series cone crusher can produce under a constant discharge opening, which improves the stability of the entire production process. In addition, the over-iron protection can ensure that the crusher can reset immediately after passing the iron block and maintain a stable discharge opening. The MPH series cone crusher can produce finer products with fewer crushing stages, reducing costs and saving energy.

By operating the MPH series cone crusher at a lower speed, the product gradation can be changed to produce less fines, producing a better product with higher capacity.

■ 产品剖面图 /Sectional view



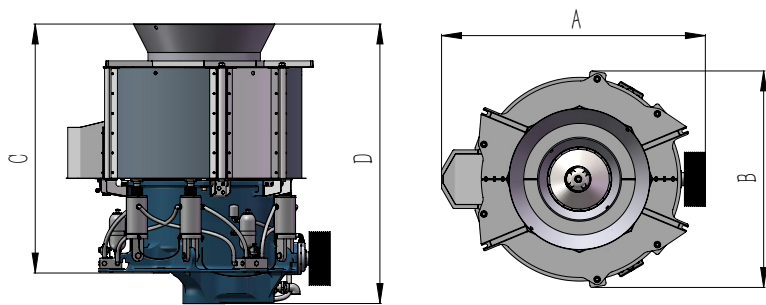
外形尺寸图 /Dimensional diagram



产品尺寸表 /Product Size table

外形尺寸 (mm) size	MPH20	MPH30	MPH40	MPH50	MPH80
A- 至油管底部 A-to the bottom of the oil pipe	297	328	240	425	722
B- 调整环最大直径 B-maximum diameter of adjustment ring	1952	2207	2370	2730	3702
C- 拆除传动轴部件所需空间 C-space needed to remove drive shaft components	1840	2020	2470	2650	3450
D- 至传动轴末端 D-to the end of the drive shaft	1160	1347	1645	1760	2225
E- 至顶部最大高度 E-maximum height to top	1630	1865	2055	2290	3538
F- 给料口内径 F-feeding port inner diameter	914	1078	1308	1535	1863
移出定锥部件所需的 space needed to remove the concave components	2140	2470	2650	3300	4854
移出动锥部件所需的 space needed to remove the mantle components	2165	2455	2715	3165	4634
J- 清理破碎腔时给料斗的向上移位 J-upward displacement of the feed hopper when cleaning the crushing cavity	70	85	105	125	159
K- 地脚螺栓孔的位置 K-position of anchor bolt holes	545	660	830	882	1130
主机架排料口的直径 diameter of the main frame discharge	1240	1470	1726	2040	2420

外形尺寸图 /Dimensional diagram



产品尺寸表 /Product Size table

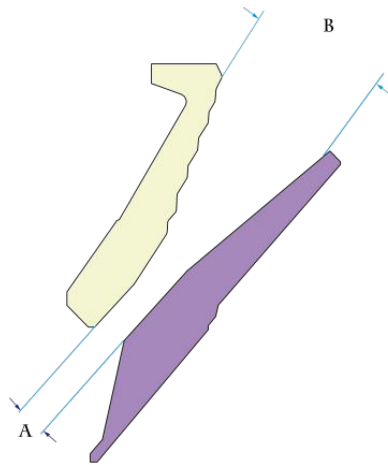
外形尺寸 (mm) size	MPH3	MPH4	MPH6
A	2778	2955	3733
B	2146	2512	3062
C	2475	2754	3522
D	2817	3147	3953

MPH 多缸系列破碎机是利用层压原理，对物料进行连续挤压破碎的高性能、重型设计、实时监控液压润滑系统的圆锥破碎机。该型破碎机具有高运转率、大破碎比、高生产率、高细粒级产出率、磨损均匀，运行稳定、备件寿命长，磨损小，操作维护方便，液压调整排矿口、高效过铁等特点。

Adopted with the lamination principle to continuously extrude and crush minerals, MPH multi-cylinder series crusher is a cone crusher with high-performance, heavy-duty design and real-time monitoring hydraulic lubrication system. This type of crusher has the features of high operation rate, large crushing ratio, high productivity, high fine granularity rate, uniform wear, stable operation, long service life of spare parts, low wear, convenient operation and maintenance, hydraulic adjustment of discharge, high efficiency of oversized minerals passing, etc.

■ 排料口尺寸表 / Discharge port size table

破碎机型号 Model	破碎腔型 Chamber	标准型 /STD			短头型 /SH	
		A ¹ - 最小排料口 (mm) A ¹ -Min Discharge	B ² - 紧边给料口 (mm) B ² -CSS		A ¹ - 最小排料口 (mm) A ¹ - Min Discharge	B ² - 紧边给料口 (mm) B ² -CSS
MPH3	超细 /EF	8	18			
	细 /F	11	95			
	中 /M	15	156			
	粗 /C	20	183			
	超粗 /EC	25	200			
MPH4	超细 /EF	8	67			
	细 /F	10	116			
	中 /M	16	158			
	粗 /C	25	203			
	超粗 /EC	28	237			
MPH6	超细 /EF	9	52			
	细 /F	13	106			
	中 /M	20	196			
	粗 /C	25	279			
	超粗 /EC	30	328			
MPH20	超细 /EF				6	10
	细 /F	14	95		6	23
	中 /M	17	125		8	54
	粗 /C	19	185		10	76
	超粗 /EC	25	142		—	—
MPH30	超细 /EF				6	25
	细 /F	13	107		6	22
	中 /M	17	150		8	53
	粗 /C	20	211		10	77
	超粗 /EC	25	233		—	—
MPH40	超细 /EF				6	30
	细 /F	14	111		6	40
	中 /M	20	198		8	52
	粗 /C	25	252		10	92
	超粗 /EC	30	299		—	—
MPH50	超细 /EF				6	35
	细 /F	16	133		8	52
	中 /M	20	204		10	57
	粗 /C	25	286		13	95
	超粗 /EC	30	335		—	—
MPH80	细 /F	16	219		9	33
	中 /M	25	267		10	92
	粗 /C	32	297		13	155
	超粗 /EC	32	353		—	—



- 1、最小排料口是指在不引起调整环跳动时所能实现的最小排料口，随矿石性质和作业条件的不同而改变。
- 2、“B”是在最小排料口“A”时对应的紧边给料口。
1. CSS REFER TO THE MINIMUM DISCHARGE THAT WILL NOT LEAD TO FLUCTUATION OF ADJUSTMENT RING, AND CHANGE ACCORDING TO THE MINERAL CHARACTERISTICS AND OPERATION CONDITIONS.
2. “B” IS THE CORRESPONDING CSS WHEN THE MINIMUM DISCHARGE OF “A”

■ 生产能力表 / Production Capacity Table

紧边排料口 CSS	生产能力 (t/h) Capacity							
	MPH3	MPH4	MPH6	MPH20	MPH30	MPH40	MPH50	MPH80
8mm	94-120	136-175						
10mm	105-145	155-205	220-305	93-122	112-142	136-176	170-223	256-332
13mm	135-185	190-260	275-375	118-151	149-183	185-233	232-287	320-420
16mm	165-215	230-315	330-455	136-180	183-215	221-282	277-350	385-495
19mm	185-245	265-345	375-485	145-192	198-242	255-322	318-395	430-540
22mm	195-265	280-370	415-540	164-203	219-265	270-345	339-422	475-605
25mm	205-275	305-400	435-565	171-222	233-284	292-369	367-456	490-725
32mm	215-305	315-445	445-625	188-237	246-315	323-434	402-533	540-805
38mm	255-345	365-505	515-710	205-250	303-385	364-495	440-610	605-945
45mm	275-388	405-555	565-785		347-436	408-561	511-702	685-1045
51mm						458-626	572-786	780-1196



振动圆锥破碎机
Vibrating Cone Crusher



■ 技术参数表 / Technical parameter table

参数 parameter	破碎机型号 Model	VC100	VC300
磨锥底部直径 (mm) Diameter of grinding cone bottom		1000	1600
* 生产能力 (t/h) *Capacity		60-120	220-250
最大进料尺寸 (mm) feeding max		80,100,120	150,180,200
应用于碎石生产 for break stone production		25	—
应用于开式循环磨碎 for grinding in open cycle		7	—
开式循环磨碎尺寸小于 100μm 的百分比 (%) Percentage of size less than 100 μm at grinding in open cycle		32	—
电机功率 (KW) Motor power		160-200	315-355
长 (mm) Length		3560	—
宽 (mm) Width		2100	—
高 (mm) Height		3030	—
重量 (kg) Weight		21000	50000

* 取决于破碎材料的强度 /depends on strength of crushed material

振动圆锥破碎机是破碎技术的新一代产品，融合了常规破碎和磨碎原理，进而能够产出前所未有数量的细碎产品。运用了美矿处理技术的创新型振动圆锥破碎机可以节省高达 30-40% 的能源。

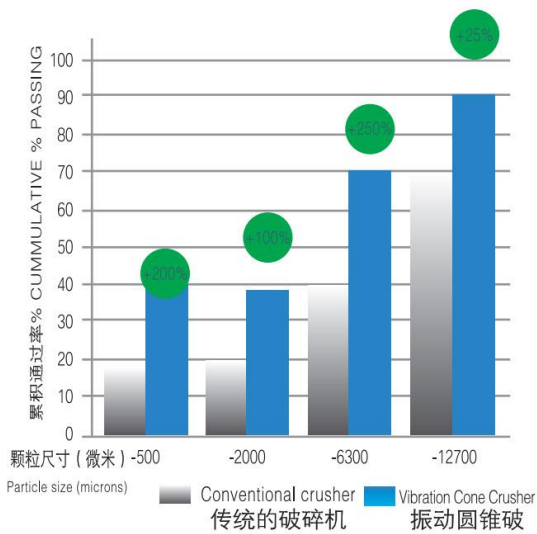
振动圆锥破碎机是由俄国人 Leonid Petrovich Zaragatsky 设计的，他也是拥有 1978 年美国专利 (专利号 US4073446) 关键人员之一。在超过 35 年的发展后，振动圆锥破转变成了现实，目前这些专利由来自中国的上海美矿机械有限公司和来自南非的 Sarathan 公司共同拥有。

振动圆锥破可以同时达成粗磨和细碎的功用，可以取代棒磨机或球磨机，对精简产线提高作业率大有益处。

The Vibration Cone Crusher is designed by a Russian--L .eonid Petrovich Zaragatsky, who is also one of the key persons holdingthe US patents (No. US4073446) in 1978, after more than 35 years development, the Vibration Cone Crusher has come into truth, now these patents are owned by both Shanghai Mackorn Machinery Co.,Ltd from China and Sarathan from South Africa.

The Vibration Cone Crusher is the coming generation of crushing technology, combining the best of conventional crushing and grinding principles to produce an unprecedented amount of finely crushed product. The innovative Vibration Cone Crusher enables up to 30-40% energy savings by adopting Mackorn processing technology.

Vibration Cone Crusher can accomplish the rough milling and fine crushing, and replace the rod mills or ball mills. Greatly beneficial to simplify the production line and increase the operation efficiency.



对照图 Contrast

振动圆锥破碎机已经应用于南非的 Central Rand 金矿，相比普通的矿石处理设备，振动圆锥破碎机节能的范围可以达到 30~32%，客户已经证明了产品技术和操作的可靠性。

The Vibration Cone Crusher has been used in Central Rand Gold in South Africa, its energy savings can reach the range of 30-32% .comparing to the normal processing, and the customers have proved the technical and operational reliability.

立轴冲击式破碎机 VSI

产品级配可保持恒定，因为磨耗件不直接破碎岩石，物料的金属污染极低，性能可靠、振动小，在增加产能的同时，更大程度地缩减了设备的检修停工时间。

The gradation can be maintained stable, because the wear parts so not crusher the minerals, the metal contamination of minerals is extremely low, the performance is reliable, the vibration is small. Meanwhile of increasing the capacity.it also maximizes to shorten the shut-down time of equipment maintenance.

■ 技术参数表 / Technical parameter table

BVS 系列立轴冲击式破碎机 /BVS series of VSI

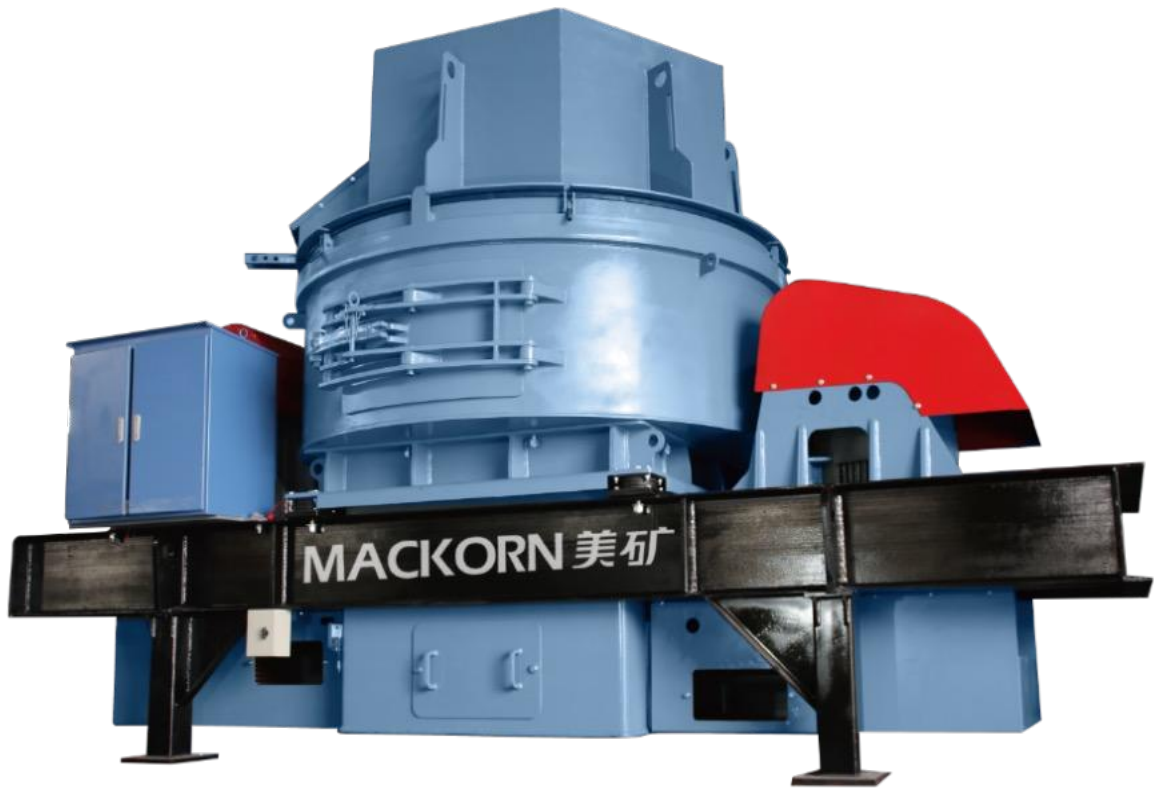
参数 parameter	破碎机型号 Model	BVS615E	BVS715E	BVS910E
最大给料粒度 (mm) Max feeding particle size		37	45	50
电机功率 (kw) power		75-160	160-320	320-630
设备重量 (kg) machine weight		6400	12400	14400
生产能力 (t/h) Capacity		60-217	125-545	263-775



■ 技术参数表 / Technical parameter table

CVS 系列立轴冲击式破碎机 /CVS Series of VSI

参数 parameter 破碎机型号 Model	CVS711	CVS718	CVS825	CVS837	CVS850
最大给料粒度 (mm) Max feeding particle size	50	50	55	55	55
电机功率 (kw) power	110	185	250	2 X 185	2 X 250
设备重量 (kg) machine weight	9505	9505	11780	14830	14830
生产能力 (t/h) Capacity	50-120	120-190	190-253	250-445	445-605



NPK 系列反击式破碎机
NPK Series of Impact Crusher

NPK 系列涡旋强力反击式破碎机是我们公司研制开发的高效涡旋反击式破碎机，该产品适用于抗压强度不超过 250MPa 的各种物料的粗、中、细碎作业，具有结构独特、操作方式简单、高效节能、产品形状呈立方体、排料粒度大小可调、可选择破碎、简化破碎流程、节约成本等特点。该机广泛应用于水电、高速公路人工砂石料的破碎作业。

NPK series vortex powerful impact crusher is a high-efficiency vortex impact crusher developed by our company. This product is suitable for coarse, medium and fine crushing of various materials with a compressive strength not more than 250MPa. It has a unique structure and operation The method is simple, efficient and energy-saving, the product is cubic in shape, the discharge particle size is adjustable, crushing is optional, the crushing process is simplified, and costs are saved. It is widely used in the crushing operations of artificial sand and gravel in hydropower and highways.



■ 技术参数表 / Technical parameter table

参数 parameter 破碎机型号 Model	粗碎 coarse crushing				中碎 Medium crushing	中碎和细碎 Medium & Fine Crushing		
	NPK1313	NPK1415	NPK1620	NPK2023	NPK1110	NPK1213	NPK1315	NPK1520
转子重量 (kg) Rotor Weight	6340	8165	15980	28280	3065	4850	6370	10400
转子直径 (mm) Diameter of Rotor	1300	1400	1600	2000	1100	1200	1300	1500
转子宽度 (mm) Width of Rotor	1300	1500	2000	2300	1000	1300	1500	2000
给料口 (mm) Feed Opening	1320×1225	1540×1320	2040×1634	2310x1986	1020×820	1320×879	1540×930	2040×995
最大给料粒度 (mm) Max Feeding	900	1000	1300	1500	600	600	600	600
设备重量 (kg) machine weight	17800	22230	41240	80600	9250	12780	16130	27100
额定功率 (kw) Rated Power	200	250	400 (2×200)	1000 (2×500)	160	250	315	500 (2×250)

SZF 系列水平振动筛

SZF series of horizontal vibrating screen

SZF 系列水平振动筛为直线或椭圆振动筛，水平或小倾角安装。筛分效率高，产能大，所需安装空间较低。

SZF series horizontal vibrating screens are linear or elliptical vibrating screens installed horizontally or at small inclinations. The screening efficiency is high, the production capacity is large, and the installation space needed is smaller.



■ 技术参数表 / Technical parameter table

参数 parameter		型号 Model	SZF1540	SZF1550	SZF1850	SZF1860	SZF2160	SZF2460	SZF3060	SZF3070
尺寸 Dimension (mm)			1500×4000	1500×5000	1800×5000	1800×6000	2100×6000	2400×6000	3000×6000	3000×7000
S 单层筛 Single-deck Screen	重量 (kg) Weight		2890	3770	4220	4700	5150	6580	13360	—
	电机功率 (kw) Motor Power		2×5.5	2×11	2×11	2×11	2×11	2×15	2×30	—
D 双层筛 Dual-deck Screen	重量 (kg) Weight		3880	4350	5160	6680	7460	11000	—	15430
	电机功率 (kw) Motor Power		2×11	2×11	2×11	2×15	2×15	2×22	—	2×30
T 三层筛 Triple-deck Screen	重量 (kg) Weight		6680	6000	7280	10100	11810	13340	—	—
	电机功率 (kw) Motor Power		2×11	2×15	2×15	2×22	2×22	2×30	—	—

SYW 系列圆振动筛

SYW Circular Vibrating Screen

SYW 系列圆振动筛适用于处理初级破碎和二级破碎后物料，也可用于筛分最终的成品物料。

SYW series of circular vibrating screen is applicable for processing primarily and secondarily crushed minerals and can also be used for screening final finished materials.

■ 技术参数表 / Technical parameter table

型号 Model	筛面规格 (mm) Screen size	筛层 layer	最大给料尺寸 (mm) Max Feeding	通过量 (t/h) Passing quantity	电机功率 (kw) Motor Power	重量 (t) Weight	筛面倾斜 (°) Inclination	双振幅 (mm) double amplitude
SYW1545S	1500×4500	1	400	33-240	11	3.9	10	8
SYW1545D	1500×4500	2	400	32-240	15	4.4	20	8
SYW1548D	1500×4800	2	200	60-270	15	4.9	20	8
SYW1548T	1500×4800	3	400	47-275	15	6	20	8
SYW1548F	1500×4800	4	200	60-250	18.5	7	20	8
SYW1854S	1800×5400	1	200	63-586	18.5	5.1	20	8
SYW1854D	1800×5400	2	400	63-586	22	7.6	20	8
SYW1854T	1800×5400	3	400	51-496	22	8.7	15	8
SYW1854F	1800×5400	4	400	32-310	30	10.5	20	8
SYW2160S	2100×6000	1	400	400-600	18.5	5.9	20	8
SYW2160D	2100×6000	2	400	390-560	30	7.8	20	8
SYW2160T	2100×6000	3	400	390-560	30	10.7	20	8
SYW2160F	2100×6000	4	400	66-720	45	11.1	20	8
SYW2460S	2400×6000	1	200	450-650	22	6.2	20	8
SYW2460D	2400×6000	2	200	450-650	30	8	20	8
SYW2460T	2400×6000	3	200	450-650	37	10.7	20	8
SYW2460F	2400×6000	4	200	450-650	45	12.8	20	8
SYW3072S	3000×7200	1	200	600-800	37	10.8	20	8
SYW3072D	3000×7200	2	200	600-800	22×2/30×2	11.8	20	8
SYW3072T	3000×7200	3	200	600-800	22×2/30×2/37×2	15.8	20	8
SYW3680D	3600×8000	2	200	400-800	30×2/37×2	16.7	20	8
SYW3680T	3600×8000	3	200	400-800	37×2/45×2	20.3	20	8

注：圆振动筛分轻型和重型，本表格内展示数据为轻型圆振动筛数据。

Notes: Circular vibrating screen is categorized into the types of light duty and heavy duty, the data in the above table is of the light duty type.

振动给料机

Vibrating Grizzly Feeder



振动给料机采用轴偏心振动产生激振力的设计原理，主要用于粗破碎机前给料。它的优势在于运行时振动平稳，给料连续均匀，可延长设备使用寿命；栅条间隙可调节，防止物料堵塞；该设备可选装调速电机控制给料量，无需频繁启动电机。在给料的同时，可预筛分细料，提高破碎效率。

The vibration feeder adopts the design principle of eccentric shaft vibration to generate excitation force, mainly used for feeding before the coarse crusher. Its advantage lies in stable vibration during operation, continuous and even feeding, which can extend the service life of the equipment; The gap between the bars can be adjusted to prevent material blockage; This device can be equipped with a speed regulating motor to control the feeding amount, without the need to frequently start the motor. While feeding, fine materials can be pre-screened to improve crushing efficiency.

■ 技术参数表 / Technical parameter table

MSV 系列振动给料机 / MSV series vibrating grizzly feeder

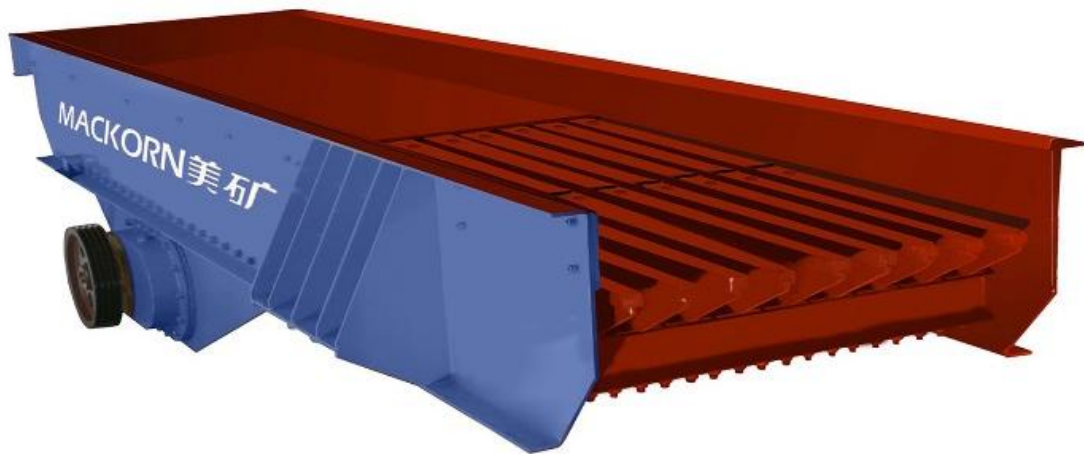
参数 parameter	型号 Model	MSV1062	MSV1262	MSV1562	MSV1862
宽度 (mm) width		1020	1220	1520	1820
长度 (mm) length		6000	6000	6000	6000
棒条长度 (mm) bar length		2×900	2×900	2×900	2×900
最大给料粒度 (mm) maximum feeding particle size		500	700	800	1000
双振幅 (mm) double amplitude		4-10	4-10	4-10	4-10
电动机功率 (kw) Motor Power		22	30	37	45
重量 (kg) Weight		5965	6855	8050	10620
生产能力 (t/h) Capacity		550-820	710-1050	830-1280	1020-1550

ZSW 系列振动给料机 / ZSW series vibrating grizzly feeder

参数 parameter	型号 Model	ZSW1038	ZSW1149	ZSW1360	ZSW1560	ZSW1860
宽度 (mm) width		950	1100	1300	1500	1800
长度 (mm) length		3800	4900	6000	6000	6000
棒条长度 (mm) bar length		1500	1600	2×1200	2×1200	2×1200
最大给料粒度 (mm) maximum feeding particle size		500	600	700	800	1000
双振幅 (mm) double amplitude		4-9	4-10	4-10	4-10	4-9
电动机功率 (kw) Motor Power		11	15	22	30	37
重量 (kg) Weight		4100	5320	7500	8666	12215
生产能力 (t/h) Capacity		96-160	160-300	400-560	460-575	600-800

GZG 系列电磁振动给料机 / GZG series vibrating grizzly feeder

参数 parameter	型号 Model	GZG60-100	GZG90-150	GZG100-150	GZG130-160	GZG150-180	GZG180-200	GZG200-200
槽型尺寸 (cm) B×L×H		60×100×20	90×150×25	100×150×25	130×160×30	150×180×30	180×200×37.5	200×200×40
給料能力 (t/h) Capacity	水平	100	180	270	480	720	900	1000
	—10°	150	250	380	670	1000	1200	1400
最大给料粒度 (mm) maximum feeding particle size		200	250	300	350	500	500	500
双振幅 (mm) double amplitude		4	4	—	—	—	—	—
振动频率 (次 / 分钟) Vibration frequency (Times/min)		1450	1450	1450	1450	1450	960	960
电动机功率 (kw) Motor Power		2×0.55	2×0.75	2×1.1	2×1.5	2×2.2	2×3.7	2×3.7
重量 (kg) Weight		370	610	760	1040	1420	2350	2700



移动破碎筛分站

Mobile Crushing and Screening Station

移动式破碎站采用自行驱动方式、技术先进、高效破碎、功能齐全。破碎比大，其优化设计可满足破碎机需要的技术特点，生产效率高，成品料粒度均匀一致。广泛适用于矿山、煤矿、垃圾及建筑垃圾的循环再利用，土石方工程、城市基础设施、道路或建筑工地等场地作业。

Our mobile crushing plant is equipped with self-driving mode, advanced technology, high-efficiency crushing and complete functions, so that it can meet large crushing ratios and the technical characteristics most needed by the crusher by its optimized design. The production efficiency is high, and the granularity of finished product is uniform. It is widely used in the recycling of mining, coal mines, garbage and construction waste, and site operations such as earth and rock works, urban infrastructure, roads or construction sites, etc



■ 技术参数表 / Technical parameter table

MVJ 颚式破碎站 /MVJ Jaw Crushing tation

参数 parameter 破碎机型号 Model	MVJ960	MVJ1060	MVJ1200	MVJ4120	MVJ6131	MVJ6151
长 (mm) L	12480	15500	16790/18000	20600	19800	205000
宽 (mm) W	2700	2850	3300	3300	3500	4800
高 (mm) H	3150	3500	4100	4700	5800	6580
重量 (kg) Weight	29300	42000	60800	71300	116000	140500
破碎机型号 Model	MC960	MC1060	MC1200	MJ4120	MJ6131	MJ6151
给料口尺寸 (mm) Feeding Size	930×580	1060×700	1200×870	1200×831	1300×1130	1500×1070
给料机容积 (m³) Feeder Capacity	4/6	6/9	7/12	7/12	9/14	11/15
发动机功率 (kw) Motor Power	170	224	310	323	387	400
振动筛规格 (mm) Screen Spec	2000/1100	3000/1100	—	—	—	—

MB 圆锥破碎站 /MB Cone Crushing Station

参数 parameter 破碎机型号 Model	MB30	MB30S	MB50	MB50S	MB400	MB600
长 (mm) L	18300	17500	20000	22595	15768	31400
宽 (mm) W	3600	3800	3850	4400	3160	4500
高 (mm) H	3950	4100	4350	4350	3786	6200
重量 (kg) Weight	67200	43300	115000	121000	42000	84000
破碎机型号 Model	MPH30	MPH30	MPH50	MPH50	NH400	NH600
给料口尺寸 (mm) Feeding Size	230/230	230	280	280	215	275
给料机容积 (m³) Feeder Capacity	—	5/8	12/15	12/15	4	12/15
发动机功率 (kw) Motor Power	403	403	481	481	400	545



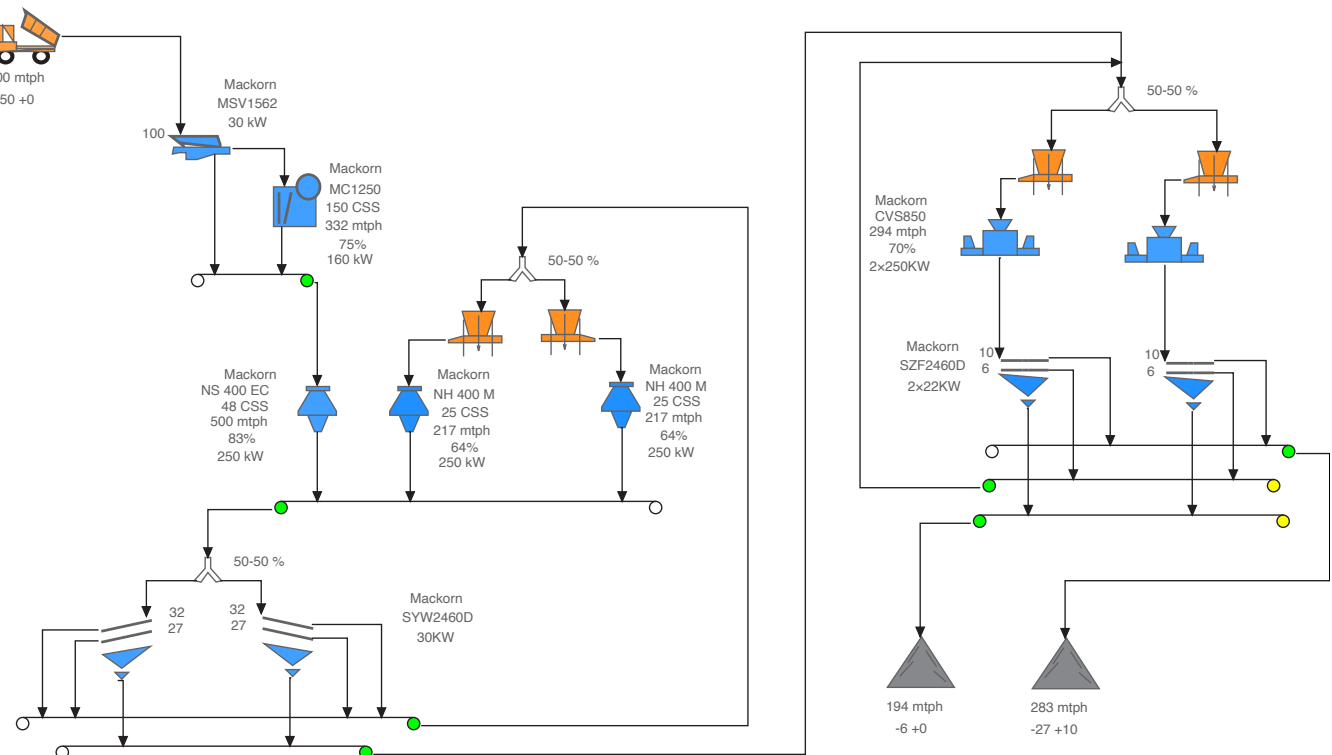
MVC 反击式破碎站 /MVC Impact Crushing Station

参数 parameter 破碎机型号 Model	MVC1110	MVC1110S	MVC1213	MVC1213S	MVC1315
长 (mm) L	14910	17850	16000	19600	18300
宽 (mm) W	2600	2900	3100	3350	3550
高 (mm) H	3450	3600	3750	3650	3900
重量 (kg) Weight	32500	39000	42600	52000	60400
破碎机型号 Model	NPK1110	NPK1110	NPK1213	NPK1213	NPK1315
给料口尺寸 (mm) Feeding Size	1040×800	1040×800	1320×900	1320×900	1540×930
给料机容积 (m³) Feeder Capacity	5/8	5/8	6/9	6/9	8/22
发动机功率 (kw) Motor Power	248	248	310	310	403
振动筛规格 (mm) Screen Spec	—	3000/1100	—	3600/1600	3500/1600

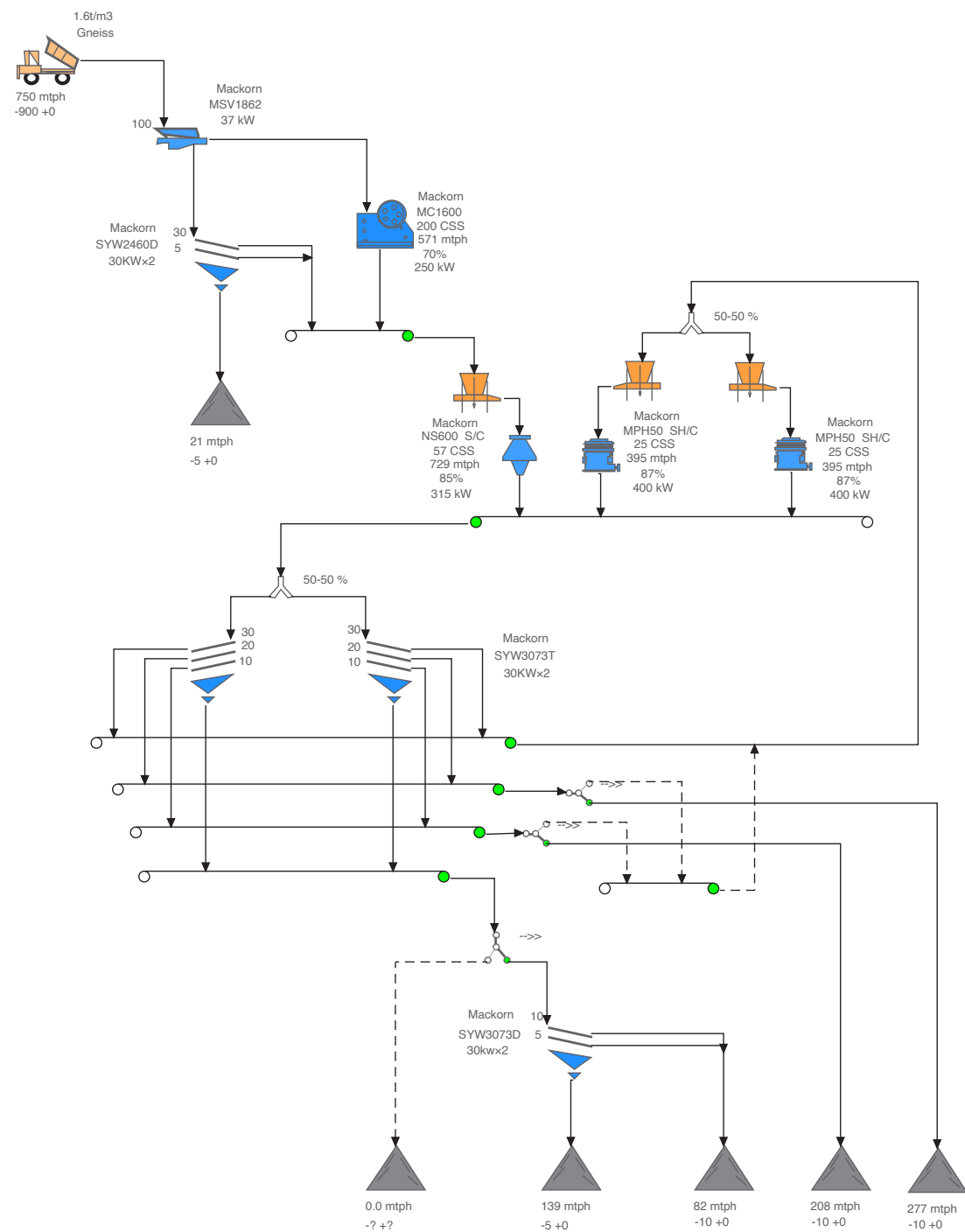


破碎筛分流程图 Crushing and Screening Layout

500 TPH 破碎筛分流程图 /500 TPH Crushing and Screening Layout



750 TPH 破碎筛分流程图 /750 TPH Crushing and Screening Layout



1100 TPH 破碎筛分流程图 /1100 TPH Crushing and Screening Layout

