

上海世邦机器有限公司
SHANGHAI SHIBANG MACHINERY CO.,LTD.



轮胎式系列移动破碎站 Portable Crushing Plant

中国上海浦东金桥南区建业路416号
No.416 Jianye Road, South Jinqiao Area, Pudong
New District, Shanghai, China

邮编 (Postcode): 201201

国际市场部 : International Trade Department

Tel: 0086-021-58386176
0086-021-58386189

Fax: 0086-021-58386211

Email: sbm@sbmchina.com

Web: www.sbmchina.com

国内市场部 :

Tel: 400-696-1899 (24小时销售热线)
021-58386699

Fax: 021-58385681

Web: www.shibangchina.com

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上海世邦机器有限公司

轮胎系列移动破碎站 Rubber-tyred Series Jaw Crusher Mobile Station

履山地之险 如平川之易



轮胎系列颚破移动站

Rubber-tyred Series Jaw Crusher Mobile Station

轮胎式移动破碎站 OVERVIEW ON ADVANTAGES OF RUBBER-TYRED MOBILE CRUSHING AND SCREENING STATION

轮胎式移动破碎站的优势综述

1. 一体化机组设备安装形式，消除了分体组件的繁杂场地基础设施安装作业，降低了物料、工时消耗，机组合理紧凑的空间布局，最大限度的优化了设备配置在场地的驻扎空间；
2. 机动灵活，轮胎式移动破碎站车载底盘高，车体宽度小于运营半挂车，转弯半径小，便于在各种不同路面上行驶；
3. 降低物料运输费用，轮胎式系列移动破碎站，本着物料“接近处理”的原则，免除了物料运离现场再破碎、处理的中间环节；
4. 作业直接有效，一体化轮胎式系列移动破碎站，可以独立使用，也可针对客户对流程中的物料类型、产品要求，提供灵活的工艺方案配置；
5. 适应性强，配置灵活。轮胎式系列移动破碎站，针对粗碎、细碎、筛分系统，为客户提供了简捷、低成本的特色组合机组配置。
6. 喂料料仓护板液压升降，方便装卸，固定便捷、可靠；
7. 整车控制柜中可配有高科技液晶触摸屏和PLC控制系统，密匙启动，有故障及安全提示等功能；
8. 支腿采用全液压升降方式，操作方便灵活，性能可靠；皮带机可翻转折叠，便于破碎机现场维修和配件更换，缩小运输空间。

1. The form of integrative installment reduces the installation of the complex infrastructure and accessory equipment, lower the consumption of materials and man-hour and the rational compact spatial arrangement optimizes the operating spaces for the facilities at the site;
2. It is flexible. The vehicle chassis of the rubber-tyred mobile crusher station is high, the vehicle width is smaller than the one of the operational semitrailer and the turning radius is small which is convenient to drive on different road conditions;
3. It helps to reduce the material transportation cost and the rubber-tyred series mobile crusher station avoids the intermediate links of re-crushing and re-handling when the materials are transported from the site;
4. The integrated rubber-tyred series mobile crusher station can be used independently and also can provide flexible technological schemes according to the material types and product requirements by the clients in the course of the flow which generates organization and makes the logistics more directly and effective;
5. It is strong adaptability and flexible configuration. Rubber-tyred series mobile crusher station has provided clients with easy and low-cost featured and packaged unit configuration according to coarse crushing, fine crushing and screening system;
6. Feeding guard board hydraulic elevator is convenient to be disassembled and fixed easily and reliably;
7. It is possible to be equipped with functions such as high-tech LCD touch screen and PLC control system, key start-up and safety tips, etc.;
8. Full hydraulic pressure elevation mode is adopted for the support which features convenient and flexible operation and reliable performance; The belt conveyor is foldable and helps on-site maintenance and components replacement of the crusher and shorten the transportation space.



RUBBER-TYRED SERIES 轮胎系列颞破移动站 JAW CRUSHER MOBILE STATION

轮胎系列颞破移动站
Rubber-tyred Series Jaw Crusher Mobile Station

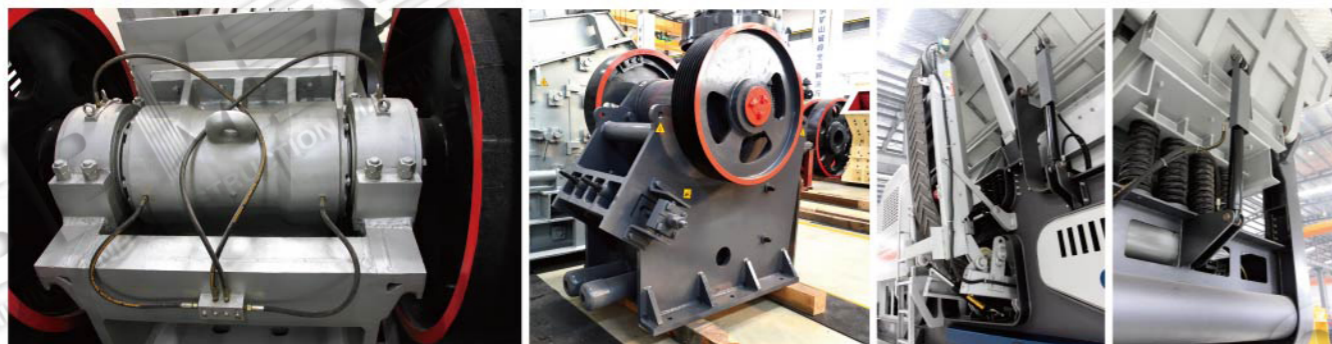


主要技术参数 | Main Technical Parameters

型号 Model	YG938E69	YG1142E710	YG1349E912	YG1349EW86	YG1349EW110
运输长度 (mm) Transport Length (mm)	11900	13500	15200	15200	15200
运输宽度 (mm) Transport Width (mm)	2550	2550	2950	2750	2800
运输高度 (mm) Transport Height (mm)	3650	4300	4450	4350	4900
最大长度 (mm) Max. Length (mm)	12100	13800	15500	15500	15500
最大宽度 (mm) Max. Width (mm)	2890	2920	3300	3300	3300
最大高度 (mm) Max. Height (mm)	4060	4690	4950	4950	4950
轮胎配置 Tire Configuration	并装双轴 C Co-loaded Biaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C
破碎机型号 Crusher Model No	PE600×900	PE750×1060	PE900×1200	PEW860	PEW1100
最大进料 (mm) Max. Feeding (mm)	480	630	750	720	930
出料口调整范围 (mm) Adjusting Range of Discharging Range (mm)	65~160	80~140	95~165	100~225	150~275
处理量 (t/h) Treatment Capacity (t/h)	90~180	110~320	220~450	200~500	300~650
给料机型号 Feeder Model No	GZD960×3800	GZD1100×4200	GZD1300×4900	GZD1300×4900	GZD1300×4900
主皮带机型号 Main Belt Conveyor Model No	B800×8.5M	B1000×9M	B1200×9.5M	B1200×9.5M	B1200×9.5M
侧出料皮带机型号 (选配) Side Discharging Belt Conveyor Model No (Optional)	B450×3M	B500×3.5M	B650×4M	B650×4M	B650×4M
发电机组 (选配) (KW) Generator Unit (Optional) (KW)	180	250	250	270	380
除铁器 (选配) Iron Remover (Optional)	RCYD(C)-8	RCYD(C)-10	RCYD(C)-12	RCYD(C)-12	RCYD(C)-12

性能特点: Performance Characteristics:

- ❖ 破碎腔深而且无死区, 提高了进料能力与产量, 且噪音低, 粉尘少;
Crushing cavity is deep with no dead zone which has improved the feeding ability and yield with characteristics of low noise and less dust;
- ❖ 破碎比大, 产品粒度均匀;
Big crushing ratio and uniform particle size;
- ❖ 润滑系统安全可靠, 部件更换方便, 保养工作量小;
It is fitted with safe and reliable lubrication system and its components are easy to be replaced featuring little maintenance;
- ❖ 结构简单, 工作可靠, 运营费用低;
Simple structure, reliable work and low operation costs;
- ❖ 欧版颞破液压调整方式调整排料口, 方便快捷;
European jaw crusher hydraulic adjustment method is used for adjusting discharging port which is convenient and quick to operate;
- ❖ 欧版颞破采用更大规格的轴承, 承载能力更高。
Bigger sized bearings are adopted for the European jaw crusher is able to bear higher loading capacity.



注: 生产能力按中等硬度的石灰石测定。同时又受物料的粒度、含水量, 及物料的性质等因素影响。
NOTE: Capacity is according to the medium hard limestone. The size, humidity level and characters of materials will influence the capacity.

RUBBER-TYRED COMPACT CRUSHER MOBILE STATION

轮胎系列反击破移动站

轮胎系列反击破移动站
Rubber-tyred Compact Crusher Mobile Station

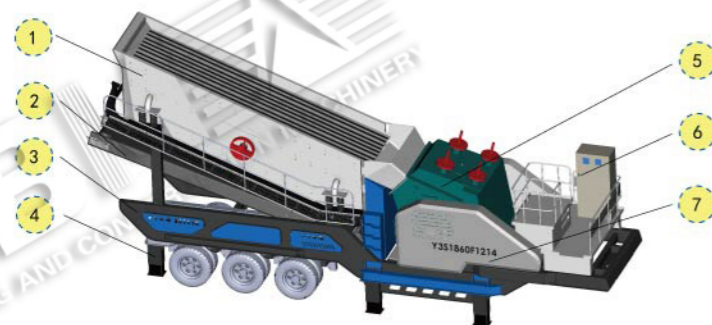


主要技术参数 | Main Technical Parameters

型号 Model No	YG938F1210	YG1142F1214	YG1142F315	YG1142FW315 II
运输长度 (mm) Transport Length (mm)	11900	11900	13500	13500
运输宽度 (mm) Transport Width (mm)	2550	2650	2780	2780
运输高度 (mm) Transport Height (mm)	4000	4000	4150	4150
最大长度 (mm) Max. Length (mm)	12100	12100	13800	13800
最大宽度 (mm) Max. Width (mm)	2890	2920	2920	2920
最大高度 (mm) Max. Height (mm)	4400	4400	4700	4700
轮胎配置 Tire Configuration	并装双轴 C Co-loaded Biaxial C	并装双轴 C Co-loaded Biaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C
破碎机型号 Crusher Model No	PF-1210	PF-1214	PF-1315	PFW-1315 II
最大进料 (mm) Max. Feeding (mm)	300	300	350	600
处理量 (t/h) Treatment Capacity (t/h)	70~130	90~180	120~250	180~320
给料机型号 Feeder Model No	GZD960×3800	GZD1100×4200	GZD1100×4200	GZD1100×4200
主皮带机型号 Main Belt Conveyor Model No	B800×8.5M	B1000×9M	B1000×9M	B1000×9M
侧出料皮带机型号 (选配) Side Discharging Belt Conveyor Model No (Optional)	B450×3M	B500×3.5M	B500×3.5M	B500×3.5M
发电机组 (选配) (KW) Generator Unit (Optional) (KW)	180	270	380	380
除铁器 (选配) Iron Remover (Optional)	RCYD(C)-8	RCYD(C)-10	RCYD(C)-10	RCYD(C)-10

性能特点: Performance Characteristics:

- ❖ 反击板与板锤间隙方便调节, 有效控制出料粒度, 颗粒形状好;
It is easy to adjust between the clearance of the counterattack plate and the plate hammer which enable to control grain-size and keep good particle shape;
- ❖ 高铬板锤, 抗冲击、抗磨损、冲击力大, 独特的板锤固定装置, 使得板锤的可靠性更高;
The high chrome plate hammer features resistant against compact and wear with huge impact. The unique plate hammer fixing device, making higher reliability of the plate hammer;
- ❖ 破碎功能全、生产率高、机件磨损小、综合效益高;
Complete crushing function, high productivity, mechanical wear and high comprehensive benefit;
- ❖ 重型化的转子设计, 以及严格的检测手段, 保证高质量的转子;
Heavy rotor design and strict testing method ensures the high quality of rotor;
- ❖ 轴承座采用整体式铸钢结构, 选用轴承规格更大、承载能力更高;
Integrated cast steel structure is adopted for the bearing base and higher sized bearings and higher loading capacity are selected;



1. 振动筛 1. Vibrating screen
2. 皮带机 2. Belt Conveyor
3. 车架大梁 3. Vehicle Frame Crossbeam
4. 液压支腿 4. Hydraulic Support
5. 反击破 5. Compact Crusher
6. 电控柜 6. Electric Control Cabinet
7. 护罩 7. Shield

注: 生产能力按中等硬度的石灰石测定。同时又受物料的粒度、含水量, 及物料的性质等因素影响。

NOTE: Capacity is according to the medium hard limestone. The size, humidity level and characters of materials will influence the capacity.

轮胎系列反击破移动站
Rubber-tyred Compact Crusher Mobile Station

主要技术参数 | Main Technical Parameters

型号 Model No	Y3S1848F1210	Y3S1860F1214	Y3S2160F1315	Y3S1848FW210 III	Y3S1860FW214 III	Y3S2160FW315 III
运输长度 (mm) Transport Length (mm)	13500	15200	15200	13500	15200	15200
运输宽度 (mm) Transport Width (mm)	2830	2830	3100	2830	2830	3100
运输高度 (mm) Transport Height (mm)	4350	4350	4350	4350	4350	4350
最大长度 (mm) Max. Length (mm)	14600	15500	15500	14600	15500	15500
最大宽度 (mm) Max. Width (mm)	3600	3600	3970	3600	3600	3970
最大高度 (mm) Max. Height (mm)	6000	6380	6380	6380	6380	6380
轮胎配置 Tire Configuration	并装双轴 C Co-loaded Biaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C	并装双轴 C Co-loaded Biaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C
破碎机型号 Crusher Model No	PF-1210	PF-1214	PF-1315	PFW-1210 II	PFW-1214 II	PFW-1315 II
筛下皮带机 Undersieve Belt Conveyor	B800×6M	B800×7M	B1000×7M	B800×6M	B800×7M	B1000×7M
振动筛型号 Vibrating Screen Model No	YZS1848	YZS1860	YZS2160	YZS1848	YZS1860	YZS2160

注：生产能力按中等硬度的石灰石测定。同时又受物料的粒度、含水量，及物料的性质等因素影响。

NOTE: Capacity is according to the medium hard limestone. The size, humidity level and characters of materials will influence the capacity.



轮胎系列移动破碎站
RUBBER-TYRED SERIES 轮胎系列圆锥破移动站
CONE CRUSHER MOBILE STATION

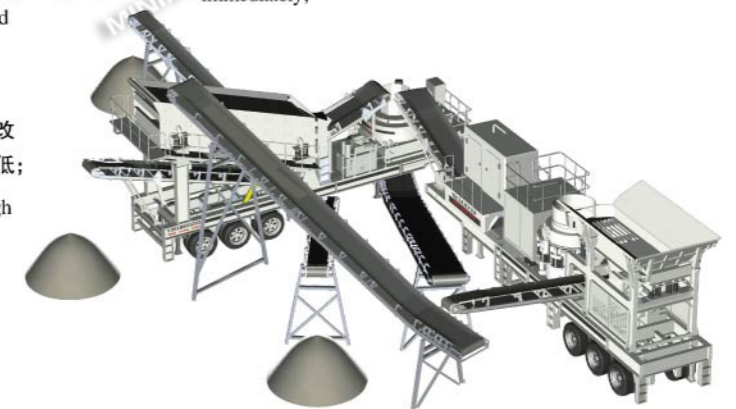


性能特点：
Performance Characteristics:

- ◆ 装有高效圆锥破碎机，适于各种硬度物料的中细碎，破碎性能卓越；
It features great production capacity, high reliability, easy maintenance which has greatly reduced the production costs;

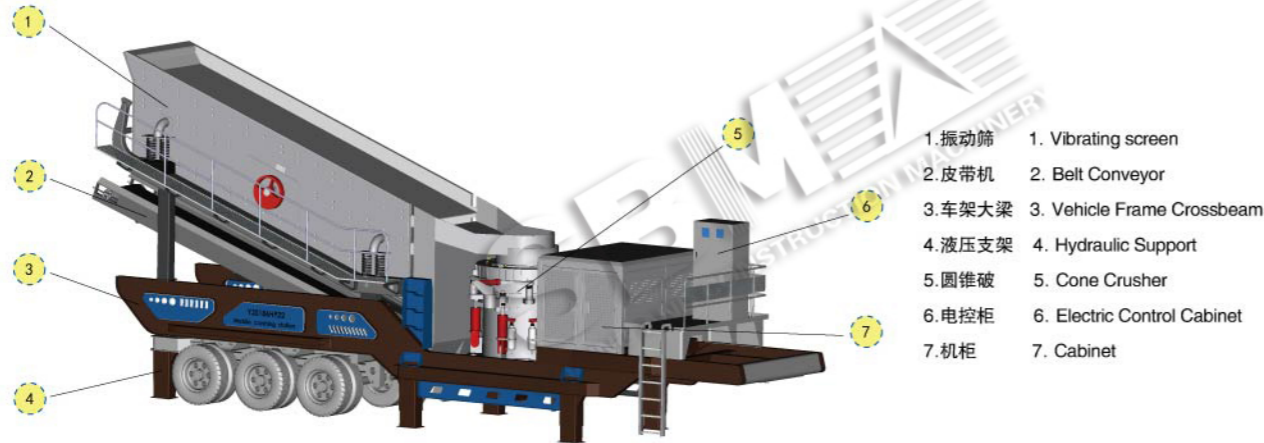
The crusher equipped with efficient cone enjoys excellent crushing performance, suitable for secondary and fine crushing all kinds of hardness of materials;
- ◆ 破碎腔采用粒间层压原理进行特殊设计，配合相应的转速，显著提高破碎比和产量，增加成品料立方体的含量；
It features more stable operation. When hard objects which can not be crushed such as iron pieces entering into the machine, then the iron protection device will automatically discharge it and reset itself immediately;

The crushing cavity is specially-designed according to the principle of grain layer crushing in combination with the corresponding rotary speed which has significantly increased crushing ratio and output and increased the content of finished product material cube;
- ◆ 破碎壁、轧臼壁采用高锰钢制作，加之破碎腔型的改变和层压破碎时料层的保护，使机器的磨损大大降低；
Both crushing wall and rolling mortar wall is made of high manganese steel with the transform of the cavity shape and the protection of the material layer during the layer crushing which has greatly reduced the machine wear;



轮胎系列圆锥破移动站
Rubber-tyred Series Cone Crusher Mobile Station

主要结构 | Main structure



- 1. 振动筛 1. Vibrating screen
- 2. 皮带机 2. Belt Conveyor
- 3. 车架大梁 3. Vehicle Frame Crossbeam
- 4. 液压支架 4. Hydraulic Support
- 5. 圆锥破 5. Cone Crusher
- 6. 电控柜 6. Electric Control Cabinet
- 7. 机柜 7. Cabinet



轮胎系列移动筛分站
MOBILE SCREENING STATION

轮胎系列移动筛分站

主要技术参数 | Main Technical Parameters

型号 Model	Y3S1848CS75	Y3S1860CS160	Y3S1860HP220
运输长度 (mm) Transport Length (mm)	13500	15200	15200
运输宽度 (mm) Transport Width (mm)	2830	2830	2830
运输高度 (mm) Transport Height (mm)	4350	4350	4350
最大长度 (mm) Max. Length (mm)	14600	15500	15500
最大宽度 (mm) Max. Width (mm)	3600	3600	3600
最大高度 (mm) Max. Height (mm)	6000	6380	6380
轮胎配置 Tire Configuration	并装双轴 C Co-loaded Biaxial C	并装三轴 C Co-loaded Triaxial C	并装三轴 C Co-loaded Triaxial C
破碎机型号 Crusher Model No	CS75	CS160	HP220
筛下皮带机 Undersieve Belt Conveyor	B800×6M	B800×7M	B800×7M
振动筛型号 Vibrating Screen Model No	YZS1848	YZS1860	YZS2160

注：生产能力按中等硬度的石灰石测定。同时又受物料的粒度、含水量，及物料的性质等因素影响。

NOTE: Capacity is according to the medium hard limestone. The size, humidity level and characters of materials will influence the capacity.



性能特点：
Performance Characteristics:

- ◆ 结构先进，坚固耐用；
Advanced structure, sturdy and durable;
- ◆ 结构简单，维修方便快捷，电耗低、噪音小，寿命长；
Simple structure, convenient maintenance, low power consumption, small noise and long service life;
- ◆ 柔性连接，运转平稳，筛分效率高、处理量大；
Flexible connection, smooth operation, high screening efficiency and large handling capacity;