

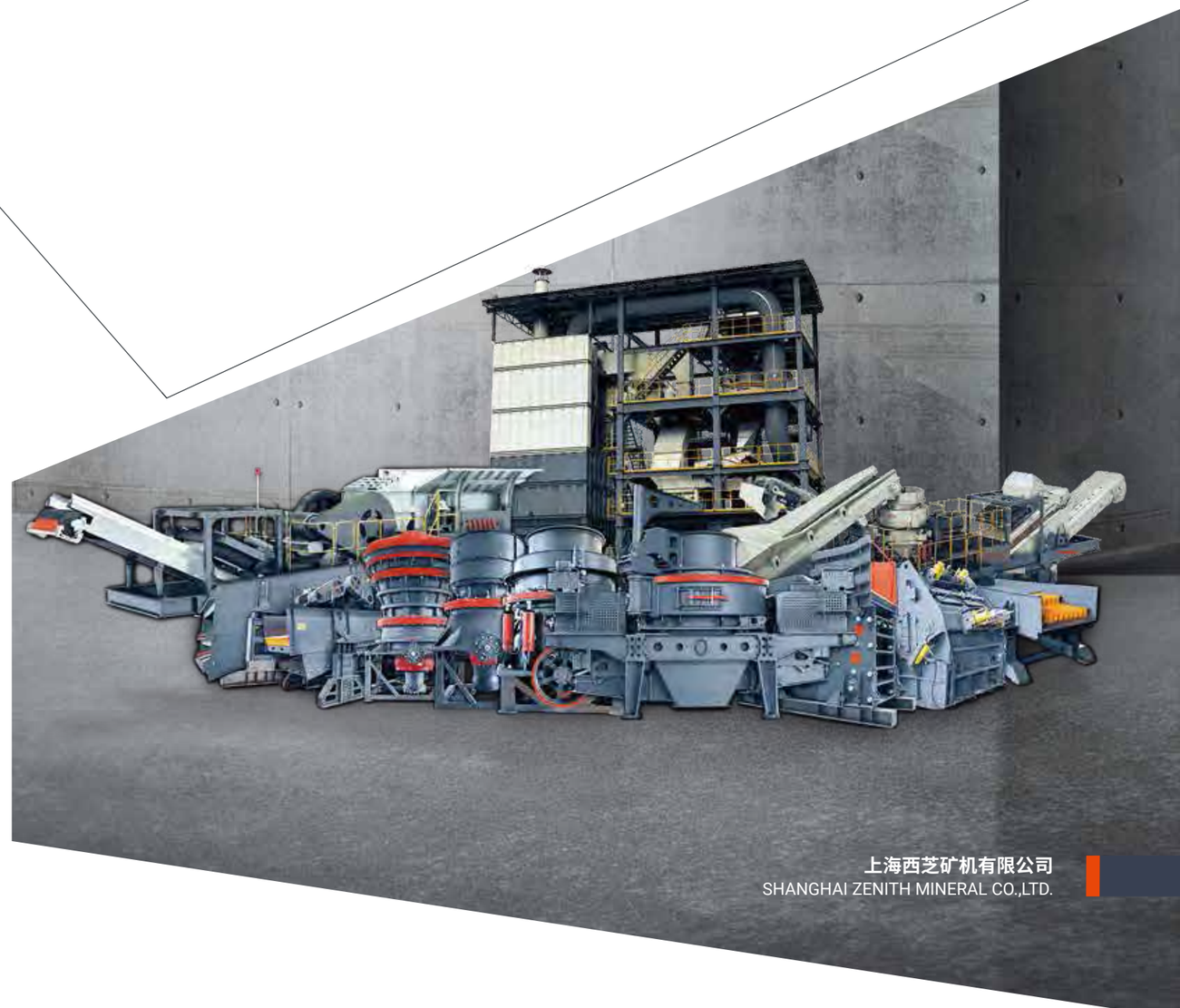
ZENITH
MINERAL

享誉全球的专业设备制造商
A WORLD-RENOWNED
EQUIPMENT MANUFACTURER

CRUSH ROCKS BUILD DREAMS

We pursue the ZENITH of technology and quality

建筑骨料破碎分级优化整体解决方案



上海西芝矿机有限公司
SHANGHAI ZENITH MINERAL CO.,LTD.

30 YEARS

0086-021-58386256 58386258 / info@zenithcrusher.com

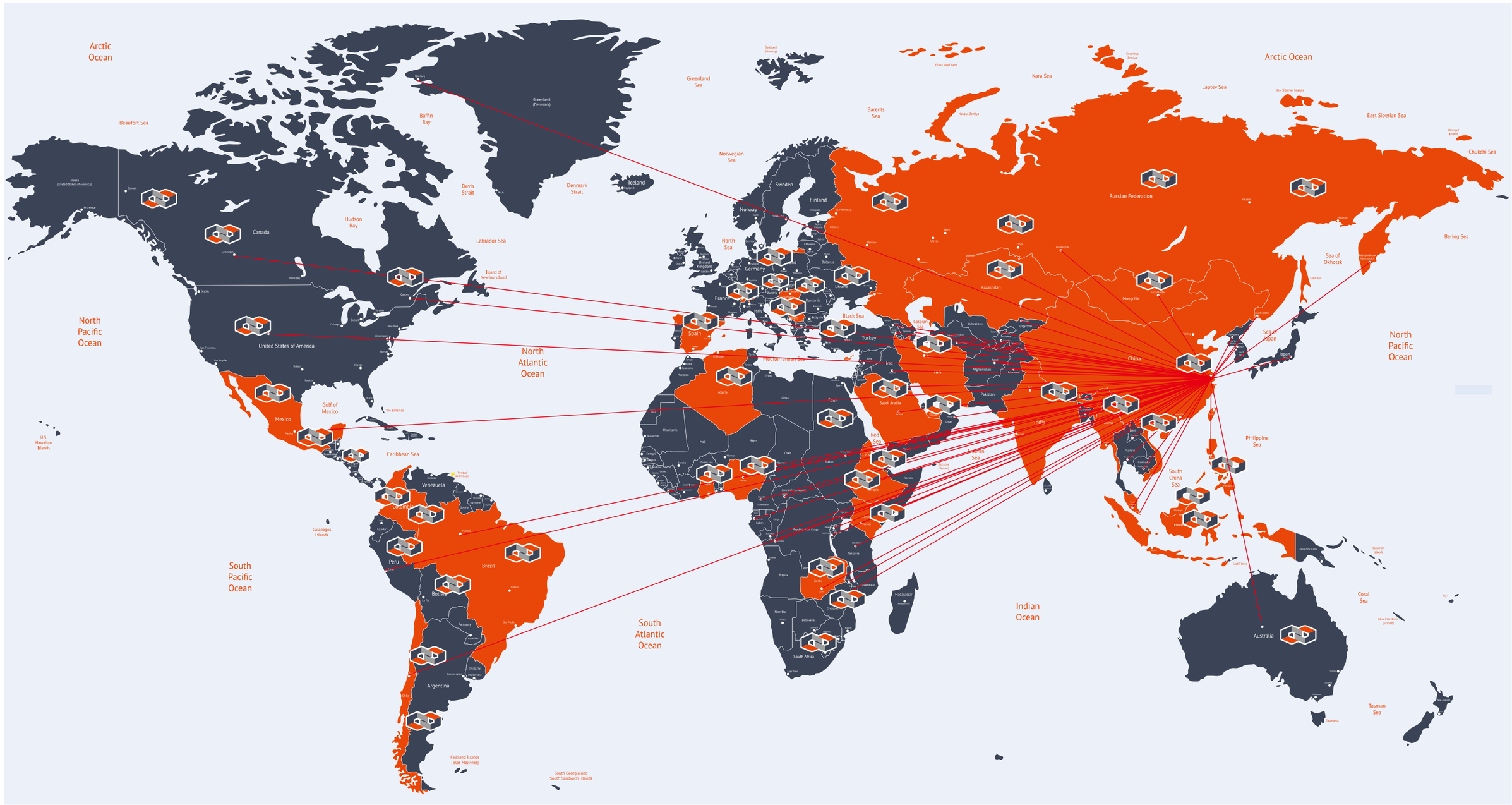
http://www.zenithcrusher.com / 0086-021-58385887

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中英-2026-04-01

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ZENITH IN THE WORLD

西 芝 在 全 球

CRUSH ROCKS BUILD DREAMS

We pursue the ZENITH of technology and quality


华东总部总部
HEADQUARTERS

ABOUT ZENITH

公司介绍

30+180

30多个海外办事处，产品远销全球180多个国家和地区。

Over 30 overseas branches. Products exported to more than 180 countries and regions.

8000+

服务全球8000多家客户公司

Offer services for over 8,000 companies.

1,200,000

120万平全产业链生产基地

Factories occupy 1,200,000m² in total.

上海西芝矿机有限公司是集研发、生产、销售、服务于一体的高新技术企业，业务领域涵盖砂石骨料、矿物破碎、固废处理、绿色矿山、工业粉磨等，为以上领域提供核心破磨筛分装备及整体解决方案。

西芝矿机业务遍及全球180多个国家和地区，并在30多个国家设立了海外分公司或办事处，已为国际8000多家大中型企业成功建设了众多标杆示范性项目。

SHANGHAI ZENITH MINERAL CO.,LTD (hereinafter referred as ZENITH) is the leading mining machinery manufacturer in China. It integrates R&D, production, sales, and services, enabling to offer one-stop scheme to those in aggregates production, mineral processing, solid waste disposal, green mine construction and industrial milling industry.

ZENITH has more than 30 overseas branches. Machines and solutions have been exported to more than 180 countries and regions, successfully helping global giants on establishing benchmarking projects.





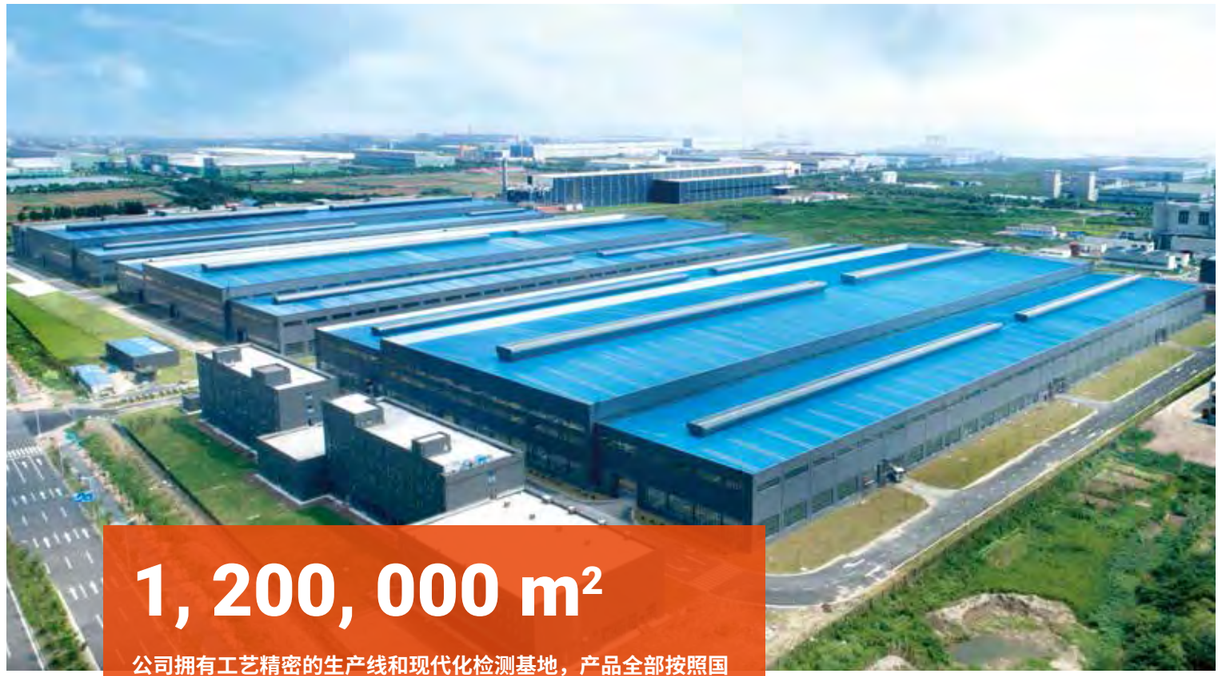
PRODUCTION STRENGTH

生产能力

上海西芝 拥有120余万平方米的生产基地和配套齐全的现代化金属切削设备，配备先进的SOLIDWORKS三维机械设计系统、模拟测试系统，以及工艺精密的生产线和现代化检测基地，所有产品全部按照国际质量认证体系标准进行设计、生产、组装和检验，已顺利通过IS0、CE(欧盟)和GOST(俄罗斯)认证。公司重视人才战略，目前总部96%的员工拥有本科以上学历，研发中心有多名享受国务院特殊津贴的著名专家，并已形成了一支团结互助、开拓进取的研发团队，为企业发展提供着坚强的技术支撑。

ZENITH manufacture bases cover more than 1.2 million square meters and have a complete set of modern metal cutting equipment. It is equipped with advanced SOLIDWORKS 3D mechanical design system, simulation test system, precision production and modern testing bases. All products are designed, produced, assembled and inspected in accordance with the international quality certification system standards, and have successfully passed the IS0, CE (European Union) and GOST (Russia) certification.

ZENITH attaches importance to the talent strategy. At present, 96% of the employees have bachelor's degree or above. The R&D center has many famous experts who enjoy the special allowance from the State Council, and has formed an united, cooperative and pioneering R&D team, providing strong technical support for the development of ZENITH.



1, 200, 000 m²

公司拥有工艺精密的生产线和现代化检测基地，产品全部按照国际质量认证体系标准进行设计、生产、组装和检测。

ZENITH has international first-class production lines and modern test bases, with all products following international quality certification system standards in design, production, assembly, and testing.

矿山高端装备超级“智能工厂”

Giant intelligent factory in mining machinery industry

HONORS

企业荣誉



SITES GALLERY

聚/焦/现/场









SITES GALLERY

聚 / 焦 / 现 / 场











Mission 使命

我们要做诚信博爱的使者，如切如磋，打造品质；如琢如磨，铸就辉煌，与世界和谐共进，让文明之光永远闪耀！

We forge our quality with care and elaboration, mold our resplendence with sincerity and persistence; We, in pursuit of being envoy of honesty, will progress with the world in harmony and sparkle the light of civilization all the way!

Goal 目标

追求卓越品质、追求客户的满意，是全体"西芝人"的至高目标，公司坚持诚信的态度、务实的作风和共赢的目的，愿与广大客户携手共创新的辉煌。

Being innovative and perfect is our incessant pursuit. We will continuously create better products and services, and always bring more value for our customers.

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CRUSH ROCKS
BUILD DREAMS

HGT Series
Gyratory Crusher
旋回式破碎机



1 介绍
Introduction

HGT系列旋回式破碎机集机械、液压、电气、自动化和智能控制等技术于一体，对标国际先进的旋回式破碎机，是一款大产能、高效率及智能化的新型粗碎设备，与传统旋回式破碎机相比，破碎效率高、使用成本低、维护调整方便，可以给用户提供更高效智能的超大产能粗碎解决方案。

HGT series gyratory crusher integrates mechanical, hydraulic, electrical, automatic and intelligent control technologies. It is the most advanced rotary crusher in the world and a new type of crusher with large production capacity, high efficiency and intelligence. Compared with the traditional gyratory crusher, the crushing efficiency is higher, the cost is lower, the maintenance and adjustment is more convenient, and the super large capacity crusher can provide the clients with more efficient and intelligent solution.

2 产品优势
Product Advantages

- **大产能低成本破碎**
- **可连续高强度工作**
- **操作维护更简单**
- **高效智能化生产过程**

- Larger capacity with lower cost
- Working continuously with high load
- Simpler maintenance
- High efficiency and smart production process

3 工作原理
Working Principle

旋回式破碎机主要由横梁部、上中下机架部、动锥部、偏心套部、传动部和液压缸部等组成，由电动机带动水平轴旋转，水平轴通过齿轮带动偏心套旋转，再由偏心套带动动锥部做圆周摆动，从而实现连续的挤压破碎石块。

通过调整处于动锥底部的液压缸可以使动锥上下运动从而方便的调整排矿口的大小，方便地调整产品粒度大小。同时液压缸也提供过铁保护功能，当有不能破碎的物体（如铁块）进入破碎腔时，液压缸能自动使动锥下落，从而释放铁块，继续破碎，保护破碎机。

The gyratory crusher is mainly composed of the cross beam, the upper middle and lower frame, the moving cone, the eccentric sleeve, the transmission and the hydraulic cylinder, etc. The horizontal shaft is driven by the motor to rotate, and the horizontal shaft drives the eccentric sleeve to rotate by the gear. Then the eccentric sleeve drives the moving cone to make the circumference swing, thus realizing the continuous extruding and crushing stones.

By adjusting the hydraulic cylinder at the bottom of the moving cone, the moving cone can move up and down so that the size of discharge opening and the product is adjusted conveniently. At the same time, the hydraulic cylinder also provides the function of tramp release. When an unbreakable object (such as iron block) enters the crushing cavity, the hydraulic cylinder can automatically make the moving cone move down, thus releasing the iron block, continuing the crushing, and protecting the crusher.



4 结构组成
Main Structure

1.球帽 Spider Cap

2.臂架护板 Spider Arm Shield

3.横梁 Spider

4. 横梁衬套 Spider Bushing

5.锁紧螺母 Locknut

6.上机架 Upper Frame

7.中机架 Mid Frame

8.下机架 Lower Frame

9.主轴 Main Shaft

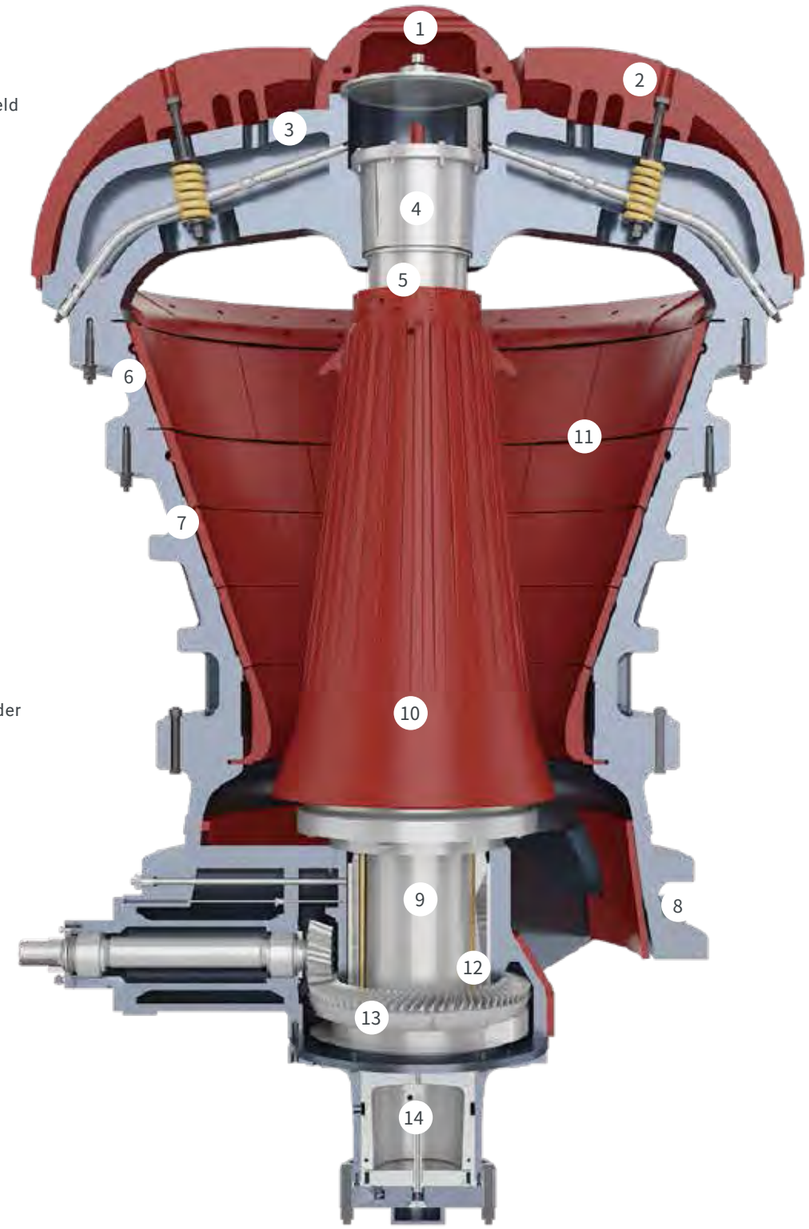
10.破碎壁 Mantle

11.定锥衬板 Concave

12. 偏心套 Eccentric Bush

13.大齿轮 Big Gear

14.液压缸 Hydraulic Cylinder



5 规格与性能参数表
Specifications

型号	进料口尺寸	最大进料粒度	动锥直径	转速	出料口调整范围	处理能力	电机功率	外形尺寸
Model	Feed opening	Maximum feeding size	Dia. of cone	Speed	Range of discharge opening	Capacity	Power	Overall dimension
HGT Series	(mm)(inch)	(mm) (inch)	(mm) (inch)	(rpm)	(mm) (inch)	(mtph)(stph)	(kw) (hp)	(mm)
HGT4265	1065 (42 5/8")	900 (36")	1650 (65")	600	140-175 (5"-7")	2015-2875 (2217-3163)	450 (600)	3940×4170×6900
HGT5065	1270 (50 3/4")	1050 (42")	1650 (65")	600	150-175 (6"-7")	2400-2940 (2640-3234)	450 (600)	4460×4430×7610
HGT5475	1370 (54 3/4")	1150 (46")	1905 (75")	600	150-200 (6"-8")	2890-3510 (3179-3839)	600 (800)	4930×4925×8410
HGT6275	1575 (63")	1350 (54")	1905 (75")	600	150-200 (6"-8")	2895-4335 (3185-4769)	600 (800)	5580×5250×9090
HGT6089	1525 (61")	1300 (52")	2260 (89")	600	165-230 (6"-9")	4200-5960 (4620-6391)	750 (1000)	5590×5445×10470
HGT60110	1525 (61")	1300 (52")	2795 (110")	600	175-250 (7"-10")	5540-9985 (6094-9785)	1500 (2000)	6200×5940×11390

处理能力
Capacity (mtph/stph)

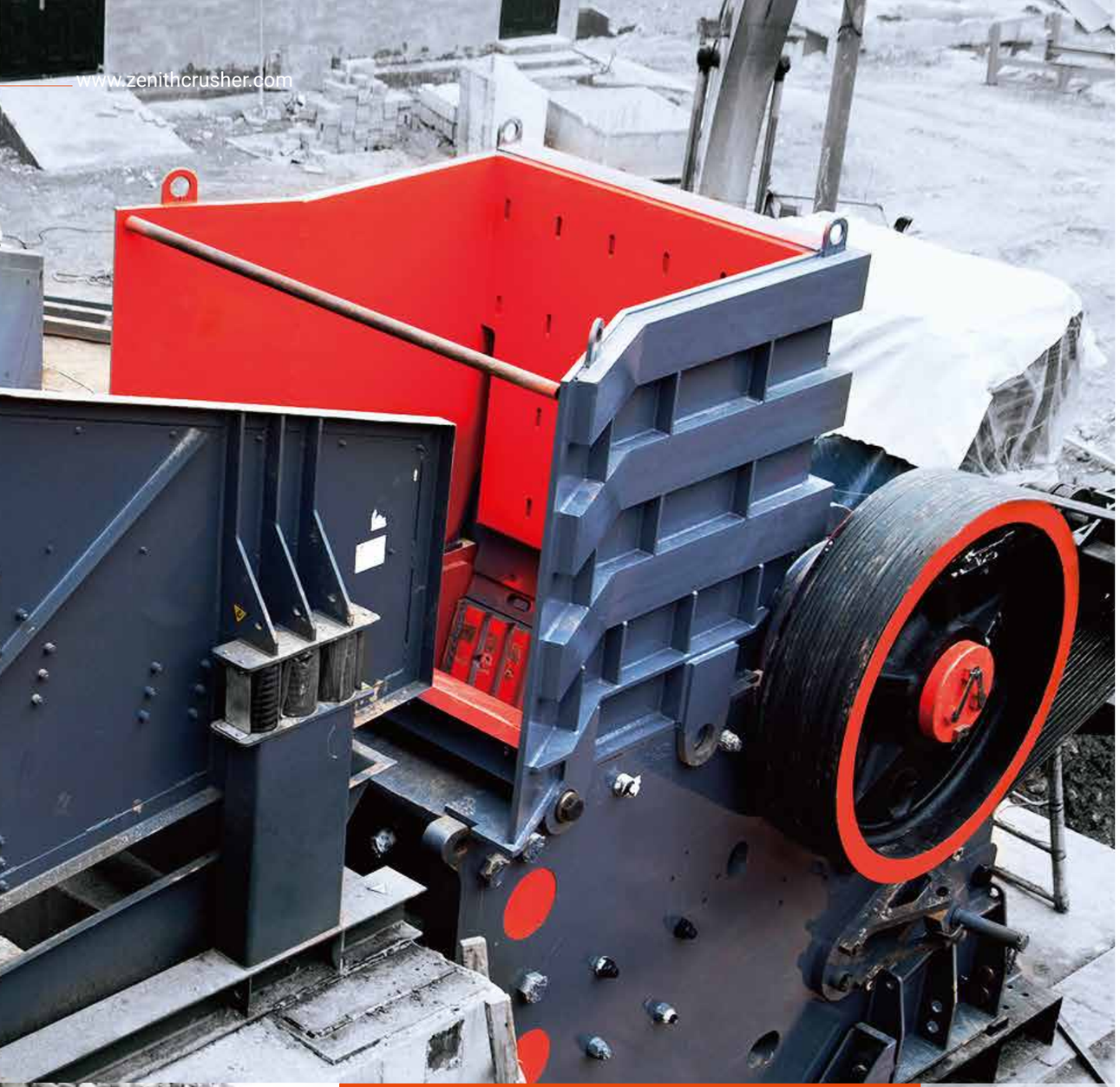
型号	进料口尺寸	松边排料口尺寸(mm)(inch)								
Model	Feed opening (mm) (inch)	Open side setting(OSS)(mm)(inch)								
		140(5 5/8")	150(6")	165(6 5/8")	175(7")	190(7 5/8")	200(8")	215(8 5/8")	230(9 3/16")	240(9 5/8")	250(10")
HGT4265	1065 (42 5/8")	2015 (2217)	2340 (2574)	2520 (2772)	2875 (3163)						
HGT5065	1270 (50 3/4")		2400 (2640)	2785 (3064)	2940 (3234)						
HGT5475	1370 (54 3/4")		2890 (3179)	2990 (3289)	3150 (3465)	3340 (3674)	3510 (3839)				
HGT6275	1575 (63")		2895 (3185)	3620 (3982)	3820 (4202)	4210 (4631)	4335 (4769)				
HGT6089	1525 (61")			4200 (4620)	4545 (5000)	5085 (5594)	5300 (5830)	5535 (6089)	5960 (6391)		
HGT60110	1525 (61")				5540 (6094)	6950 (7645)	7330 (8074)	7585 (8333)	8385 (9114)	8860 (9460)	9985 (9785)

注:以上处理能力针对典型给料曲线,给料100%通过给料口宽度的80%,80%通过给料口宽度的60%,50%通过尺寸为最大给矿块度的10%的痛孔。

以上数据针对常规软/中硬物料、松散密度为1.6t/m³,瞬时取样的测量结果,数据仅供参考;设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关,不同应用工况会存在差异,具体应用请与我司技术中心联系。

Note: The above data are for common materials. 100% of the feed passes through 80% of the width of the feed opening, 80% passes through 60% of the width of the feed opening, and 50% passes through 10% of the mesh size of the maximum ore block size.

The above data are for materials with density of 1.6t/m³ and for reference only. The capacity is related to material characteristics, feed particle size and distribution, work index, water content and feeding method. There will be differences in different application conditions. Please contact our technical center for specific applications.





C6X Series
Jaw Crusher
颚式破碎机

1 介绍
Introduction

为解决市场上现有颚式破碎机生产效率低、安装维护困难等问题，上海西芝矿机有限公司在多年的产品研发和数千条生产线工程服务经验基础上，开发出了新一代高能效颚式破碎机---C6X系列颚式破碎机，其设备结构、使用功能和生产效率等各项指标均为高水平，成为目前国内外市场上理想的粗碎设备。

Based on our 30+ years' experience and feedback from thousands of customer sites, ZENITH has developed a new generation of jaw crusher--- C6X Series Jaw Crusher, to solve the problems of traditional jaw crusher, such as, low production efficiency, difficulty carrying out installation and maintenance. With its high level of equipment structure, function and production efficiency, C6X Jaw Crusher has become an ideal choice for coarse crushing equipment both in the word.

当破碎高硬度、强腐性物料时，C6X系列颚式破碎机仍然可以十分高效出色的完成任务。其设备结构、制造工艺及材料选择决定了其机身的高强度、应用的广泛性，不仅可以用于坚硬的岩石和矿石的粗碎作业，还可以在地面和井下苛刻的生产环境下连续生产，提高客户的生产效能。

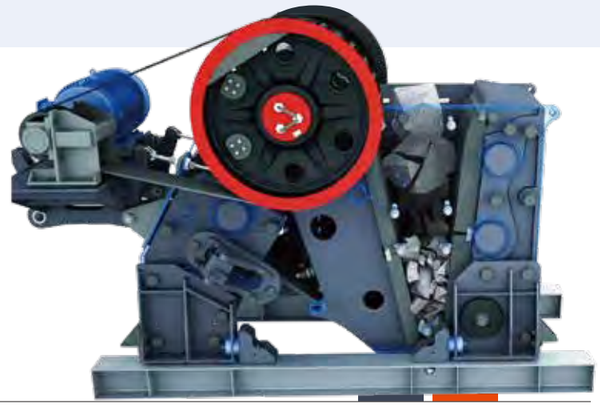
When crushing materials with high hardness and strong corrosion, C6X series jaw crusher still can complete the task efficiently and excellently. The equipment structure, manufacturing process and material selection has determined the bodywork of high strength and its universality application, so the equipment can not only be applicable to coarse crushing of the hardest rocks and ores, but also can manage continuous production in the most stringent production environment underground to improve customers' production efficiency.

2 产品优势
Product Advantages

- 可拆分机架 强度更高
- 高效腔型 破碎效率高
- 一体化设计 节约安装空间
- 弹性减震固定 降低设备冲击力
- 固定式或移动式作业灵活切换

- Detachable frame, higher strength.
- Optimized cavity, higher crushing efficiency.
- Integrated design, saving installation space.
- Elastic rubber damper, decreasing the equipment load to the foundation.
- Flexible switching between fixed and mobile operations.





3 结构组成
Main Structure

1、飞轮
Flywheel

2、上边护板
Upper Lining Plate

3、动颚
Movable Jaw Assembly

4、活动颚板
Movable Jaw Plate

5、固定颚板
Fixed Jaw Plate

6、机架
Frame

7、下边护板
Lower Lining Plate

8、偏心轴
Eccentric Shaft

9、电机
Motor

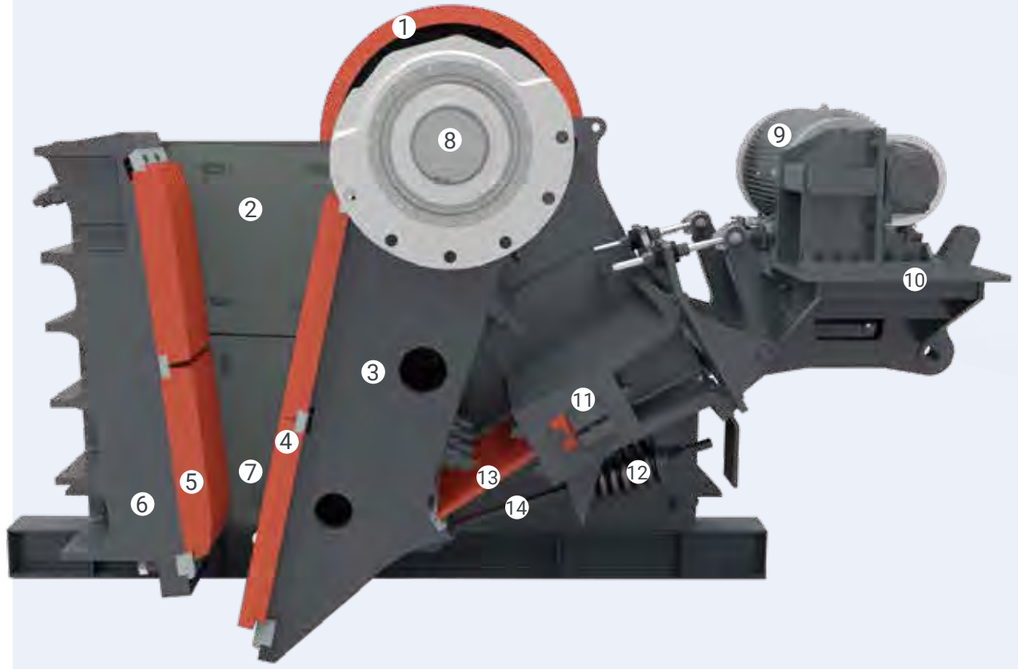
10、电机座
Motor Bracket

11、调整座
Adjusting Device

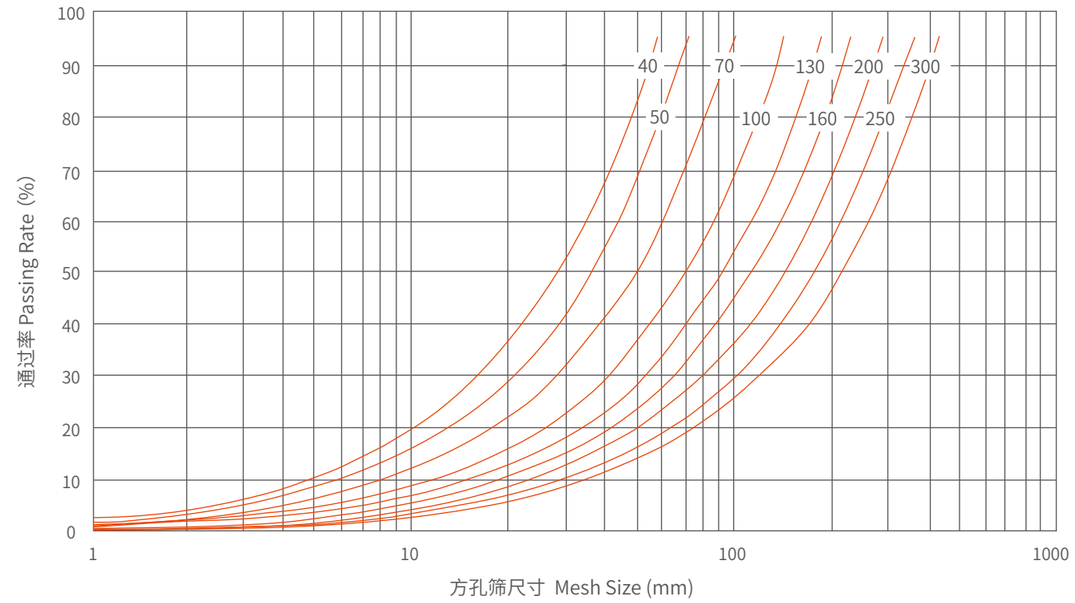
12、弹簧
Spring

13、肘板
Toggle Plate

14、拉杆
Tension Rod



C6X粒度曲线
Indicative Gradation Curves(t/h)



处理能力
Capacity (mtph/stph)

型号	排料口尺寸 Closed Side Setting(CSS)(mm)(inch)												
Model	60 (2 3/8")	70 (2 3/4")	80 (3 3/16")	90 (3 5/8")	100 (4")	125 (5")	150 (6")	175 (7")	200 (8")	225 (9")	250 (10")	275 (11")	300 (12")
C6X80	80-110 (88-121)	100-135 (110-149)	110-150 (121-165)	130-175 (143-193)	145-190 (160-209)	180-245 (198-270)	225-290 (248-319)						
C6X100		130-180 (143-198)	150-200 (165-220)	170-220 (187-242)	190-250 (209-275)	235-310 (259-341)	280-360 (308-396)	330-420 (363-462)					
C6X110			160-240 (176-264)	180-260 (198-286)	200-280 (220-308)	250-360 (275-396)	300-430 (330-473)	340-490 (373-539)	380-550 (418-605				
C6X125					230-340 (253-373)	280-410 (308-451)	340-480 (373-528)	370-550 (407-605)	420-620 (462-682	470-690 (517-759)	520-760 (572-836)		
C6X145						320-470 (352-517)	375-550 (413-605)	430-630 (474-693)	480-710 (528-781	540-790 (594-869)	600-870 (660-957)	660-950 (726-1045)	
C6X160							410-610 (451-671)	470-700 (517-770)	530-790 (583-869	590-880 (649-968)	650-970 (715-1067)	710-1060 (781-1166)	780-1150 (858-1265)
C6X180							490-710 (539-781)	550-810 (605-891)	620-920 (682-1012	690-1020 (759-1122)	760-1130 (836-1243)	810-1230 (891-1353)	870-1300 (957-1430)
C6X200								610-890 (671-979)	690-1000 (759-1100	770-1110 (847-1221)	850-1220 (935-1342)	930-1350 (1023-1485)	1010-1510 (1111-1661)

注：以上数据针对常规软/中硬物料、松散密度为1.6t/m³，瞬时取样的测量结果，数据仅供参考；设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关，不同应用工况会存在差异，具体应用请与我司技术中心联系。

Note:The above data are for materials with density of 1.6t/m³ and for reference only. The capacity is related to material characteristics, feed particle size and distribution, work index, water content and feeding method. There will be differences in different application conditions. Please contact our technical center for specific applications.





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Jaw Crusher
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1 介绍
Introduction

结合公司多年的技术沉淀以及客户现场反馈，融合国内外的成熟先进技术经验，上海西芝矿机有限公司推出了新型C5X系列颚破。本系列颚破具有更佳的运动特性及破碎腔型，具有更大冲程和更高转速，使得破碎效率更高，整机具备更优的可靠性。

Combining years of technological accumulations and customer on-site feedback, as well as mature and advanced technical experience domestically and abroad, ZENITH has launched the new C5X Jaw Crusher. It boasts enhanced motion characteristics and a redesigned crushing chamber, accompanied by larger strokes and higher speed. These improvements collectively elevate crushing efficiency and ensure heightened reliability.

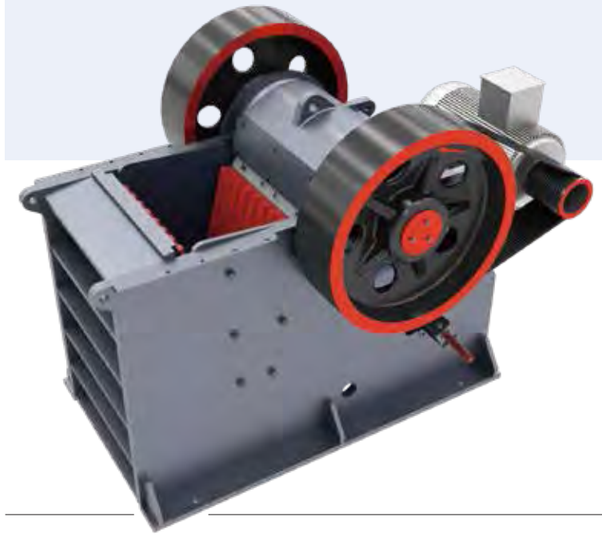
该破碎机主要用于冶金、矿山、化工、水泥、建筑、耐火材料及陶瓷等工业部门，是粗碎和中碎各种中等硬度矿石和岩石的理想设备。

C5X Jaw Crusher finds primary application across diverse industrial sectors including metallurgy, mining, chemical industry, cement, construction, refractory materials, and ceramics. It serves as an ideal machine for coarse and medium crushing of various medium-hard ores and rocks.

2 产品优势
Product Advantages

- 高效率腔型 破碎能力更强
- 整体结构机架 可靠性更高
- 双楔块调整 更简单高效
- 一体化电机架 节省安装空间
- 振动更低 运行更平稳
- 整体式轴承座 轴承寿命更长

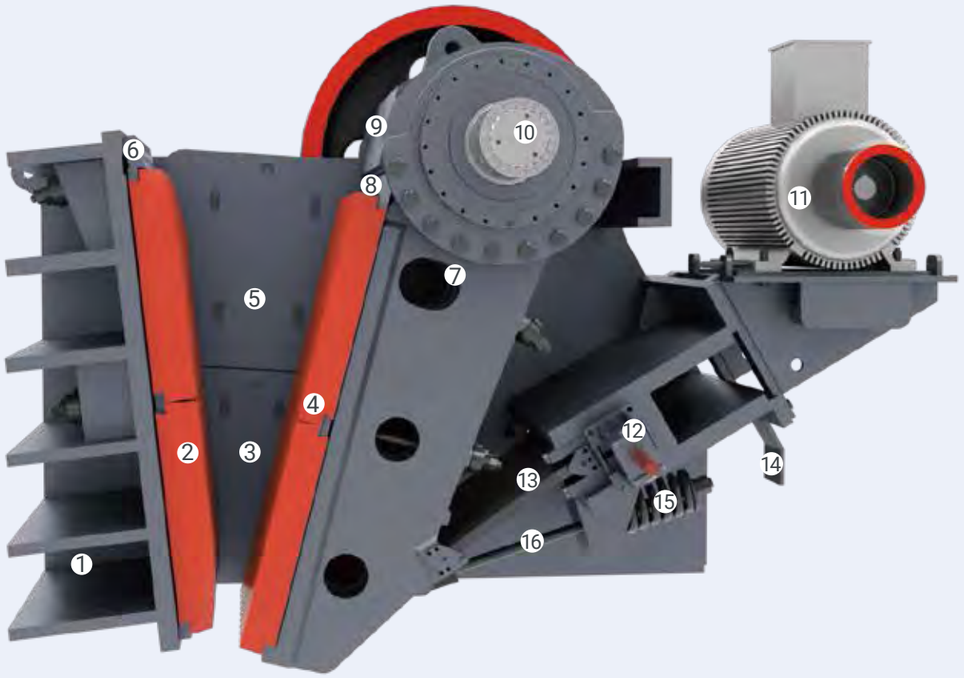
- Scientific cavity for higher crushing efficiency
- More reliable integrated frame
- Double-wedge adjustment for simper and efficient operation
- Integrated motor base occupying smaller space
- Lower vibration for more stable operation
- Integrated bearing seat, longer service life



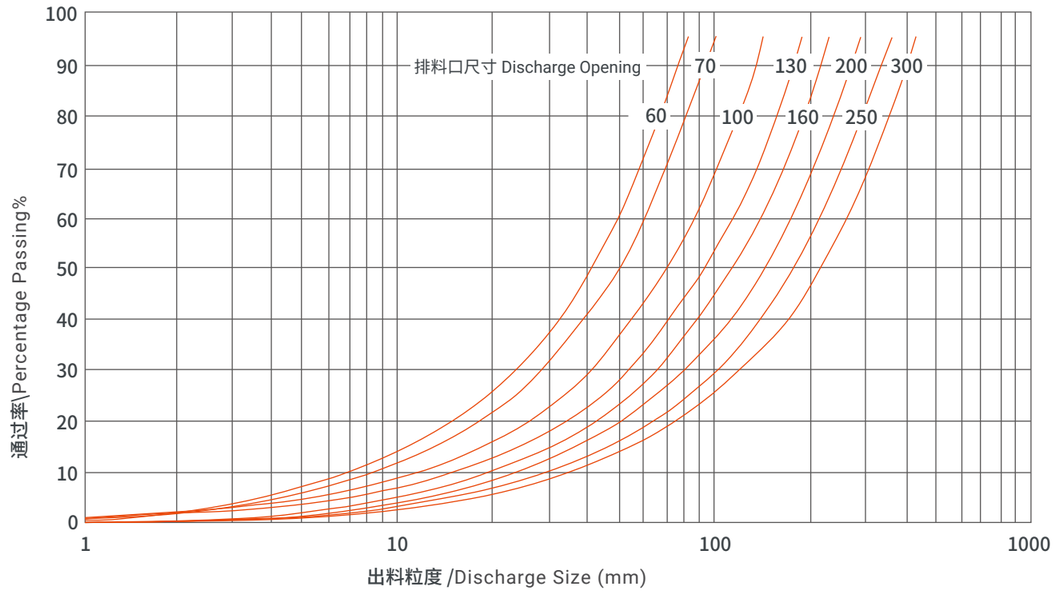


3 结构组成
Main Structure

1. **机架体** Frame
2. **定颚板** Fixed Jaw Plate
3. **下边护板** Lower Lining Plate
4. **动颚板** Movable Jaw Plate
5. **上边护板** Upper Lining Plate
6. **定板压铁** Balancing Weight of Fixed Jaw Plate
7. **动颚体** Movable Jaw
8. **动板压铁** Balancing Weight of Movable Jaw Plate
9. **动颚护板** Guard of Movable Jaw
10. **偏心轴** Eccentric Shaft
11. **传动电机部** Drive Motor
12. **双楔块调整组件** Double-wedge Adjusting Device
13. **肘板** Toggle Plate
14. **安全护板** Safe Guard
15. **弹簧** Spring
16. **弹簧拉杆部件** Spring Rod



C5X粒度曲线
Indicative Gradation Curves(t/h)



处理能力
Capacity (mtph/stph)

型号	排料口尺寸(mm)(inch) Dimension of discharge opening (mm)(inch)										
Model	60(2 3/8")	70(2 3/4")	80(3 3/16")	90(3 5/8")	100(4")	125(5")	150(6")	175(7")	200(8")	225(9")	250(10")	275(11")
C5X520×800	70-110 (77-121)	90-130 (99-143)	100-150 (110-165)	120-175 (132-193)	135-190 (149-209)	170-240 (187-264)	210-290 (231-319)					
C5X580×950	100-140 (110-154)	120-160 (132-176)	130-180 (143-198)	150-210 (165-231)	170-240 (187-264)	210-300 (231-330)	250-340 (275-374)					
C5X760×1000		130-180 (143-198)	140-200 (154-220)	160-220 (176-242)	190-250 (209-275)	230-310 (253-341)	270-360 (297-396)	320-420 (352-462)				
C5X850×1100			150-240 (165-264)	170-260 (187-286)	200-280 (220-308)	240-360 (264-396)	300-430 (330-473)	340-490 (374-539)	370-550 (407-605)			
C5X950×1250					230-340 (253-374)	270-410 (297-451)	330-480 (363-528)	370-550 (407-605)	410-620 (451-682)	460-690 (506-759)		
C5X1100×1450						310-470 (341-517)	370-550 (407-605)	420-630 (462-693)	470-710 (517-781)	520-790 (572-869)	600-870 (660-957)	
C5X1200×1600							410-610 (451-671)	460-700 (506-770)	520-790 (572-869)	580-880 (638-968)	640-970 (704-1067)	700-1060 (770-1166)

注：以上数据针对常规软/中硬物料、松散密度为1.6t/m³，瞬时取样的测量结果，数据仅供参考；设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关，不同应用工况会存在差异，具体应用请与我司技术中心联系。

Note:The above data are for materials with density of 1.6t/m³ and for reference only. The capacity is related to material characteristics, feed particle size and distribution, work index, water content and feeding method. There will be differences in different application conditions. Please contact our technical center for specific applications.

4 规格与性能参数表 Specifications

型号	进料口尺寸		最大进料粒度		出料口调整范围		处理能力		偏心轴转速	电机功率		外形尺寸
Model	Feed opening		Maximum feeding size		Range of discharge opening		Capacity		Speed of eccentric shaft	Power		Overall dimension
C6X Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
C6X80	800x520	32"×21"	420	17"	60-150	2"-6"	80-290	88-319	350	75	100	2650×1540×1780
C6X100	1000×760	40"×30"	630	25"	70-175	3"-7"	130-420	143-462	260	110	150	3700×2440×2520
C6X110	1100×850	44"×34"	720	29"	80-200	3"-8"	160-550	176-605	230	160	200	3800×2450×2550
C6X125	1250×950	50"×38"	800	32"	100-250	4"-10"	230-760	253-836	220	160	200	4100×2750×2780
C6X145	1450×1100	58"×44"	920	37"	125-275	5"-11"	320-950	352-1045	220	200	300	4400×3060×3210
C6X160	1600×1200	64"×48"	1020	41"	150-300	6"-12"	410-1150	451-1265	220	250	350	5700×3650×3550
C6X180	1800×1200	72"×48"	1020	41"	150-300	6"-12"	490-1300	539-1430	220	315	450	5850×4150×3600
C6X200	2000×1500	80"×60"	1200	48"	175-300	7"-12"	610-1510	671-1661	200	400	500	6500×3990×4260
C5X Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
C5X520×800 (C5X80)	800x520	32"×21"	420	17"	60-150	2"-6"	70-290	77-319	350	75	100	2450×1420×1720
C5X580×950 (C5X95)	950x580	38"×23"	500	20"	60-150	2"-6"	100-340	110-374	330	90	125	2530×1760×1860
C5X760×1000 (C5X100)	1000×760	40"×30"	630	25"	70-175	3"-7"	130-420	143-462	260	110	150	3520×1960×2450
C5X850×1100 (C5X110)	1100×850	44"×34"	720	29"	80-200	3"-8"	150-550	165-605	230	132	175	3570×2420×2550
C5X950×1250 (C5X125)	1250×950	50"×38"	800	32"	100-225	4"-10"	230-690	253-759	220	160	200	3920×2820×2760
C5X1100×1450 (C5X145)	1450×1100	58"×44"	920	37"	125-250	5"-11"	310-870	341-957	220	200	300	4400×3120×3200
C5X1200×1600 (C5X160)	1600×1200	64"×48"	1020	41"	150-275	6"-11"	410-1060	451-1166	220	250	350	5650×3280×3620
PEW Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
PEW250×1000	1000×250	40"×10"	220	9"	20-40	1"-2"	15-50	17-55	330	30	40	1400×1850×1310
PEW250×1200	1200×250	48"×10"	220	9"	20-40	1"-2"	20-50	22-55	330	37	50	1400×2050×1310
PEW400×600	600×400	24"×16"	350	14"	35-85	1"-3"	15-70	17-77	250	37	50	1920×1460×1840
PEW760	1100×760	44"×30"	640	26"	75-200	3"-8"	150-350	165-385	270	110	150	2600×2500×2200
PEW860	1100×860	44"×34"	720	29"	100-225	4"-9"	200-500	220-550	240	132	175	3300×2320×3120
PE Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
PE500×750	750×500	30"×20"	425	17"	50-100	2"-4"	45-100	50-110	275	55	75	1890×1916×1870
PE600×900	900×600	36"×24"	500	20"	65-160	3"-6"	90-180	99-198	250	75	100	2520×1840×2303
PE750×1060	1060×750	42"×30"	630	25"	80-140	3"-6"	130-260	143-286	250	110	150	2620×2302×3110
PE900×1200	1200×900	48"×36"	750	30"	95-200	4"-8"	220-380	242-418	200	132	180	3789×2826×3025
PE1000×1200	1200×1000	48"×40"	850	34"	195-265	8"-11"	280-500	308-550	200	132	180	3889×2826×3025
PE1200×1500	1500×1200	60"×48"	1020	41"	150-300	6"-12"	460-900	506-990	190	200	300	4930×3150×3700


C6X Series

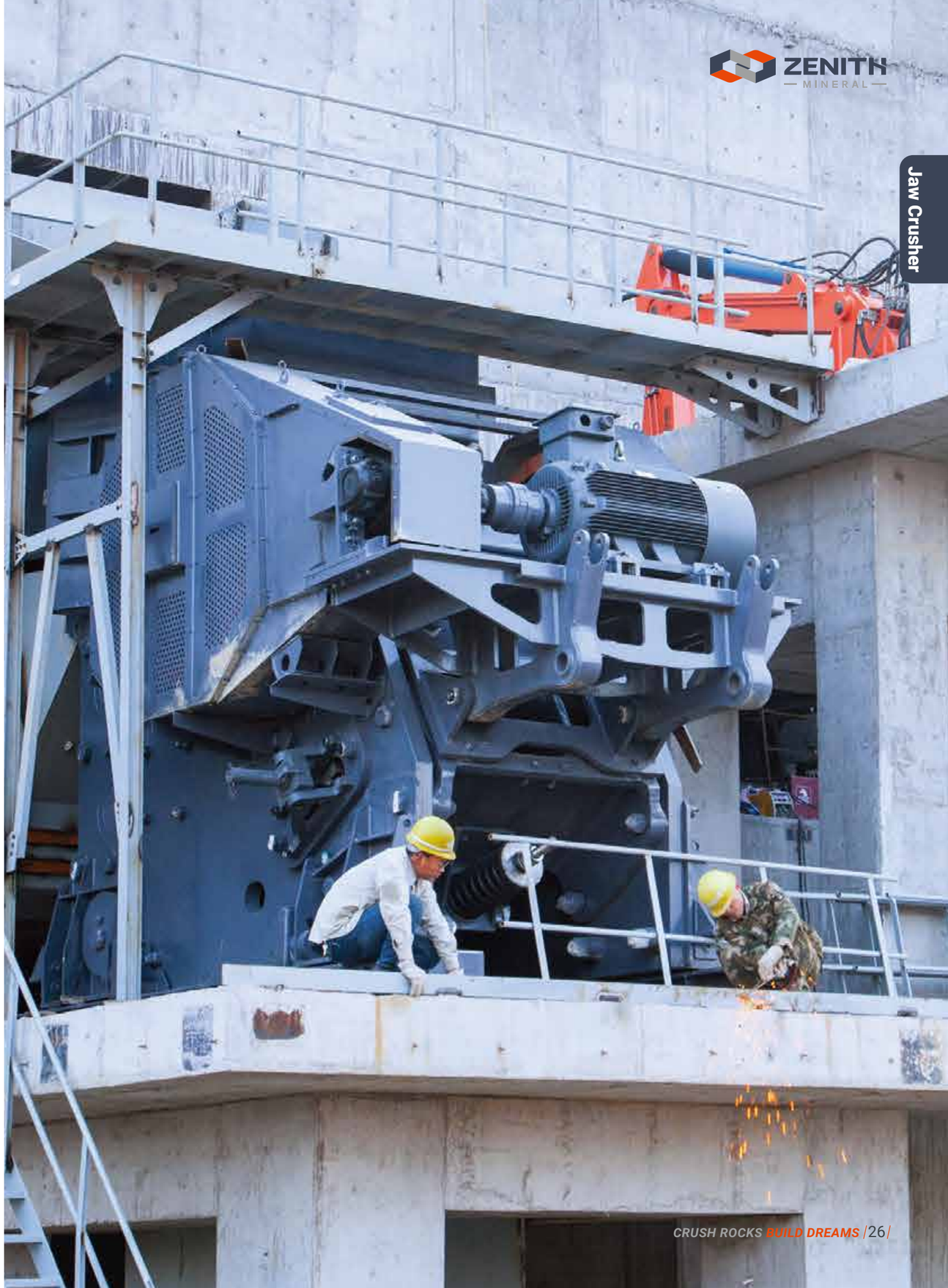

C5X Series


PEW Series


PE Series

备注:产量为按中等硬度物料测定的概略通过量，由于给料、粒级、岩石类型和物料含水量的差异，实际结果会有所不同。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.







CI5X Series
Impact Crusher
反击式破碎机

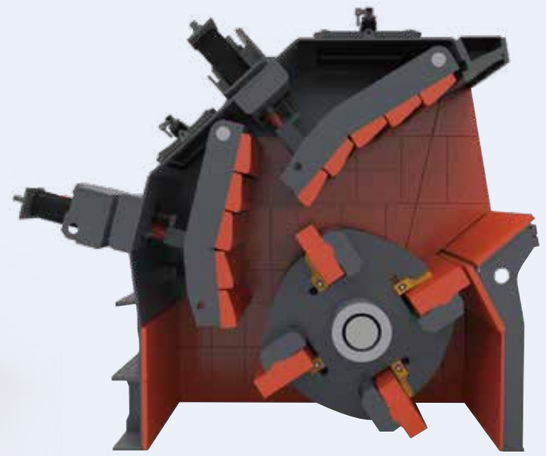
1 介绍
Introduction

为了满足用户对高收益、低成本和节能降耗的需求，针对传统破碎设备操作繁琐、效率低等问题，上海西芝矿机有限公司根据全球180多个国家的实地工程经验和用户反馈，结合先进研发成果开发出新一代高效粗、中细碎破碎机---CI5X系列反击式破碎机，是传统设备的理想升级换代产品。

In terms of complex operation procedures and low efficiency of the traditional crushing equipment, ZENITH collects the feedback from users and onsite experience in more than 180 countries and then develops the new generation of high efficiency coarse and medium-fine crushing equipment - CI5X series impact crushers. CI5X series impact crushers are ideal upgrade of conventional crushing equipment to satisfy users' requirements for high profits, low costs, and energy saving.

2 产品优势
Product Advantages





新型科研成果整合应用

- 多功能全液压操作系统
- 大转动惯量高精度重型转子
- 渐开线型高效破碎腔

高标准的原材料确保设备高强度

人机工程设计理论降低使用成本

- 整体式轴承座设计降低损坏风险
- 油脂润滑
- 液压调整装置方便快捷

粗碎和中细碎多种机型选择

Integrated application of latest scientific research achievements

- Fully hydraulic system with multi function
- Heavy duty rotor with great rotation inertia
- High efficiency crushing chamber with involute shape

High standard raw materials ensuring high strength of equipment

Ergonomics design theory reducing operation cost

- Integral bearing block design reducing risk of damage
- Grease lubrication
- Quick and convenient hydraulic adjustment device

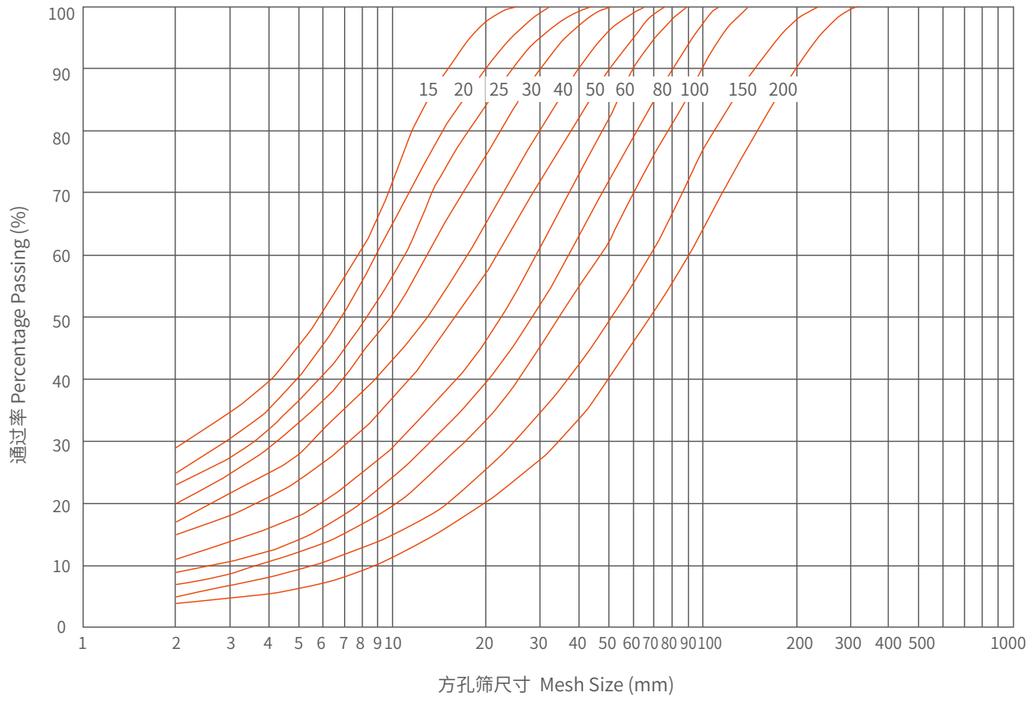
Applicable for various coarse and medium-fine crushing models

3 结构组成
Main Structure

1. **机架衬板**
   Lining Plate
2. **下机架**
   Lower Frame
3. **主轴轮**
   Main Shaft Pulley
4. **转子**
   Rotor
5. **板锤**
   Hammer Bar
6. **反击衬板**
   Impact Plate
7. **反击架**
   Impact Rack
8. **上机架**
   Upper Frame
9. **液压调整装置**
   Hydraulic Adjusting Device
10. **液压启顶装置**
    Hydraulic Jacking Device



CI5X粒度曲线 Indicative Gradation Curves(t/h)



CI5X系列处理能力 Capacity (mtph/stph)

粗碎处理能力(mtph/stph) Capacity for coarse crushing(mtph/stph)

型号 Model	产品出料规格 Discharging size (mm)(inch)								
	最大入料 Max feeding size		推荐入料 Proposed feeding size		75 (3'')	100 (4'')	150 (6'')	200 (8'')	250 (10'')	300 (12'')
	(mm)	(inch)	(mm)	(inch)						
CI5X1313	800	32"	≤600	≤24"	280 (308)	300-330 (330-363)	365-395 (402-435)	425-460 (468-506)	465-495 (512-545)	520 (572)
CI5X1415	900	36"	≤700	≤28"	340 (374)	370-395 (407-435)	445-475 (490-523)	520-560 (572-616)	565-600 (622-660)	650 (715)
CI5X1620	1100	44"	≤800	≤32"	500 (550)	540-580 (594-638)	700-750 (770-825)	850-910 (935-1001)	920-980 (1012-1078)	1050 (1155)
CI5X2023	1300	52"	≤1000	≤40"	1000 (1100)	1050-1200 (1155-1320)	1400-1550 (1540-1705)	1700-1850 (1870-2035)	1850-2000 (2035-2200)	2100 (2310)

中细碎处理能力(mtph/stph) Capacity for medium-fine crushing(mtph/stph)

型号 Model	产品出料规格 Discharging size (mm)									
	最大入料(mm) Max feeding size		推荐入料(mm) Proposed feeding size		20	25	32	40	50	60
	(mm)	(inch)	(mm)	(inch)						
粗碎为反击破/锤破 Primary crusher: Impact crusher/Hammer crusher										
CI5X1110	500	20"	≤150	≤6"	130 (143)	145-165 (160-182)	180-205 (198-226)	205-235 (226-259)	230-250 (253-275)	260 (286)
CI5X1213	550	22"	≤200	≤8"	180 (198)	190-220 (209-242)	240-270 (264-297)	270-310 (297-341)	305-335 (336-369)	350 (385)
CI5X1315	600	24"	≤200	≤8"	230 (253)	240-270 (264-297)	300-340 (330-374)	345-385 (380-424)	390-430 (429-473)	450 (495)
CI5X1415E	400	16"	≤200	≤8"	270 (297)	280-320 (308-352)	340-395 (374-435)	390-460 (429-506)	470-530 (517-583)	550 (605)
CI5X1520	400	16"	≤200	≤8"	410 (451)	430-480 (473-528)	535-605 (589-666)	610-680 (671-748)	690-760 (759-836)	780 (858)
CI5X1524	400	16"	≤200	≤8"	520 (572)	530-600 (583-660)	660-740 (726-814)	750-840 (825-924)	850-940 (935-1034)	960 (1056)
CI5X1630	400	16"	≤200	≤8"	630 (693)	690-770 (759-847)	850-950 (935-1045)	960-1060 (1056-1166)	1080-1200 (1188-1320)	1250 (1375)
CI5X1830	400	16"	≤200	≤8"	690 (759)	760-840 (836-924)	930-1040 (1023-1144)	1050-1160 (1155-1276)	1180-1300 (1298-1430)	1350 (1485)
粗碎为颚破/旋回破 Primary crusher: Jaw crusher/Gyratory Crusher										
CI5X1110	500	20"	≤250	≤10"	110 (121)	120-135 (132-149)	130-150 (143-165)	145-165 (160-180)	165-185 (182-204)	190 (209)
CI5X1213	550	22"	≤300	≤12"	145 (160)	155-180 (171-198)	175-200 (193-220)	195-225 (215-248)	220-240 (242-264)	250 (275)
CI5X1315	600	24"	≤300	≤12"	200 (220)	225-255 (248-281)	250-280 (275-308)	275-310 (303-341)	305-340 (336-374)	350 (385)
CI5X1415E	400	16"	≤350	≤14"	230 (253)	240-285 (264-314)	275-330 (303-363)	320-385 (352-424)	380-440 (418-484)	450 (495)
CI5X1520	400	16"	≤350	≤14"	335 (369)	370-415 (407-457)	410-460 (451-506)	450-510 (495-561)	520-580 (572-638)	600 (660)
CI5X1524	400	16"	≤350	≤14"	410 (451)	450-510 (495-561)	500-560 (550-616)	550-620 (605-682)	660-740 (726-814)	760 (836)
CI5X1630	400	16"	≤350	≤14"	540 (594)	580-670 (638-737)	660-750 (726-825)	730-830 (803-913)	880-980 (968-1078)	1000 (1100)
CI5X1830	400	16"	≤350	≤14"	590 (649)	630-730 (583-803)	720-820 (792-902)	800-910 (880-1001)	960-1050 (946-1155)	1100 (1210)

注:以上数据针对常规软物料如石灰石、典型爆破给料曲线、松散密度为1.6t/m³, 瞬时取样的测量结果, 数据仅供参考;设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关, 不同应用工况会存在差异, 具体应用请与我司技术中心联系。

Note:The above data are for materials with density of 1.6t/m³ and for reference only. The capacity is related to material characteristics, feed particle size and distribution, work index, water content and feeding method. There will be differences in different application conditions. Please contact our technical center for specific applications.

4 规格与性能参数表

Specifications

型号	转子规格		进料口尺寸		最大进料粒度		处理能力		功率		外形尺寸
Model	Rotor spec.		Feed opening		Max feeding size (proposed)		Capacity		Power		Overall dimension
CI5X Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)	(hp)	(mm)
CI5X1110	Φ1100×1000	Φ44×40"	1020×820	41×33"	500(≤250)	20"(≤10")	110-260	121-286	160-200	200-250	2626×2106×1945
CI5X1213	Φ1200×1300	Φ48×52"	1320×880	53×35"	550(≤300)	22"(≤12")	145-350	160-385	200-250	300-350	2809×2529×2091
CI5X1315	Φ1300×1500	Φ52×60"	1540×930	62×37"	600(≤300)	24"(≤12")	200-450	220-495	250-315	350-400	2880×2755×2560
CI5X1415E	Φ1400×1500	Φ56×60"	1540×710	62×28"	400(≤350)	16"(≤14")	230-550	253-605	315-355	400-450	3110×2780×2670
CI5X1520	Φ1500×2000	Φ60×80"	2040×995	82×40"	400(≤350)	16"(≤14")	335-780	369-858	400-500	500-700	3390×3520×2790
CI5X1524	Φ1500×2400	Φ60×96"	2516×767	101×31"	400(≤350)	16"(≤14")	410-960	451-1056	560-630	750-800	3419×3955×2825
CI5X1630	Φ1600×2700	Φ64×108"	2740×787	110×31"	400(≤350)	16"(≤14")	540-1250	594-1375	710-800	900-1000	3693×4520×3173
CI5X1830	Φ1800×2700	Φ72×108"	2740×900	110×36"	400(≤350)	16"(≤14")	590-1350	649-1485	900-1000	1200-1300	3930×4670×3465
CI5X1313	Φ1300×1300	Φ52×52"	1320×1225	53×49"	800(≤550)	32"(≤22")	280-520	308-572	200-250	300-350	2963×2560×2611
CI5X1415	Φ1400×1500	Φ56×60"	1540×1320	62×53"	900(≤600)	36"(≤24")	340-650	374-715	250-315	350-400	2995×2790×3090
CI5X1620	Φ1600×2000	Φ64×80"	2040×1630	82×65"	1100(≤700)	44"(≤28")	500-1050	605-1155	400-500	500-700	3485×3605×3720
CI5X2023	Φ2000×2300	Φ80×92"	2310×1990	92×80"	1300(≤800)	52"(≤32")	1000-2100	1100-2310	1000-1260	1300-1650	4890×4330×4765
PFW Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)	(hp)	(mm)
PFW1214III	Φ1150×1400	Φ46×56"	570×1430	23×57"	250	10"	90-170	99-187	132	175	2550×2310×2100
PFW1315III	Φ1300×1500	Φ52×60"	625×1530	25×61"	300	12"	180-270	198-297	200	300	2960×2570×2380
PFW1415III	Φ1400×1500	Φ56×60"	800×1530	32×61"	350	14"	280-350	308-385	250-315	350-400	3120×2650×2660
PF Series	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)	(hp)	(mm)
PF1010	Φ1000×1050	Φ40×42"	400×1080	16×43"	350	14"	50-80	55-88	75	100	2455×2086×2800
PF1210	Φ1250×1050	Φ50×42"	400×1080	16×43"	350	14"	60-120	66-132	110	150	2590×2050×2810
PF1214	Φ1250×1400	Φ50×56"	400×1430	16×57"	350	14"	80-160	88-176	132	175	2590×2400×2810
PF1315	Φ1300×1500	Φ52×60"	860×1520	34×61"	350	14"	120-260	132-286	200	300	2930×2760×3050



CI5X Series



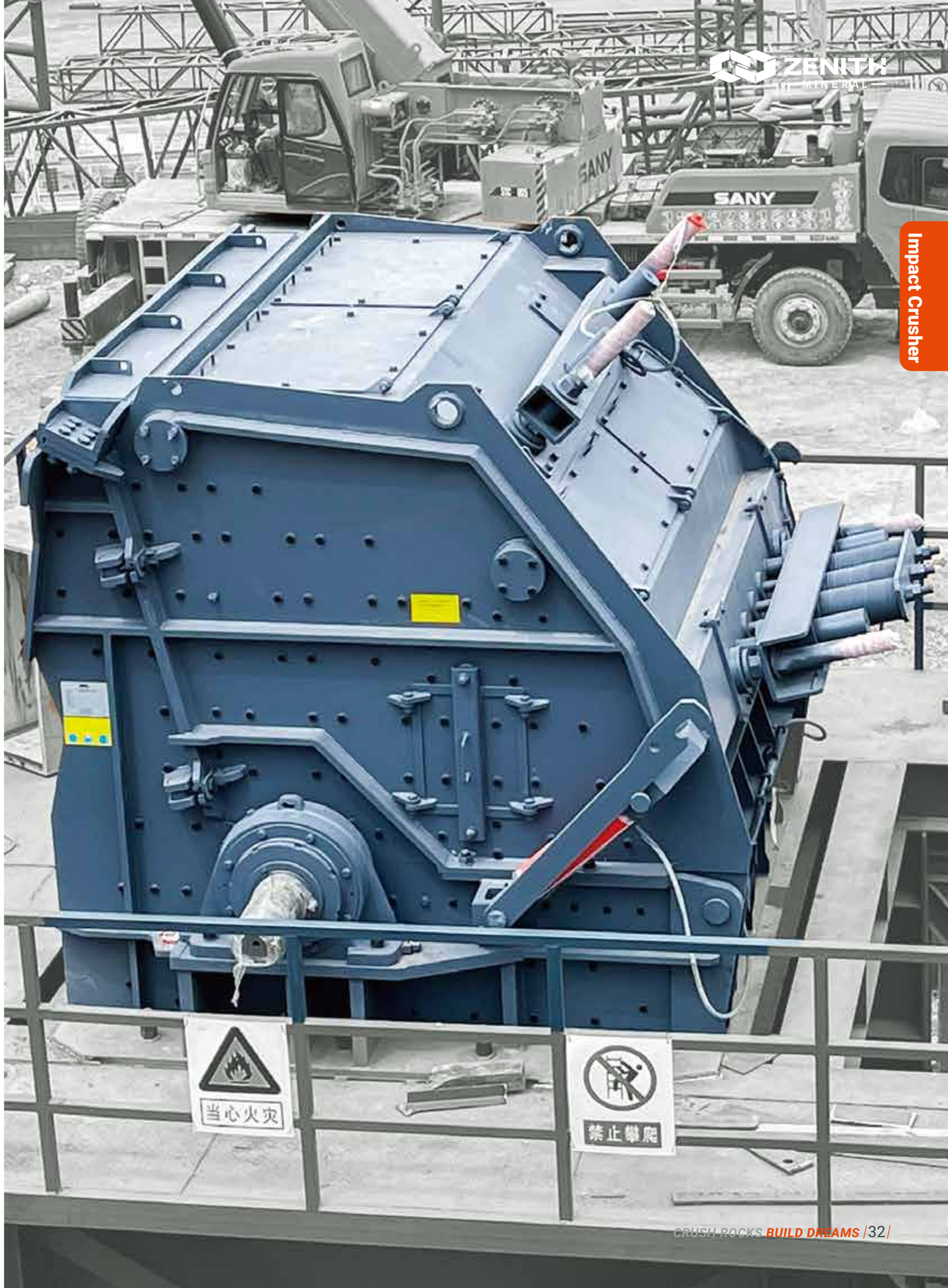
PFW Series



PF Series

备注:产量为按中等硬度物料测定的概略通过量，由于给料、粒级、岩石类型和物料含水量的差异，实际结果会有所不同。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.





HST Series Single Cylinder Hydraulic Cone Crusher

单缸液压圆锥破碎机

1 介绍
Introduction

在矿山和石料行业，人们不仅要求破碎设备产量高，产品质量优异，而且希望能源利用率高、运行维护成本低、操作使用方便。HST系列单缸液压圆锥破碎机正是为了满足这些需求而设计的:破碎效率高、生产成本低、控制全自动化，能够适应各种破碎工艺。

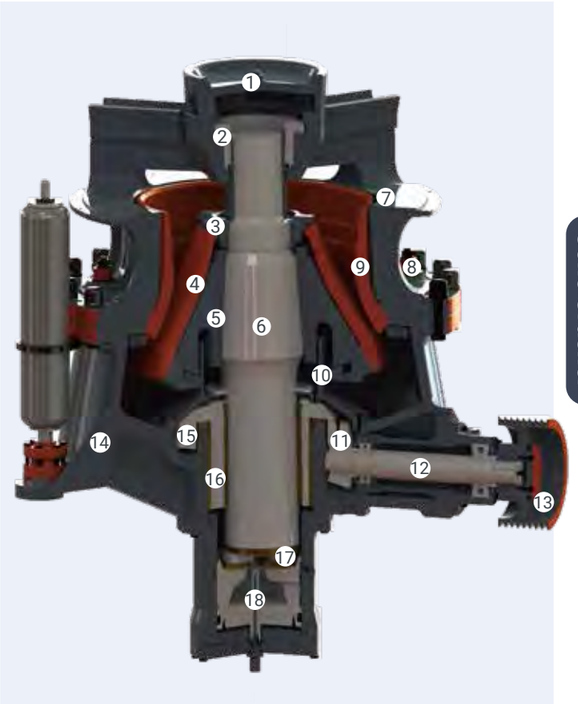
In the mining and aggregate industry, people not only require higher capacity and excellent quality of crusher but also energy saving, lower operation and maintenance costs and simple operation. HST series single cylinder hydraulic cone crusher is designed to meet these requirements: higher working efficiency, lower operation cost, fully automatic control. It can be suitable for any crushing process.

2 产品优势
Product Advantages

- 生产效率高，承载能力强
- 易于维护，运行成本低
- 全自动控制生产过程
- 多腔型适应多种工艺需求

- Higher production efficiency, bigger load capacity
- Easier maintenance, lower operating cost
- Fully automatic control of the production process
- Multi-cavity design can meet a variety of technological requirements

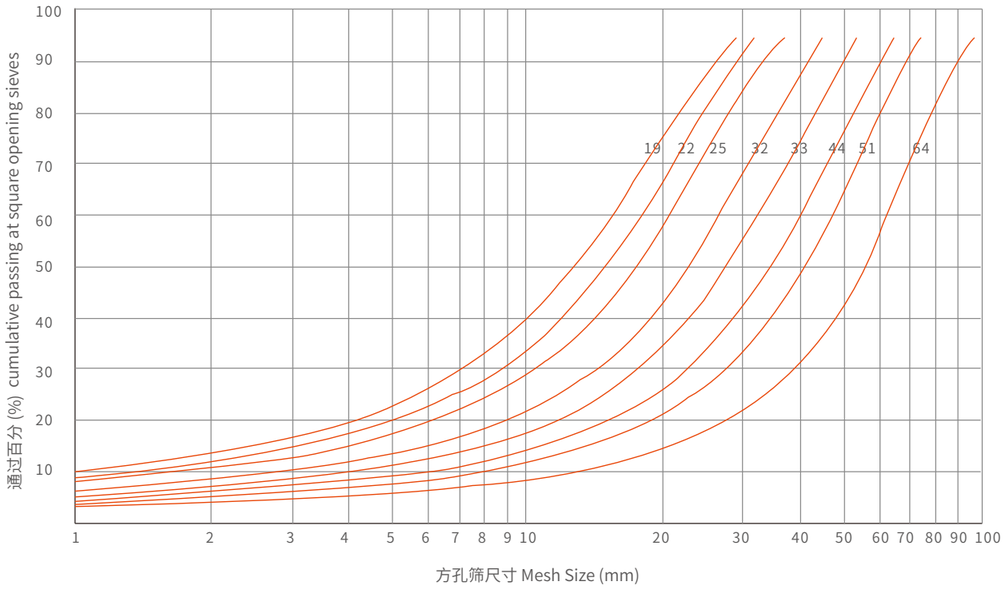
3 结构组成
Main Structure



1、顶部轴承盖 Top Bearing Cap
2、顶部轴承 Top Bearing
3、锁紧螺母 Locknut
4、破碎壁 Mantle
5、动锥 Movable Cone
6、主轴 Main Shaft
7、上架体 Upper Frame
8、轧臼壁紧锁螺栓 Concave Lockbolt
9、轧臼壁 Concave
10、防尘密封圈 Dustproof Sealing Ring
11、小齿轮 Pinion
12、传动轴 Horizontal Counter-shaft
13、皮带轮 Pulley
14、下架体 Lower Frame
15、大齿轮 Big Gear
16、偏心套 Eccentric Bush
17、止推轴承 Thrust Bearing
18、液压缸 Hydraulic Cylinder

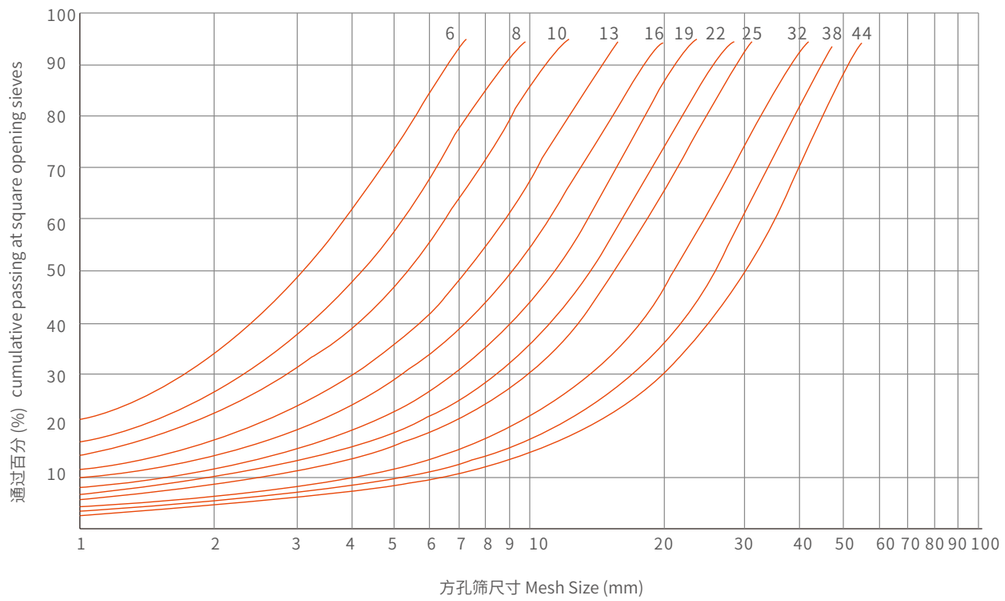
HST中碎粒度曲线

Indicative Gradation Curves(t/h)



HST细碎粒度曲线

HST Fine Particle Size Curve(t/h)



4 规格与性能参数表

Specifications

型号	腔型	给料口尺寸		最小排料口尺寸		处理能力		标配功率	最大装机功率	外形尺寸
Model	Cavity	Feeding opening		Minimum discharge opening		Capacity		Standard power	Max. installed power	Overall dimension
HST100	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	S1	240	9 5/8"	22	7/8"	85-170	94-187	90(125)	90(125)	1550×1575×2545
	S2	200	8"	19	3/4"	70-130	77-143			
	H1	135	5 3/8"	10	3/8"	45-115	50-127			1550×1575×1965
	H2	65	2 5/8"	8	5/16"	35-80	39-88			
	H3	35	1 3/8"	4	5/32"	25-60	28-66			
HST160	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	S1	360	14 3/8"	25	1"	120-345	132-380	132(175)	160(200)	1875×1920×3195
	S2	300	12"	22	7/8"	105-305	116-336			
	S3	235	9 3/8"	19	3/4"	90-275	99-303			1875×1920×2400
	H1	185	7 3/8"	13	1/2"	66-210	73-231			
	H2	90	3 5/8"	10	3/8"	65-165	72-182			
	H3	50	2"	6	1/4"	48-105	53-116			
HST250	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	S1	450	18"	35	1 3/8"	255-605	281-666	220(300)	250(350)	2100×2320×4096
	S2	400	16"	29	1 5/32"	215-515	237-567			
	S3	300	12"	25	1"	190-490	209-539			2100×2320×2780
	H1	215	8 5/8"	16	5/8"	110-395	121-435			
	H2	110	4 3/8"	13	1/2"	115-340	127-374			
	H3	70	2 3/4"	8	5/16"	90-255	99-281			
HST315	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	S1	560	22 3/8"	41	1 5/8"	335-1050	369-1155	315(400)	315(400)	2380×2735×4630
	S2	500	20"	38	1 1/2"	305-895	336-985			
	H1	275	11"	16	5/8"	170-665	187-732			2380×2735×3265
	H2	135	5 3/8"	16	5/8"	190-505	209-556			
	H3	65	2 5/8"	13	1/2"	205-320	226-352			
HST450	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	S1	560	22 3/8"	54	2 5/32"	520-1300	572-1430	450(600)	450(600)	3187×2906×4582
	S2	465	18 5/8"	51	2"	450-1200	495-1320			
HST500	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	S1	560	22 3/8"	54	2 5/32"	575-1500	660-1650	500(650)	500(650)	3216×2978×4892
	S2	500	20"	54	2 5/32"	550-1435	632-1579			
	H1	315	12 5/8"	16	5/8"	260-800	285-879			2490×2909×4267
	H2	263	10 1/2"	16	5/8"	290-905	321-991			
	H3	169	6 3/4"	16	5/8"	280-870	309-954			
	H4	152	6"	13	1/2"	250-835	275-971			
	H5	108	4 5/16"	13	1/2"	215-520	237-539			
	H6	63	2 1/2"	8	5/16"	140-395	156-443			
HST600	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	H1	350	14"	25	1"	390-1175	429-1293	630(800)	630(800)	3367×2866×4531
	H2	287	11 1/2"	25	1"	420-1260	462-1386			
	H3	236	9 7/16"	22	7/8"	405-1285	446-1414			
	H4	184	7 3/8"	19	3/4"	350-1195	385-1315			
	H5	99	4"	13	1/2"	235-745	259-820			
	H6	88	3 1/2"	10	3/8"	200-695	220-765			
HST750	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
	H1	428	17"	25	1"	490-1785	539-1964	750(1000)	750(1000)	3623×3100×5305
	H2	219	8 3/4"	19	3/4"	460-1675	506-1843			
	H3	139	5 9/16"	16	5/8"	365-1060	402-1166			
	H4	112	4 1/2"	13	1/2"	290-910	319-1001			
	H5	97	4"	10	3/8"	265-1100	292-1210			
	H6	89	3 9/16"	10	3/8"	260-840	286-924			

注:以上数据针对常规中硬物料、典型爆破料给料曲线、松散密度为1.6t/m³,瞬时取样的测量结果,数据仅供参考;设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关,不同应用工况会存在差异,具体应用请与我司技术中心联系。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.

型号Model	腔型Cavity	进料口尺寸 (mm) Feeding size	紧边排料口尺寸(mm) Closed Side Setting (CSS)																		
			19	22	25	29	32	35	38		41	44	48	51	54	60	64	70	76	80	84
HST100	S1	240		85	90-115	100-160	105-170	110-145	115												
	S2	200	70	75-95	80-130	90-115	95														
HST160	S1	360			120	135-175	140-230	150-295	160-310		170-330	175-345	190-310	195-260	205						
	S2	300		105	115-145	125-200	130-255	140-270	145-285		155-305	165-265	175								
	S3	235	90	95-125	105-170	115-220	120-235	125-250	135-265		140-275	150-245	160								
HST250	S1	450						255	270-355		285-450	300-565	320-605	335-525	350-460						
	S2	400				215	230-300	245-385	260-485		270-515	285-450	305-400	300							
	S3	300			190	205-270	220-345	230-435	245-465		260-490	270-430	290-380	305							
HST315	S1	560									335	350-460	375-590	390-720	430-895	445-930	465-980	500-1050	535-985		
	S2	500							305		320-420	340-620	360-755	375-790	410-860	425-895	450-825	480-635			
HST450	S1	560													520-1005	540-1060	570-1120	600-1140	660-1200	690-1250	720-1300
	S2	465												450-900	500-980	520-1030	550-1080	580-1100	630-1160	660-1200	
HST500	S1	560													600-1320	620-1365	655-1400	690-1445	750-1465	790-1490	830-1500
	S2	500													575-1300	600-1325	635-1375	670-1400	715-1415	760-1435	

型号Model	腔型 Cavity	进料口尺寸 (mm) Feeding size	紧边排料口尺寸(mm) Closed Side Setting (CSS)																		
			8	10	13	16	19	22	25	29	32		35	38	41	44	48	51	54	57	60	64	70
HST100	H1	135		45	50-85	50-95	58-100	60-105	63-115	70-125	75-130												
	H2	65	35-45	40-75	40-80	45-75	50-60																
	H3	35	25-55	30-60	35-50	38																	
HST160	H1	185			66-110	75-150	80-165	85-175	90-185	95-200	100-210		105-210	110-210									
	H2	90		65-85	70-135	75-145	80-155	85-165	90-155	95-125	100												
	H3	50	48-85	53-90	56-100	60-104	65-105	70-95	75														
HST250	H1	215				110-200	120-280	125-295	135-315	145-340	155-360		160-375	170-395	180-390	185-385							
	H2	110			115-190	120-280	130-300	140-320	150-340	160-310	170-285		180-235	185									
	H3	70	90-135	95-180	100-195	110-210	115-225	125-240	135-255	145-230	150-210												
HST315	H1	275				170	185-340	195-440	210-465	225-515	235-550		250-575	260-605	270-635	285-665	300-580	315-515					
	H2	135				190-295	205-440	215-470	230-500	250-500	265-505		280-455	290-405									
	H3	65			205-295	220-320	235-300	250-290															
HST500	H1	315				260	280-370	300-470	320-580	340-625	360-660		380-695	400-730	415-765	435-800	460-770	480-760					
	H2	263				290-340	310-500	335-615	355-655	385-705	405-745		425-785	450-825	470-865	490-905	520-870	540-860					
	H3	169				280-375	300-555	300-555	340-630	370-680	390-715		410-755	430-795	450-830	475-870	500-835	520-825					
	H4	152			250-270	270-475	290-530	310-570	330-605	355-655	375-690		395-725	415-760	435-800	455-835	480-805	500-795					
	H5	108			215-340	230-425	250-455	265-485	280-520	305-510	320-485		340-480	355-445	370-435	390							
	H6	63	140-225	150-280	160-300	175-325	190-350	200-370	215-395	230-390	245-370		255-370	270-340	285-330	300							
HST600	H1	350							390-465	425-625	445-750		475-780	495-830	520-870	540-910	570-960	595-1000	620-1040	640-1080	660-1120	695-1175	745-1165
	H2	287							420-540	455-715	480-810		505-850	530-895	555-935	580-980	615-1035	640-1075	665-1120	690-1160	715-1205	750-1260	800-1255
	H3	236						405-515	430-720	465-780	490-820		515-865	540-910	565-950	590-995	625-1055	650-1095	675-1140	705-1180	730-1225	765-1285	815-1275
	H4	184					350-420	375-630	400-670	430-725	455-765		480-805	505-845	525-885	550-925	585-980	605-1020	630-1060	655-1100	680-1140	710-1195	760-1190
	H5	99			235-395	255-485	275-520	290-555	310-595	335-640	355-675		375-710	390-745	410-735	430-720	455-680	470-650	490-630	510-605			
	H6	88		200-240	220-420	235-450	255-485	270-515	290-550	310-595	330-625		345-660	365-695	380-680	400-670	420-655	440-645	455-605	475-560	495-540	515	
HST750	H1	428							490-565	525-780	555-1005		585-1095	615-1180	645-1240	675-1295	710-1370	740-1425	770-1485	800-1540	830-1595	870-1670	925-1785
	H2	219					460-535	490-805	520-1005	565-1085	595-1145		625-1205	660-1265	690-1325	720-1385	765-1470	795-1530	825-1590	855-1650	890-1660	930-1675	990-1550
	H3	139				365-600	390-755	420-805	445-860	480-925	510-980		535-1020	560-1060	590-1035	615-1010	650-945	680-895	705-845	730-790			
	H4	112			290-560	315-605	335-650	360-695	385-735	415-795	485-840		485-875	485-910	505-890	530-870	560-815	580-770	605-725	630-680			
	H5	97		265-305	285-550	310-595	330-635	355-680	375-725	405-780	430-825		450-870	475-910	495-955	520-1000	550-1055	570-1100	595-1055	615-1015	640-980	670-940	715-830
	H6	89		260-320	280-540	305-585	325-625	345-670	370-710	400-765	420-810		445-825	465-840	485-820	510-795	540-740	560-695	585-650	605			

注:以上数据针对常规中硬物料、典型爆破料给料曲线、松散密度为1.6t/m³,瞬时取样的测量结果,数据仅供参考;设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关,不同应用工况会存在差异,具体应用请与我司技术中心联系。

Note:The above data are for materials with density of 1.6t/m³ and for reference only. The capacity is related to material characteristics, feed particle size and distribution, work index, water content and feeding method. There will be differences in different application conditions. Please contact our technical center for specific applications.



HPT Series Multiple Cylinder Hydraulic Cone Crusher
多缸液压圆锥破碎机



1 介绍
Introduction

HPT系列圆锥破碎机是在三十多年破碎机研发经验积累的基础上，结合丰富的现场经验，以及对新技术、新材料的探索，开发成功的新一代多缸液压圆锥破碎机。一直以来，HPT系列圆锥破碎机以其优秀的现场表现和高效的生产能力不断帮助客户实现需求，获得价值。

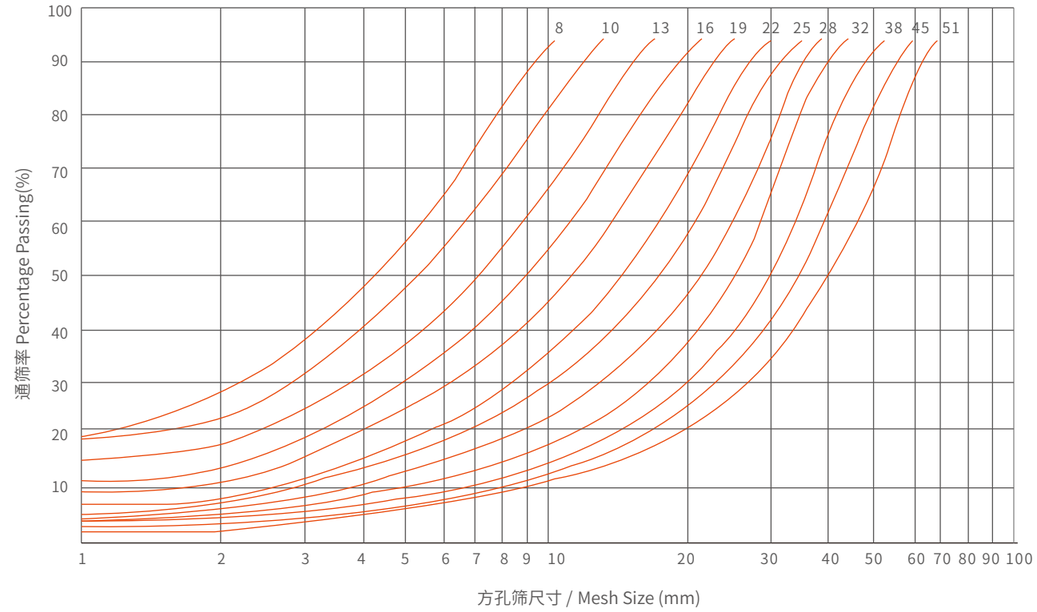
HPT series cone crushers are a new generation of multiple cylinder hydraulic cone crusher with high efficiency, built on the success of our 30+ years' experience of crusher research and development. As a result, the HPT Cone Crusher has met the crushing demands of our customers perfectly and created more value for its outstanding and stable performance.

2 产品优势
Product Advantages

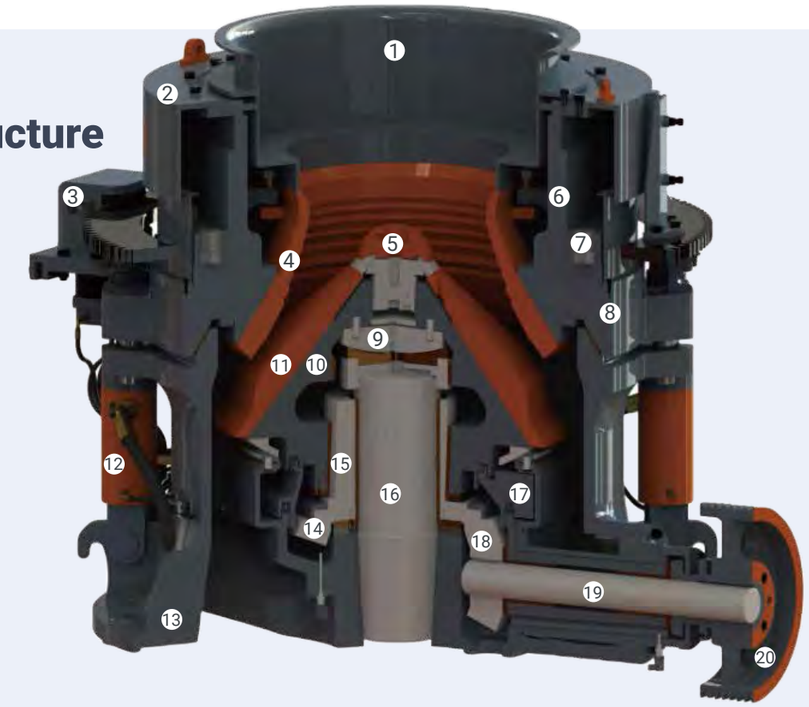
- **液压润滑一体化设备控制自动化**
- **层压破碎出料粒形好**
- **一机多用腔型转换灵活**

- Intergrated lubrication system & automatic control system
- Interparticle crushing makes good cubical shapes
- Multiple cavities suit different crushing applications

HPT粒度曲线 Indicative Gradation Curves(t/h)



3 结构组成
Main Structure



1、料斗 Hopper
2、调整帽 Adjusting Cap
3、液压调整装置 Hydraulic Adjustment Device
4、轧臼壁 Concave
5、锥头 Cone Head
6、调整环 Adjusting Ring
7、锁紧缸 Locking Cylinder
8、支撑套 Supporting Bush
9、球轴承 Socket Liner
10、动锥 Movable Cone
11、破碎壁 Mantle
12、保险缸 Protective Cylinder
13、机架 Main Frame
14、大齿轮 Big Gear
15、偏心套 Eccentric Bushing
16、主轴 Main Shaft
17、平衡环 Balance Ring
18、小齿轮 Pinion
19、传动轴 Counter Shaft
20、皮带轮 Pulley

生产能力 Capacity (t/h)

型号 Model	紧边排料口尺寸(mm) Closed side setting(CSS)										
	8	10	13	16	19	22	25	32	38	44	51
HPT100	50-60	55-70	60-80	70-90	75-95	80-100	85-110	95-140			
HPT200		90-120	115-150	135-180	145-190	155-200	165-220	185-235	200-250		
HPT300		110-140	145-185	175-220	190-240	210-260	220-280	240-320	285-380	335-440	
HPT400		135-175	180-230	215-280	245-320	265-345	285-370	310-430	345-490	390-560	445-630
HPT500			220-290	270-350	305-400	330-430	350-455	385-535	425-605	485-700	555-790
HPT650		210-300	270-380	320-450	355-490	390-535	410-570	420-630	490-715	520-790	630-950
HPT800			310-425	370-500	415-545	450-600	475-730	520-800	570-950	660-1050	750-1200
HPT950			340-470	400-550	450-600	490-690	540-880	590-960	650-1150	750-1280	850-1450
WHPT1000			615-730	700-815	720-900	805-1060	915-1210	1145-1480	1375-1750	1600-2085	1830-2420
WHPT1300			770-915	835-1020	900-1125	1010-1320	1145-1510	1455-1875	1720-2190	2000-2610	2290-3025

注:以上数据针对常规中硬物料、典型爆破料给料曲线、松散密度为1.6t/m³,瞬时取样的测量结果,数据仅供参考;设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关,不同应用工况会存在差异,具体应用请与我司技术中心联系。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.

型号 Model	腔型 Cavity	给料口尺寸 Feeding opening		最小排料口尺寸 Minimum discharge opening		处理能力 Capacity		标配装机功率 Nominal installed power	最大装机功率 Max. installed power	外形尺寸 Overall dimension
	(/)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(kw)(hp)	(kw)(hp)	(mm)
HPT100	C1(超粗)Extra Coarse	140	5 9/16"	19	3/4"	75-140	83-154	90(125)	90(125)	1705×1510×1583
	C2(粗)Coarse	100	4"	13	1/2"	60-110	66-121			
	M(中)Medium	70	2 3/4"	9	3/8"	52-100	57-110			
	F1(细)Fine	50	2"	9	3/8"	50-95	55-105			
	F2(超细)Extra Fine	20	3/4"	6	1/4"	45-90	50-99			
HPT200	C2(粗)Coarse	185	7 3/8"	19	3/4"	145-250	160-275	132(175)	160(200)	2135×1750×1927
	M(中)Medium	125	5"	16	5/8"	135-235	149-259			
	F1(细)Fine	95	3 3/4"	13	1/2"	115-220	127-242			
	F2(超细)Extra Fine	75	3"	10	3/8"	90-190	99-209			
HPT300	C1(超粗)Extra Coarse	230	9 3/16"	25	1"	220-440	242-484	220(300)	250(350)	2725×2110×2187
	C2(粗)Coarse	210	8 3/8"	19	3/4"	190-380	209-418			
	M(中)Medium	150	6"	16	5/8"	175-320	193-352			
	F1(细)Fine	105	4 3/16"	13	1/2"	145-280	160-308			
	F2(超细)Extra Fine	80	3 3/16"	10	3/8"	110-240	121-264			
HPT400	C1(超粗)Extra Coarse	295	12"	30	1 3/16"	300-630	330-693	315(400)	315(400)	2775×2370×2295
	C2(粗)Coarse	251	10"	25	1"	285-560	314-616			
	M(中)Medium	196	8"	19	3/4"	250-490	275-539			
	F1(细)Fine	110	4 3/8"	13	1/2"	180-345	198-380			
	F2(超细)Extra Fine	90	3 5/8"	10	3/8"	135-320	149-352			
HPT500	C1(超粗)Extra Coarse	330	13 3/16"	38	1 1/2"	425-790	468-869	400(500)	400(500)	2800×3480×3050
	C2(粗)Coarse	290	11 5/8"	32	1 9/32"	370-700	407-770			
	M(中)Medium	210	8 3/8"	22	7/8"	330-605	363-666			
	F1(细)Fine	135	5 3/8"	16	5/8"	270-535	297-589			
	F2(超细)Extra Fine	95	3 3/4"	13	1/2"	220-430	242-473			
HPT650	C1(超粗)Extra Coarse	335	13 3/8"	32	1 9/32"	420-950	463-1045	500(650)	500(650)	2850×3520×3100
	C2(粗)Coarse	295	12"	25	1"	410-790	451-869			
	M(中)Medium	195	8"	19	3/4"	365-630	402-693			
	F1(细)Fine	105	4 3/16"	13	1/2"	270-535	297-589			
	F2(超细)Extra Fine	52	2"	10	3/8"	210-490	231-539			
HPT800	C1(超粗)Extra Coarse	350	14"	38	1 1/2"	570-1200	627-1320	630(800)	630(800)	3970×3345×4235
	C2(粗)Coarse	299	12"	32	1 9/32"	520-1050	572-1155			
	M(中)Medium	265	10 5/8"	25	1"	475-950	523-1045			
	F1(细)Fine	220	8 3/4"	16	5/8"	370-800	407-880			
	F2(超细)Extra Fine	150	6"	13	1/2"	310-600	341-660			
HPT950	C1(超粗)Extra Coarse	355	14 3/16"	32	1 9/32"	590-1450	649-1595	710(950)	750(1000)	4010×3450×4310
	C2(粗)Coarse	298	12"	25	1"	540-1280	594-1408			
	M(中)Medium	265	10 5/8"	19	3/4"	450-1150	495-1265			
	F1(细)Fine	220	8 3/4"	19	3/4"	450-960	495-1056			
	F2(超细)Extra Fine	155	6 3/8"	13	1/2"	340-690	374-759			
WHPT1000	C1(超粗)Extra Coarse	360	14 3/8"	38	1 1/2"	1375-2420	1513-2662	750(1000)	800(1100)	5530×5360×4200
	C2(粗)Coarse	345	13 3/4"	32	1 9/32"	1145-2085	1260-2294			
	M(中)Medium	245	9 3/4"	25	1"	915-1750	1007-1925			
	F1(细)Fine	240	9 5/8"	22	7/8"	805-1480	886-1628			
	F2(超细)Extra Fine	140	5 5/8"	13	1/2"	615-1210	677-1331			
WHPT1300	C1(超粗)Extra Coarse	405	16 3/16"	38	1 1/2"	1720-3025	1892-3328	900(1200)	1000(1300)	5540×5360×4260
	C2(粗)Coarse	385	15 3/8"	32	1 9/32"	1455-2610	1601-2871			
	M(中)Medium	270	10 3/4"	25	1"	1145-2190	1260-2409			
	F1(细)Fine	150	6"	13	1/2"	770-1510	847-1661			
	F2(超细)Extra Fine									

注:以上数据针对常规中硬物料、典型爆破料给料曲线、松散密度为1.6t/m³,瞬时取样的测量结果,数据仅供参考;设备处理能力与物料特性、给料粒度及分布、功指数、含水量和给料方法等因素相关,不同应用工况会存在差异,具体应用请与我司技术中心联系。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.





S Series High-efficiency Spring Cone Crusher

高效弹簧圆锥破碎机

1 介绍
Introductions

S系列高效弹簧圆锥破碎机在传统的弹簧圆锥破的技术上对其腔型进行优化，使其性能进一步提升；保留其传统可靠的弹簧保险装置，将调整装置改为液压推动装置，在充分确保设备稳定的前提下，使操作更加便捷。

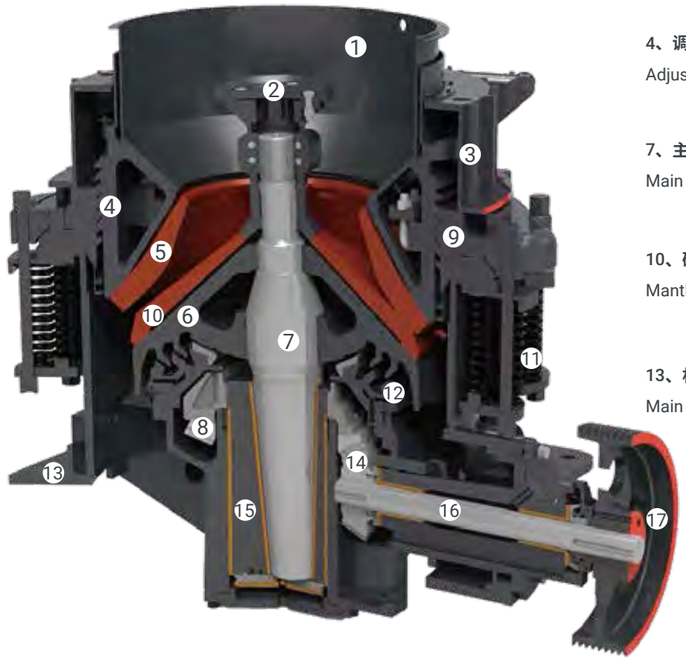
After optimization of the traditional spring cone crushers, the S series high-efficiency spring cone crushers have further improved the relevant performance; the traditional reliable spring safety device is maintained and the adjustment device has been changed into a hydraulic one, which can ensure the equipment stability to the maximum extent and make the operation more convenient.

2 产品优势
Product Advantages

- **腔型优化 性能提升**
- **经典结构 使用更可靠**
- **液压润滑系统 操作更简单**
- **多种腔型 应用多种工况**

- Optimized cavity type, better performance
- Classic structure, more reliable operation
- Hydraulic lubrication system, more simple operation
- Multiple types can adapt to various of operating conditions

3 结构组成
Main Structure



1、料斗 Hopper
2、分料盘 Feeding Plate
3、调整帽 Adjusting Cap
4、调整环 Adjusting Ring
5、轧臼壁 Concave
6、动锥 Movable Cone
7、主轴 Main Shaft
8、大齿轮 Big Gear
9、支撑套 Supporting Bush
10、破碎壁 Mantle
11、保险弹簧 Protective Spring
12、碗型轴架 Bowl Bearing Frame
13、机架 Main Frame
14、小齿轮 Pinion
15、偏心套 Eccentric Bush
16、传动轴 Counter Shaft
17、皮带轮 Pulley

4 规格与性能参数表

Specifications

型号	动锥直径	腔型	给矿口尺寸				出料口调整范围		处理能力		传动轴转速	电机功率	外形尺寸
Model	Dia. Of cone	Cavity	Feed opening				Range of discharge opening		Capacity		Speed of counter shaft	Power	Overall dimension
			闭口边 Closed side		开口边 Open side								
S36"STD	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	914 (3')	粗型 Coarse	159	6 3/4"	175	7"	13-38	1/2"-1 1/2"	59-163	65-179	580	75(100)	2821×1880×2164
		细型 Fine	83	3 5/16"	102	4"	9-22	3/8"-7/8"	45-91	49-100			
S36"SHT	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	914 (3')	粗型 Coarse	51	2"	76	3"	6-19	1/4"-3/4"	65-140	72-154	580	75(100)	2821×1880×2410
		中型 Medium	33	1 5/16"	60	2 3/8"	3-16	1/8"-5/8"	27-100	30-110			
		细型 Fine	13	1/2"	41	1 5/8"	3-13	1/8"-1/2"	27-90	30-99			
S51"STD	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	1295 (4 1/4')	粗型 Coarse	216	8 5/8"	241	9 5/8"	19-51	3/4"-2"	172-349	189-384	485	160-185 (200-250)	2800×2342×2668
		中型 Medium	188	7 7/16"	210	8 3/8"	16-31	5/8"-1 1/4"	132-253	145-278			
		细型 Fine	109	4 3/8"	137	5 1/2"	13-31	1/2"-1 1/4"	109-181	120-199			
S51"SHT	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	1295 (4 1/4')	粗型 Coarse	70	2 3/4"	105	4 3/16"	10-25	3/8"-1"	109-227	120-250	485	160(200)	2800×2342×2668
		中型 Medium	54	2 5/32"	89	3 9/16"	6-16	1/4"-5/8"	82-163	90-179			
		细型 Fine	29	1 5/32"	64	2 9/16"	3-16	1/8"-5/8"	36-163	40-179			
S66"STD	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	1650 (5 1/2')	粗型 Coarse	241	9 5/8"	268	10 3/4"	25-64	1"-2 9/16"	299-635	329-699	485	220-250 (300-350)	3911×2870×3771
		中型 Medium	213	8 1/2"	241	9 5/8"	22-51	7/8"-2"	258-417	284-459			
		细型 Fine	188	7 1/2"	209	8 3/8"	16-38	5/8"-1 1/2"	181-327	199-360			
S66"SHT	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	1650 (5 1/2')	粗型 Coarse	98	4"	133	5 5/16"	10-25	3/8"-1"	190-336	209-370	485	220-250 (300-350)	3917×2870×3771
		中型 Medium	54	2 5/32"	89	3 9/16"	6-19	1/4"-3/4"	136-281	150-309			
		细型 Fine	35	1 3/8"	70	2 3/4"	5-13	1/4"-1/2"	90-209	99-230			
S84"STD	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	2134 (7')	粗型 Coarse	334	13 3/8"	369	14 3/4"	31-64	1 1/4"-2 9/16"	870-1400	957-1540	435	400(500)	5200×4300×4700
		中型 Medium	303	12 1/8"	334	13 3/8"	25-51	1"-2"	608-998	669-1098			
		细型 Fine	253	10"	278	11"	19-38	3/4"-1 1/2"	381-726	419-799			
S84"SHT	(mm/ft)	(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)(hp)	(mm)
	2134 (7')	粗型 Coarse	127	5"	178	7"	13-25	1/2"-1"	454-599	499-659	435	400(500)	5200×4300×4700
		中型 Medium	95	3 3/4"	133	5 5/16"	10-19	3/8"-3/4"	354-508	389-559			
		细型 Fine	51	2"	105	4 3/16"	5-16	3/16"-5/8"	190-408	209-449			

备注:产量为按中等硬度物料测定的概略通过量，由于给料、粒级、岩石类型和物料含水量的差异，实际结果会有所不同。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.



PY Series
Spring Cone Crusher
弹簧圆锥破碎机

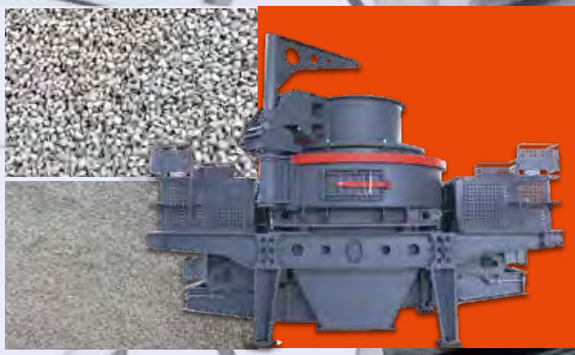


1 规格与性能参数表
Specifications

型号	动锥直径		进料口尺寸		最大进料尺寸		出料口调整范围		处理能力		传动轴转速	电机功率		外形尺寸
Model	Dia. Of cone		Feed opening		Maximum feeding size		Range of discharge opening		Capacity		Speed of counter shaft	Power		Overall dimension
(/)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
PYB600	600	24"	75	3"	65	2 5/8"	12-15	1/2"-5/8"	40	44	356	30	40	2234×1370×1675
PYD600	600	24"	40	1 5/8"	35	1 3/8"	3-13	1/8"-1/2"	12-23	13-25	356	30	40	2234×1370×1675
PYB900	900	36"	135	5 3/8"	115	4 5/8"	15-50	5/8"-2"	50-90	55-99	333	55	75	2692×1640×2350
PYZ900	900	36"	70	2 3/4"	60	2 3/8"	5-20	3/16"-3/4"	20-65	22-72	333	55	75	2692×1640×2350
PYD900	900	36"	50	2"	50	2"	3-13	1/8"-1/2"	15-50	17-55	333	55	75	2692×1640×2350
PYB1200	1200	48"	170	6 3/4"	145	5 3/4"	20-50	3/4"-2"	110-168	121-185	300	110	150	2790×1878×2844
PYZ1200	1200	48"	115	4 5/8"	100	4"	8-25	5/16"-1"	42-135	46-149	300	110	150	2790×1878×2844
PYD1200	1200	48"	60	2 3/8"	50	2"	3-15	1/8"-5/8"	18-105	20-116	300	110	150	2790×1878×2844
PYB1750	1750	70"	250	10"	215	8 5/8"	25-50	1"-2"	280-480	308-528	245	160	200	3910×2894×3809
PYZ1750	1750	70"	215	8 5/8"	185	7 3/8"	10-30	3/8"-1 3/16"	115-320	127-352	245	160	200	3910×2894×3809
PYD1750	1750	70"	100	4"	85	3 3/8"	5-13	3/16"-1/2"	75-230	83-253	245	160	200	3910×2894×3809

备注:产量为按中等硬度物料测定的概略通过量，由于给料、粒级、岩石类型和物料含水量的差异，实际结果会有所不同。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.



VSI6X Series Vertical Shaft Impact Crusher (VSI Crusher)

立轴冲击式破碎机

1 介绍
Introduction

VSI6X系列立轴冲击式破碎机采用了全新的四口叶轮结构、轴承筒设计、高效低成本破碎腔型和大通过量机架等新型的技术成果，同时对设备整体的功能进行优化设计，使得设备的破碎效率、使用成本和操作维护性能等各项指标都达到可靠水平。

VSI6X series vertical shaft impact crusher adopts a new four-port impeller structure, patent bearing cylinder design, crushing cavity mode with higher efficiency and lower cost, larger throughput rack and other latest technology achievement and also the overall function of the equipment is carried out optimal design, which makes the crushing efficiency, usage cost, operation and maintenance performance and other indexes reaching the advanced level in the market.

VSI6X系列立轴冲击式破碎机不仅可以用于坚硬岩石的制砂和整形作业、矿石的细碎作业，还可以用于建筑垃圾、煤矸石、尾矿等固体废弃物处理等，是目前市场上优选的节能环保型高效率制砂和整形设备。

VSI6X series vertical shaft impact crusher can be used not only in sand making and reshaping of hard rocks and crushing of ore, but also in disposal of construction waste, coal gangue, tailing and other solid waste. Now it is the preferred energy saving and environment protective, sand making and reshaping equipment with high efficiency in the market.

2 产品优势
Product Advantages





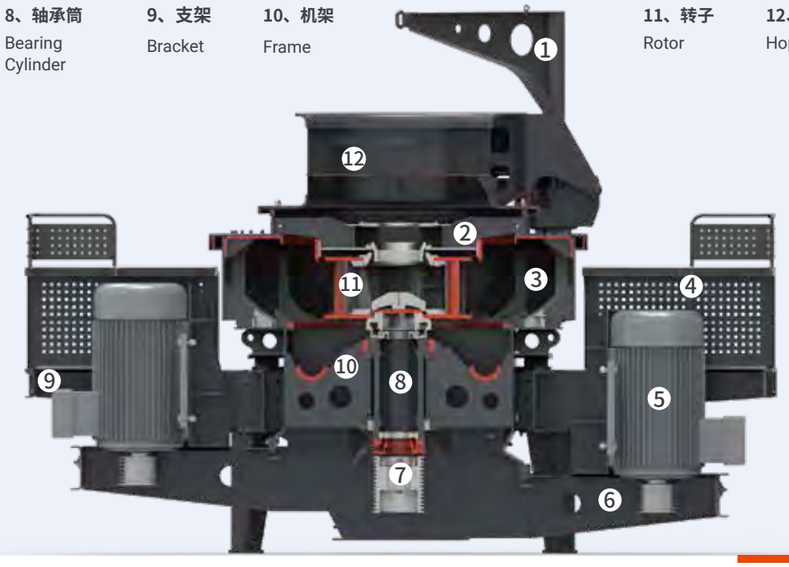
1. “石打石”破碎腔 出料品质高。
2. “石打铁”破碎腔 破碎效率高。

1. “Rock on rock” crushing cavity, superior product shape(cubicity).
2. “Rock on iron” crushing cavity, high efficiency of crushing.

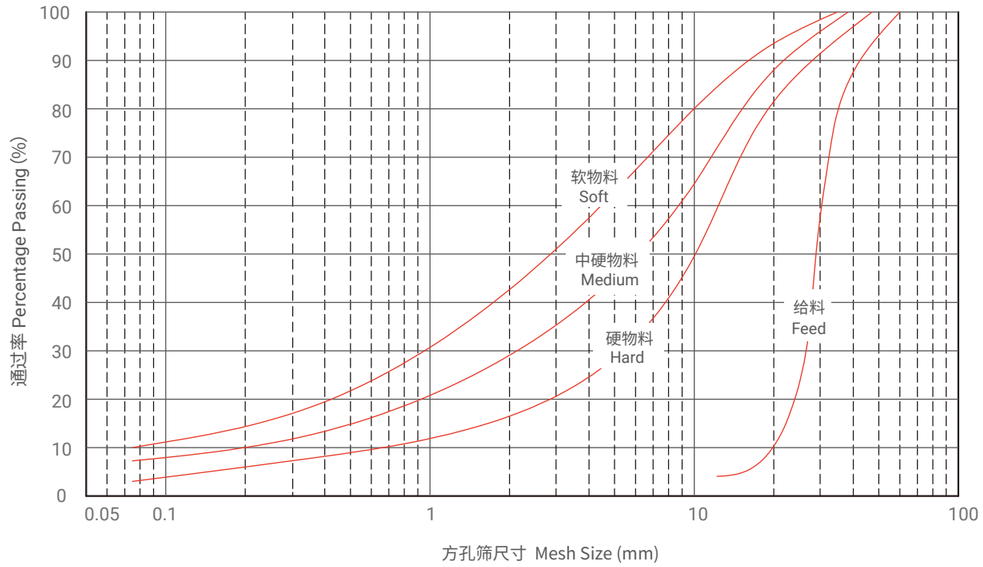
关键部件全新结构设计	更低的使用和维护成本	更安全可靠的设备运行方式
New structure design of the key parts	Lower cost in usage and maintenance	Safer and more reliable equipment operation

3 结构组成
Main Structure

1、起吊装置 Lifting Device
2、吊盘 Sling Tray
3、破碎腔 Crushing Cavity
4、踏板架 Pedal Bracket
5、电机 Motor
6、电机座 Motor Bracket
7、皮带轮 Pulley
8、轴承筒 Bearing Cylinder
9、支架 Bracket
10、机架 Frame
11、转子 Rotor
12、进料斗 Hopper



VSI6X粒度曲线 Indicative Gradation Curves(t/h)



4 规格与性能参数表
Specifications

型号 Model	最大进料粒度 Maximum feeding size				通过量 Feeding throughput				主轴转速 Speed of main shaft	功率 Power		外形尺寸 Overall dimension
	制砂 Sanding making		整形 Reshaping		制砂 Sand making		整形 Reshaping					
VSI6X Series	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
VSI6X8015	≤30	1 3/16"	≤40	1 5/8"	109-117	120-129	131-204	144-224	1300-1700	75×2	100×2	4100×2275×3353
VSI6X9026	≤35	1 3/8"	≤45	1 3/4"	167-179	184-197	200-313	220-344	1200-1500	132×2	175×2	4640×2380×3500
VSI6X1040	≤40	1 5/8"	≤50	2"	264-283	290-311	317-495	349-545	1100-1400	200×2	300×2	4880×2560×3725
VSI6X1150	≤45	1 3/4"	≤55	2 1/4"	344-368	378-405	413-644	454-708	1000-1300	250×2	325×2	5500×2750×3950
VSI6X1263	≤50	2"	≤60	2 3/8"	454-486	499-535	545-849	600-934	900-1200	315×2	400×2	5700×2980×4190
VSI6X1380	≤50	2"	≤60	2 3/8"	601-643	661-707	721-1125	793-1238	800-1100	400×2	500×2	7900×3260×4183
VSI6X13100	≤50	2"	≤60	2 3/8"	751-804	826-884	940-1407	1034-1548	800-1100	500×2	650×2	7900×3260×4183
	软料 Soft material		硬料 Hard material		制砂 Sand making		整形 Reshaping					
B-DR Series	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
B-7615DR	35	1 3/8"	30	1 3/16"	70-140	77-154	150-280	165-308	1700-1900	75×2	100×2	4100×2330×2300
B-8522DR	40	1 5/8"	35	1 3/8"	120-190	132-209	240-380	385-594	1500-1700	110×2	150×2	4140×2500×2700
B-9532DR	45	1 3/4"	40	1 5/8"	180-280	198-308	350-540	385-594	1300-1510	160×2	200×2	4560×2600×2900
B-1145DR	50	2"	45	1 3/4"	250-360	275-396	500-640	550-704	1100-1310	220×2	300×2	5000×2790×3320
	软料 Soft material		硬料 Hard material		制砂 Sand making		整形 Reshaping					
B Series	(mm)	(inch)	(mm)	(inch)	(mtph)	(stph)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
B-7611	35	1 3/16"	30	1 3/16"	60-90	66-99	120-180	132-198	1700-1890	55×2	75×2	4100×2250×2258
B-8518	40	1 5/8"	35	1 3/8"	100-130	110-143	200-260	220-286	1520-1690	90×2	125×2	4140×2280×2425
B-9526	45	1 3/4"	40	1 5/8"	150-190	165-209	300-380	330-418	1360-1510	132×2	175×2	4560×2450×2780
B-1140	50	2"	45	1 3/4"	225-260	248-286	450-520	495-572	1180-1310	200×2	300×2	5100×2690×3200







备注:产量为按中等硬度物料测定的概略通过量，由于给料、粒级、岩石类型和物料含水量的差异，实际结果会有所不同。

NOTE: The above capacities are based on the general throughput of medium hardness materials. Depending on different feeding, size, rock types and water content, the actual performance may be different.

Standard Modular Plant (SMP)

SMP模块化生产线



1 介绍
Introduction

SMP 模块化生产线是公司根据市场需求，在固定和移动生产线应用经验基础上，结合客户现场生产线建设安装的技术积累，推出的一种具有高便捷性的模块组合式快速生产线。

Based on the market demands and experience of thousands of stationary and mobile crushing plants, ZENITH developed and launched the SMP（Standard Modular Plant） for the quarries and mines to enjoy faster installation and higher convenience.

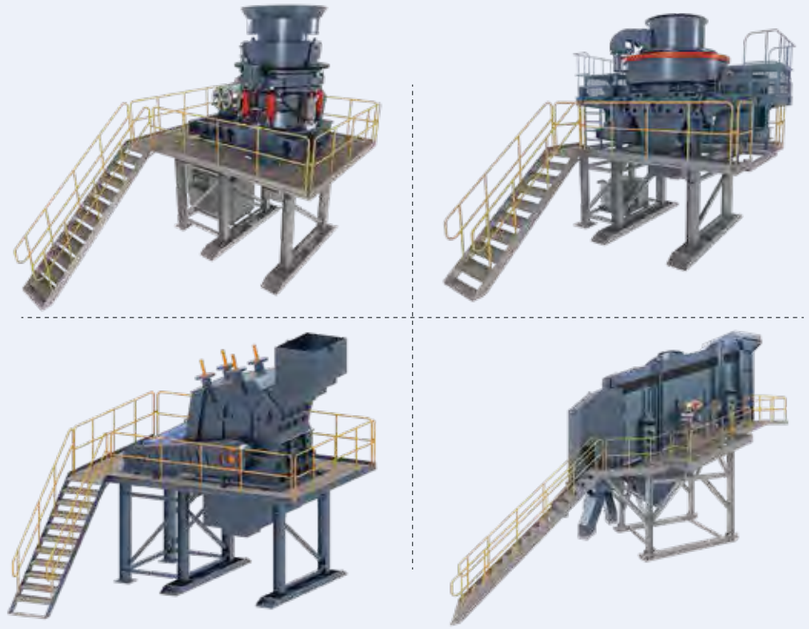
通过预先设计好的破碎筛分模块和现场布局规划，最大限度地满足快速交付、快速组装，交付和调试效率高出传统生产线 30%-40%，因此，生产线能够快速安装、快速投产、快速收益。

SMP excels in rapid delivery and assembly due to its pre-designed and ready-to-run crushing or screening modules. Compared to traditional crushing plants, SMP's delivery and assembly efficiency increases by 30%-40%, enabling quick installation, production, and revenue generation.

西芝规划了 12 种 SMP 标准模块化生产线和 27 种 MP 模块产品，每个 SMP 标准生产线由 4-7 个 MP 模块组成，产能从 75 到 450TPH 不等。

ZENITH has planned 12 standard SMP plants and 27 module parts (MPs). Each SMP consists of 4-7 modules, with capacities ranging from 75t/h to 450t/h.

2 产品优势
Product Advantages



- 现场只需很少的工程量，少量的混凝土基础或无需混凝土基础；
- 所有模块配置雪橇式支撑，免地脚螺栓设计；客户员工可以轻松在现场安装；易于调试，并可选配不同配置的电气控制；
- 优化设计的工艺流程，各模块低矮设计，尽量少的投资和节省占地；
- 具有比移动站更大的料仓容积，同时标配中转缓冲料仓，为破碎机稳定供料，实现连续生产，提高效率提供条件。
- 可通过 MP 模块的自由搭配，用户可以自由组合个性化的生产线，也可以用来升级扩产已有的老生产线；
- 安装期短，最快一周内可完成全部生产线安装；

- The project site requests little civil works. Little or even no concrete is needed for foundation construction.
- Each module comes with skid-mounted supports which do not require anchor bolts and ensure ease of on-site installation for customers. The control cabinets can also be customized based on specific requirements of the clients;
- The process flow is optimized, with modules designed to be low in height, aiming to minimize investment and save space.
- It has a larger hopper volume than mobile crusher and is equipped with a standard intermediate surge bin. This ensures stable feeding to the crusher, enabling continuous production and greater efficiency.
- With various combinations of MP modules, users can create personalized production lines or upgrade existing ones.
- The whole crushing plant can be installed within one week.

3 SMP模块化生产线参数表

SMP Parameters

标准工厂 Standard Plant	最大进料粒度 Max. Feed (mm) (inch)	最终产品产能 Capacity (mtph/stph)			破碎级数 Number of Crushing Stages	粒型指数 Product Quality (shape)	模块化配置 Modular Configuration					总功率 Power (kW/hp)
		0/25	0/31.5	0/40			初级破碎模块 Primary Crushing Module	二级、三级破碎模块 Secondary and Tertiary Crushing Module		筛选模块 Screening Module		
SMP75H	425 (17")	70 (77)	80 (88)	95 (105)	2	●●	MPJ75	MPC75		MPS1544		227.6 (≈304)
SMP100H	500 (20")	85 (94)	95 (105)	105 (116)	2	●●	MPJ100	MPC100		MPS1864		299.6 (≈368)
SMP200H	630 (25 1/4")	180 (198)	200 (220)	200 (220)	2	●●	MPJ200	MPC300		MPS2164		480.2 (≈634)
SMP200HP	630 (25 1/4")	240 (264)	260 (287)	280 (309)	3	●●●	MPJ200	MPC160	MPC160	MPS2164		533.4 (≈698)
SMP200HV	630 (25 1/4")	180 (198)	195 (215)	240 (264)	3	●●●●	MPJ200	MPC300	MPV9526	MPS1863	MPS1863	808.35 (≈1078)
SMP300H	720 (28 3/4")	280 (309)	300 (331)	320 (353)	2	●●	MPJ300	MPC315		MPS2464		652.2 (≈867)
SMP300HE	720 (28 3/4")	280 (309)	300 (331)	320 (353)	2	●●⊙	MPJ300	MPC500		MPS2464		751.7 (≈1005)
SMP300HV	720 (28 3/4")	350 (386)	350 (386)	350 (386)	3	●●●●	MPJ300	MPC315	MPV1040	MPS2163	MPS2163	1124.55 (≈1519)
SMP450HP	800 (32")	400 (441)	400 (441)	425 (468)	3	●●⊙	MPJ450	MPC250	MPC315	MPS2164	MPS2164	971.7 (≈1462)
SMP100S	500 (20")	90 (99)	100 (110)	120 (132)	2	●●●	MPJ100	MPF1214		MPS1864		326.6 (≈413)
SMP200S	630 (25 1/4")	180 (198)	200 (220)	220 (242)	2	●●●	MPJ200	MPF1213CI		MPS2164		433.7 (≈568)
SMP300S	720 (28 3/4")	240 (264)	270 (298)	300 (331)	2	●●●	MPJ300	MPF1315CI		MPS2464		567.7 (≈841)

说明:

1.表中破碎指数：诠释●●⊙ 代表砂石线石料产品粒型质量指数，带点越多代表粒型越好；

2.表中标准工厂：代表软硬岩砂石处理标准生产线，其中SMP*H/HP/HV适用于坚硬或高磨蚀性岩石，SMP*S适用于软岩或低磨蚀性岩石；

Note:

1. The product quality (shape) indicates the quality of final particles. The more dots (●●⊙), the better the product quality.

2. The standard plant represents the standard configuration for processing soft and hard rock aggregates. Among them, SMP*H/HP/HV is suitable for hard or highly abrasive rocks, and SMP*S is suitable for soft or low abrasive rocks.

4 MP产品规格

Module Parts (MPs)

MP 模块主要配置的主机设备有：GF / F5X 系列给料机、C6X 系列颚破、CI5X 系列反击破、HPT/HST 系列圆锥破、S5X 系列振动筛、VSI6X 系列冲击破等，27 款 MP 模块产品如下。

The main equipment of MP modules includes: GF/F5X Vibrating Feeder, C6X Jaw Crusher, CI5X Impact Crusher, HPT/HST Cone Crusher, S5X Vibrating Screen, VSI6X Impact Crusher, and so on. The 27 MP modules are as follows.

序号 No.	功能模块 Processing Stage	模块名称 Module Title	主机配置 Main Units	单机功率 Power	
				(kW)	(hp)
1	一级破碎模块 Primary Crushing Module	MPJ75	GF0936S+PE500x750	2.9×2+55	5×2+75
2		MPJ100	GF0942S+PE600x900	2.9×2+75	5×2+100
3		MPJ200	GF1245S+PE750x1060	6.2×2+90	10×2+125
4		MPJ300	GF1245S(5°)+C6X110	6.2×2+160	10×2+200
5		MPJ450	F5X1360S+C6X125	30+160	40+200
6	二级和三级破碎模块 Secondary and Tertiary Crushing Module	MPC75	CS75	75	100
7		MPC100	HST100H	90	125
8		MPC160	HST160S/HST160H	132	200
9		MPC250	HST250S	220	300
10		MPC300	HPT300	220	300
11		MPC315	HST315H	315	450
12		MPC500	HPT500	400	500
13		MPF1214	PF1214	132	200
14		MPF1213CI	CI5X1213	200	250
15		MPF1315CI	CI5X1315	250/315	350/450
16		MPV9526	VSI9526	264	350
17		MPV1040	VSI6X1040	400	500
18	筛分模块 Screening Module	MPS1544	4Y1548	22	30
19		MPS1863	S5X1860-3	30	40
20		MPS1864	S5X1860-4	37	50
21		MPS2163	S5X2160-3	30	40
22		MPS2164	S5X2160-4	37	50
23		MPS2463	S5X2460-3	30	40
24		MPS2464	S5X2460-4	37	50
25	中转料仓模块 Transfer Hopper Module	MPH10	10m³	0.75×2	1×2
26		MPH20	20m³	0.75×2	1×2
27		MPH32	32m³	1.5×2	2×2

MK Semi-mobile Crusher and Screen (Skid-mounted)

MK系列破碎筛分站



1 介绍
Introduction

为满足客户对大型破碎产品及生产线快速安装、转场的双重需求，西芝持续研发新型一体式破碎筛分站。在现有NK移动站产品框架下，西芝开发出新一代MK系列破碎筛分站，实现生产线免基础或简约基础在平地组装，破碎设备及皮带机集成一体，占地空间更小，满足快速安装、投资少、大产量中大生产线的客户需求。

To meet customers' demand for large-scale crushers, and for quick installation and transition of projects, ZENITH has been continuously developing new integrated mobile crushing and screening plants.

MK Semi-mobile Crusher and Screen (Skid-mounted) is developed on the basis of NK Portable Crusher. It enables the assembly of the production line on the flat ground without the need for a concrete foundation or with only a simple foundation. The crusher and the belt conveyor on which are integrated, occupying a smaller space. It can totally meet the needs of customers for fast installation, low investment, and high productivity.

2 产品优势
Product Advantages

■ 免基础安装
Foundation Installation Not Required

每台破碎筛分模块有独立的框架支撑结构，与地面接触采用“雪橇式”大面积接触结构，可有效避免点接触的受力不均。只需保证底盘水平即可开始生产。

Each crushing and screening module is supported by an independent frame, which adopts skid-mounted structure to contact with ground as large as possible, effectively avoiding uneven force distribution in point contact. As long as the chassis is level, the production can be started.

■ 高品质主机
High-quality Machines

主机均采用西芝矿机研发设计的专用成熟主机，具有生产效率高、设备体积小、产量高、故障少、维护便捷、运行稳定可靠等特点。

All main machines are, developed and designed by ZENITH, specialized and mature, which feature high production efficiency, small volume, high output, few failures, convenient maintenance, and stable and reliable operation.

■ 集成模块化设计
Integrated Modular Design

相对于固定式生产线的分散的工艺布置，MK破碎筛分站整机集成化程度高，为客户节省大量的场地面积，减少投资额。也可以根据客户现场工况物料变化实现更换主机或组合增减设备模块，来适应不同市场的需求，或升级扩产已有生产线。

Compared to the dispersed process layout of stationary production lines, the MK Semi-mobile Crusher and Screen (Skid-mounted) has a high degree of integration, saving customers a lot of space and investment cost. It is also possible to replace the main machines or combine different modules to meet the needs of different markets based on changes in on-site working conditions and materials, or to upgrade existing production lines.

■ 自动润滑系统
Automatic Lubrication System

配置破碎机自动润滑系统，免除人工频繁加油，不仅有助于降低人力支出，也能极大地节省润滑油的成本。

It is equipped with an automatic lubrication system for the crusher, eliminating the need for frequent manual oiling, which not only saves labor cost, but also greatly reduces the cost of lubrication oil.

■ 快速投产
Rapid Production

整体采用集成模块化设计，主机及皮带机都集成在统一的模块底盘支架上，可以实现整体吊装及运输，实现整体快速组装实现12-48小时投产。

The MK adopts integrated modular design, with the crusher and the belt conveyor on which are integrated on a unified module chassis, so that they can be hoisted and transported as a whole, achieving rapid assembly and production within 12 to 48 hours.

■ 人性化的维保空间
Convenient Maintenance

框架式的设计为设备检修留有足够的检修空间，并配备检修平台，保障现场检修的便利性。

The framework design and the maintenance platform provide sufficient maintenance space, which ensures the convenience of on-site checks and maintenance.

■ 一体化自动电气控制
Integrated Automatic Electrical Control

用知名品牌的电气元器件，主机采用软起启动，辅机采用直接启动的方式。配置单独模块的“一键启动”和“一键停机”，便于现场人员操作。可选配西门子操控系统和可视化触摸屏操作，更加直观和智能化。

MK Semi-mobile Crusher and Screen (Skid-mounted) adopts electrical components from well-known brands and the main machine adopts a soft start while the auxiliary equipment adopts a direct start. The separate module can be started or stopped by only pressing one button. Meanwhile, Siemens control systems and visual touch screens are optional, which are more intuitive and intelligent.

■ 方便运输
Convenient Transportation

整机工作时展开，运输时可收缩，便于整体吊装采用平板车运输，减少拆装部件，节约安装时间。

It can be hoisted and transported as a whole, reducing the disassembly and installation time.

3 配置选型
Common Configurations

全车载皮带机生产线配置选型
Configuration examples when plants come with mobile belt conveyors

■ 中碎站配置循环筛（出3种成品）

Secondary crushing plant with a circular screen (3 kinds of products)



■ 整形制砂（颚破+圆锥+整形 +筛分）三种成品或四种成品

Aggregates reshaping or manufactured sand production plant（jaw+cone+vsi+screen）(3-4 kinds of products)



非车载皮带机生产线配置
Configuration examples when plants are without mobile belt conveyors

■ （颚破+圆锥/反击破+筛分）三种成品或四种成品

(jaw+cone/impactor+screen) 3-4 kinds of products





■ 大产量一个颚破站对应两台中碎筛分站

A jaw crushing plant corresponding to 2 secondary crushing and screening plants (for high capacity)



标准机型型号 Standard Model	配套设备 Corollary Equipment	配套设备 Corollary Equipment					最大整备处理量 Max. Capacity of the Plant	
	型号	型号	最大进料粒度		产量			
	Model	Model	Max.feed size		Capacity			
粗碎机型 Coarse Crushing Plant			(mm)	(inch)	(mtph)	(stph)	(mtph)	(stph)
MK75J	FK0936	PE750X1060	630	25 3/16"	110-250	121-275	120-280	132-308
MK90J	FK1142	PE900X1200	750	30"	150-300	165-330	150-320	165-352
MK110J	FK1142	C6X110	760	30 3/8"	160-400	176-440	160-420	176-462
MK125J	FK1345	C6X125	850	34"	240-600	264-660	240-650	264-715
MK1315C	FK1345	CI5X1315	700	28"	200-300	220-330	230-330	253-363
MK1415C	FK1345	CI5X1415	900	36"	300-500	330-550	300-500	330-550
中细碎与筛分站 Medium & Fine Crushing and Screening Plant								
MK160H	___	HST160S	300	8 3/4"	120-340	132-374	120-340	132-374
MK300H	___	HPT300	220	8 3/4"	190-380	209-418	190-380	209-418
MK300HS	SKX1536	HPT300	220	12"	190-380	209-418	190-380	209-418
MK500H	___	HPT500	300	12"	370-700	407-770	370-700	407-770
MK250H	___	HST250S	350	14"	200-450	220-495	200-450	220-495
MK1315I	___	PFW1315III	300	12"	150-280	165-308	180-300	198-330
MK1213I	___	CI5X1213	300	12"	150-280	165-308	180-300	198-330
MK9532V	___	VSI5X9532	45	1 3/4"	180-280	198-308	180-280	198-308
MK1145V	___	VSI5X1145	45	1 3/4"	250-360	275-396	250-360	275-396
MK1040V	___	VSI6X1040	40	1 5/8"	264-283	290-310	264-283	290-311
MK150S-3	___	3SKX1560	250	10"	60-250	66-275	60-250	66-275
MK200S-2	___	2SKX1860	300	12"	70-350	77-385	70-350	77-385
MK200S-3	___	3SKX1860	300	12"	70-350	77-385	70-350	77-385
MK300S-3	___	3SKX2160	300	12"	70-450	77-495	70-450	77-495
MK400S-3	___	3SKX2460	300	12"	70-450	77-495	70-450	77-495
MK500S-3	___	3SKX2475	300	12"	70-450	77-495	70-450	77-495
双座破碎筛分站 Crushing and Screening Plant with Separate Foundations								
MK160H-2M	3SKX1560	HST160H	180	7 3/16"	66-210	73-231	66-210	73-231
MK300H-2M	3SKX1860	HPT300	220	8 3/4"	190-380	209-418	190-380	209-418
MK250H-2M	3SKX2160	HST250H	215	8 5/8"	110-390	121-429	110-390	121-429
MK1213I-2M	3SKX1860	CI5X1213M	300	12"	150-250	165-275	150-250	165-275
MK1315I-2M	3SKX2160	CI5X1315	300	12"	180-300	198-330	180-300	198-330
MK9532V-2M	3SKX2160	VSI5X9532	40	1 5/8"	180-280	198-308	180-280	198-308
MK1040V-2M	3SKX2160	VSI6X1040	40	1 5/8"	264-283	290-311	264-283	290-311
MK1145V-2M	3SKX2160	VSI5X1145	45	1 3/4"	250-320	275-352	250-320	275-352
MK300H-2D	HST250	HPT300	360	8 3/4"	250-400	275-440	250-400	275-440
MK1040V-2D	HPT300	VSI6X1040	220	8 3/4"	160-230	176-253	160-230	176-253
组合一体机破碎筛分站 Combined Integrated Crushing and Screening Plant								
MKT70-4	FK0936 3SKX1545	PE500X750 PYB900	450	18"	40-60	44-66	50-70	55-77
MKT100-4	FK0936 3SKX1560	PE600×900 HST100H1	500	20"	35-110	39-121	70-120	77-132
MKT150-3	FK1142 3SKX1560	CI5X1213M	550	22"	100-170	110-187	120-190	132-209
MKT150-4	FK0936 3SKX1560	PE600×900 HST160H1	500	20"	65-160	72-176	100-170	110-187

MK

NK Series
Portable Crusher
轮胎式移动破碎站



1 介绍
Introduction

NK系列轮胎式移动破碎站是西芝在三十多年从事破碎筛分行业设计、生产、销售、服务经验的基础上，结合现代工业科技的发展，全新研发出的能满足客户多元化需求的高机动性,高灵活性的NK轮胎移动站，着力于为客户提供更全面、系统、灵活的模块化解决方案。

Based on over 30 years' experiences in design, production and service of crushing and screening machines, ZENITH have developed the NK Series Portable Crusher and Screen with higher efficiency. Via our continuous research, NK series portable plant has got higher performance and mobility, which enables us to serve our clients with more comprehensive, systematic and flexible solutions.

NK系列轮胎式移动破碎站装备了更高性能的专用主机设备，体积小处理能力强；车架采用了简约的直梁设计，配备可调固定式支腿，车架稳定性好，可快速安装及转场；配备大量车载带式输送机，连接转接更合理可靠，可快速安装使用；并采用了一体化电气控制系统，确保生产线高效稳定运行。

Equipped with ZENITH high-quality crushers, NK portable crusher can keep running much more stably and reach a higher capacity; the compact and modular trailer require a smaller area for installation; Moreover, we have adopted the adjustable supporting legs, built-in belt conveyors and integrated electric control system to reach two targets: Easier Setup and Faster Transportation.

2 产品优势
Product Advantages

■ 整体模块化设计 Overall product modularity

NK移动站产能覆盖100-500t/h，配置了30多个机型；整体采用模块化设计，通用互换性强，各种机型可以快速完成组装，降低生产周期，满足用户快速交货的需求。

NK portable crushers are able to meet 100-500t/h capacity production with more than 30 different models. It adopts the overall modular design, and can be easy to change between other parts. Various models can be quickly assembled, reducing the production time and meeting the needs of users for rapid delivery.



■ 可靠简约的车体 Solid and compact frame

NK移动站采用了更简约的设计理念，简化设备整体结构组成，车架采用直梁钢设计，增加了整体框架强度，设备可靠性和生产效率进一步提升。

NK portable crushers are engineered in simpler design and simplified infrastructure. Body frame adopts straight girder steel which increases high strength and improves equipment reliability and production efficiency.



■ 专用高性能主机 High-performance equiepment

为确保生产线的生产能效，降低维护难度，设备搭载了专为移动站研发定制的高性能主机，产能效率进一步提升，维护调整更方便，有效提升了生产线的产能及成品质量

In order to boost productivity and trouble-free operation, High-performance equiepment are specially designed for NK portable crusher, which can maximize productivity, make maintenance and adjustment more convenient, and effectively improve the capacity and the quality of final products.



■ 集成式全车载设计

设备所有部件完全机载，配套液压调节系统，运输无需拆卸部件，现场安装方便；皮带机车载装配，现场无需吊车和架设皮带机，整车设备安装移动灵活，可快速实现生产及转场。

■ Integrated vehicle design

All parts are vehicle-mounted and equipped with the hydraulic adjustment system. There is no need to dismantle parts for transportation, which is convenient for on-site installation. Vehicle-mounted belt conveyors also facilitate flexible installation and movement. No need for cranes and erecting belt conveyors, which can quickly finish production and transition.





运输状态 Transport status



生产状态 Production status

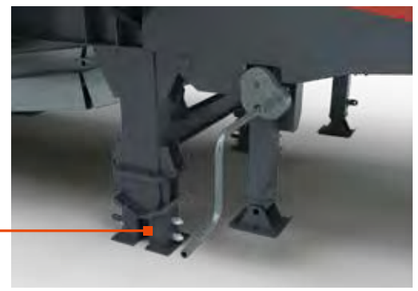
■ 免混凝土基础安装

为真正实现免混凝土基础，NK移动站在优化整车稳定性的同时，配置了合理的可调固定式支腿，也可配置液压支腿，只需夯实安装面，支腿固定即可满足生产，切实实现无基础安装。

■ Concrete-free Foundation

Since the installation of NK Portable Crusher doesn't need concrete foundation, the vehicle body's stability is strengthened. Meanwhile, adjustable fixed legs and hydraulic legs are optional. Users only need to keep the ground solid and flat, and fix legs. Then the equipment can run.





■ 一体化控制系统 Integrated Control System

NK移动站采用全新的车载一体化自动控制系统，配置西门子PLC集中控制，并设置简单明了的触摸屏设计，采用“一键启动”和“一键停机”，真正实现自动化生产，设备可以按照设定的顺序及时间，按要求启动与停止，有效保护设备，降低设备的故障率。

NK portable crushers adopt integrated automated control system, SIEMENS PLC centralized control, and set up a simple and clear touch screen design, using "one key start" and "one key stop" to truly realize automatic production, the equipment can be started and stopped according to the set order and time, maximize the protection of the equipment and greatly reduce the malfunction rate of the equipment.



ZENITH MINERAL

设备型号	给料筛分设备	破碎设备	皮带机	料仓容量	最大进料粒度		工作尺寸
Model	Feeder & Screen	Crushing equipment	Belt conveyors	Hopper volume	Max.feed size		Working dimensions
粗碎移动站 Portable coarse crushing plant				(m^3)	(mm)	(inch)	(mm)
NK69J	FK0936	PE600×900	B1000×9m	6	500	20"	13189×3852×4036
NK75J	FK0936	PE750X1060	B1000×9m	6	630	25 3/16"	13189×3852×4396
NK90J	FK1142	PE900X1200	B1200×9m	9	750	30"	14488×5780×5200
NK100J	FK0936	C6X100	B1000×9m	6	630	25 3/16"	13189×3852×4016
NK110J	FK1142	C6X110	B1200×9m	9	720	28 3/4	13638×4160×4930
NK125J	FK1345	C6X125	B1200×11.8m	11	800	32"	13800×3000×4500
NK1213CS	FK1142/SKX1536	CI5X1213	B1000×8.4m	9	550	22"	16944×2324×5563
NK1315CS	FK1345/SKX1845	CI5X1315	B1200×11.6m	11	600	24"	16944×2324×5563
NK1415CS	FK1345/SKX1845	CI5X1415	B1200×11.6m	11	900	36"	19350×3000×4450
中细碎移动站 Portable medium and fine crushing plant							
NK160HS	SKX1536	HST160H	B1000×8.4m	3	185	7 3/8"	17914×3354×4700
NK300H	——	HPT300	B1000×8.4m	3	220	8 3/4"	15020×3290×4980
NK300HS	SKX1536	HPT300	B1000×8.4m	3	220	8 3/4"	17650×3420×4916
NK500HS	SKX1845	HPT500	B1200×10.8m	3	300	12"	19890×3650×5603
NK1214IS	SKX1536	PFW1214III	B1000×8.4m	3	250	10"	17650×3420×4556
NK1315IS	SKX1536	PFW1315III	B1000×8.4m	3	300	12"	17650×3420×4800
NK1213IS	SKX1536	CI5X1213	B1000×8.4m	3	300	12"	17650×3420×4556
整形制砂移动站 Portable sand-making and shaping plant							
NK9532V	——	VSI5X9532	B1000×8.4m	3	40	1 5/8"	15536×3350×4674
NK1145V	——	VSI5X1145	B1200×8.4m	3	45	1 3/4"	15536×3350×4970
NK1040V	——	VSI6X1040	B1200×8.4m	3	45	1 3/4"	15536×3350×4874
筛分移动站 Portable screening plant							
NK150S-3	3SKX1560	——	B1000×8m	——	250	10"	14500×15440×6740
NK200S-2	2SKX1860	——	B1200×8m	——	300	12"	14500×15440×6206
NK200S-3	3SKX1860	——	B1200×8m	——	300	12"	14500×15440×6740
NK300S-3	3SKX2160	——	B1200×8m	——	300	12"	14500×16040×6740
NK400S-3	3SKX2460	——	B1400×8m	——	300	12"	14500×16340×6740
NK500S-3	3SKX2475	——	B1400×9.5m	——	300	12"	14950X15740X7580
中碎筛分移动站 Portable medium crushing and screening plant							
NK160H-2M	3SKX1560	HST160H	B1000×8m	——	180	7 3/16"	15562×3300×7114
NK300H-2M	3SKX1860	HPT300	B1200×8m	——	220	8 3/4"	15562×3500×7114
NK250H-2M	3SKX2160	HST250H	B1200×8m	——	215	8 5/8"	16100×3800×7114
NK1214I-2M	3SKX1560	PFW1214III	B1000×8m	——	250	10"	16605×3200×7100
NK1213I-2M	3SKX1860	CI5X1213	B1200×8m	——	300	12"	16605×3500×7100
NK1315I-2M	3SKX2160	CI5X1315	B1200×8m	——	300	12"	16439×3800×7120
NK8522V-2M	3SKX1860	VSI5X8522	B1200×8m	——	35	1 3/8"	15680×3650×6565
NK9532V-2M	3SKX2160	VSI5X9532	B1200×8m	——	40	1 5/8"	16680×3950×6710
NK1040V-2M	3SKX2160	VSI6X1040	B1200×8m	——	40	1 5/8"	16680×3950×7110
NK1145V-2M	3SKX2160	VSI5X1145	B1200×8m	——	45	1 3/4"	16680×3950×7110
一体式移动站 Portable All-In-One crushing plant							
NKT70-4	FK0936/3SKX1545	PE500X750 PYB900	B650×10.5m	6	425	17"	19671×14360×7420
NKT100-4	FK0936/3SKX1560	PE600×900 HST100	B800×10.5m	6	500	20"	20160×14360×7524
NKT150-3	FK1142/3SKX1560	CI5X1213	B800×8.2m	9	550	22"	20160×14360×7524
NKT150-4	FK0936/3SKX1560	PE600×900 HST160	B800×10.5m	6	500	20"	20160×14360×7524

VT Series Track-Mounted Mobile Crusher

履带式移动破碎站



1 介绍
Introduction

上海西芝履带式移动破碎站是在多年的移动式破碎站的研发和生产的经验基础上，为满足更高的用户需求，吸收国外先进的移动破碎技术开发完成的全液压履带式移动破碎站。上海西芝履带式移动破碎站突破了以往的电驱动模式，采用液压等无强电方式驱动和控制履带行走、设备安装和工作，能源利用效率更高；同时，设备搭载了上海西芝推出的主机设备，生产效率更高，给用户创造更大的价值。

Based on years' experience in developing and fabricating the mobile crushing plant, the purpose of meeting the higher needs of customers, through absorbing the world's most advanced technology, ZENITH develops the hydraulic-driven track mobile crushing and screening plant. ZENITH's track mobile crushing and screening plant breaks through the traditional electrical driving mode and takes advantage of the hydraulic system to control crawler running, equipment installation and working, becomes more energy efficient; the mobile crushing plant equipped with ZENITH's most advanced machines could be much more productive and create more value for customers.

2 产品优势
Product Advantages

设备稳定，效率更高
Stable and Reliable
More Efficient

液压操控，稳定节能
Hydraulic Control Stability and Energy Saving

动力强劲，机动灵活
Strong Power
Convenient Operation

配置灵活，应用广泛
Flexible Configuration
Wide Application

3 规格与性能参数表
Specifications

粗碎颚破履带站 TRACKED MOBILE PRIMARY JAW CRUSHING STATION

设备型号 Model	最大喂料尺寸 Max.Feed Size	料仓容积 Hopper capacity (m³)	进口尺寸 Feed Opening	喂料高度 Feed Height	处理能力 Capacity (mtph)	(stph)	动力单元 Power Unit (kW)	重量 Weight
VTJ0960DP	480mm (19")	5	900x600mm (35"x24")	3,500mm (137.8")	130-280	143-308	Stage IIIA/IV & Euro IIIA/IV: Cummins 200	42,000 kg (92,400 lbs)
VTJ1170DP	570mm (22.4")	8	1060x700mm (42"x28")	4,300mm (169")	230-360	253-396	Stage IIIA/IV & Euro IIIA/IV: Cummins 250	46,000 kg (101,200 lbs)
VTJ1180DP	630mm (24.8")	8	1160x760mm (46"x30")	4,300mm (169")	280-460	308-506	Stage IIIA/IV & Euro IIIA/IV: Cummins 300	55,000 kg (121,000 lbs)

中细碎筛分履带站 TRACKED MOBILE FINE CRUSHING & SCREENING STATION

设备型号 Model	最大喂料尺寸 Max.Feed Size	破碎机 Cone Crusher	返料筛 Return Screen	喂料高度 Feed Height	处理能力 Capacity (mtph)	(stph)	动力单元 Power Unit (kW)	重量 Weight
VTC2000DP	170mm (6.7")	VHC200	4800x1800mm (189"x71")	2,800mm (110")	140-220	154-242	Stage IIIA/IV & Euro IIIA/IV: Cummins 400	50,000 kg (110,000 lbs)
VTC3000DP	240mm (9.5")	VHC300	5000x1700mm (197"x67")	3,000mm (118")	220-300	242-330	Stage IIIA/IV & Euro IIIA/IV: Cummins 500	58,000 kg (127,600 lbs)

原料预筛分履带站 TRACKED MOBILE RAW MATERIALS PRE-SCREENING STATION

设备型号 Model	振动筛 Vibrating screen	筛箱尺寸 Screen Box Size	筛箱层数 Number of screen decks	料仓容积 Hopper capacity (m³)	处理能力 Capacity (mtph)	(stph)	动力单元 Power Unit (kW)	重量 Weight
VTR5015DP	VR5015	5000x1500mm (197"x59")	2	6	200-600	220-660	Stage IIIA/IV & Euro IIIA/IV: Cummins 148	34,000 kg (74,800 lbs)
VTR6018DP	VR6018	6000x1800mm (236"x71")	2	9	350-600	385-660	Stage IIIA/IV & Euro IIIA/IV: Cummins 183	41,000 kg (90,200 lbs)

成品筛分履带站 TRACKED MOBILE FINISHED PRODUCTS SCREENING STATION

设备型号 Model	振动筛 Vibrating screen	筛箱尺寸 Screen Box Size	筛箱层数 Number of screen decks	栅格料仓容积 Grizzly Hopper capacity (m³)	处理能力 Capacity (mtph)	(stph)	动力单元 Power Unit (kW)	重量 Weight
VTS5015DPS	VS5015	5000*1500mm (197"x59")	2	6	150-390	165-429	Stage IIIA/IV & Euro IIIA/IV: Cummins 110	32,000 kg (70,400 lbs)
VTS6018DPS	VS6018	6000*1800mm (236"x71")	3	8	180-450	198-495	Stage IIIA/IV & Euro IIIA/IV: Cummins 183	38,000 kg (83,600 lbs)
VTS7020DPS	VS7020	7000*2000 (276"x79")	3	9	220-500	242-550	Stage IIIA/IV & Euro IIIA/IV: Cummins 183	41,000 kg (90,200 lbs)



VU Aggregate Optimization System

骨料优化系统

1 介绍
Introduction

VU系列骨料优化系统是干式制砂系统，采用高度集约的塔楼式全封闭布置，集高效制砂、粒型优化、石粉控制、级配调整、含水率控制、环保处理于一体，不仅显著提高了生产效率，更实现了机制砂粒型、级配、含粉量等各项指标的全面提升，使机制砂的性能媲美天然砂，为砂石、水泥、混凝土产业链的发展创造新的机会和价值。

As the top of dry type sand making system in the world, the VU series aggregate optimization system adopts highly intensive tower-type and fully-enclosed configurations integrating high efficient sand making, grain shape optimization, fine aggregate control, grading adjustment, moisture content control and environmental protection treatment, which has not only greatly improved the production efficiency, but also comprehensively improved all indicators of machine-made sand, such as grain shape, grading and powder contents, so that the machine-made sand performance could be comparable to the natural sand to create new opportunities and values for the development of the sand, cement and concrete industrial chain.

2 产品优势
Product Advantages

成品砂品质高
Superior product cubicity

级配可调可控
Adjustable and controllable gradation

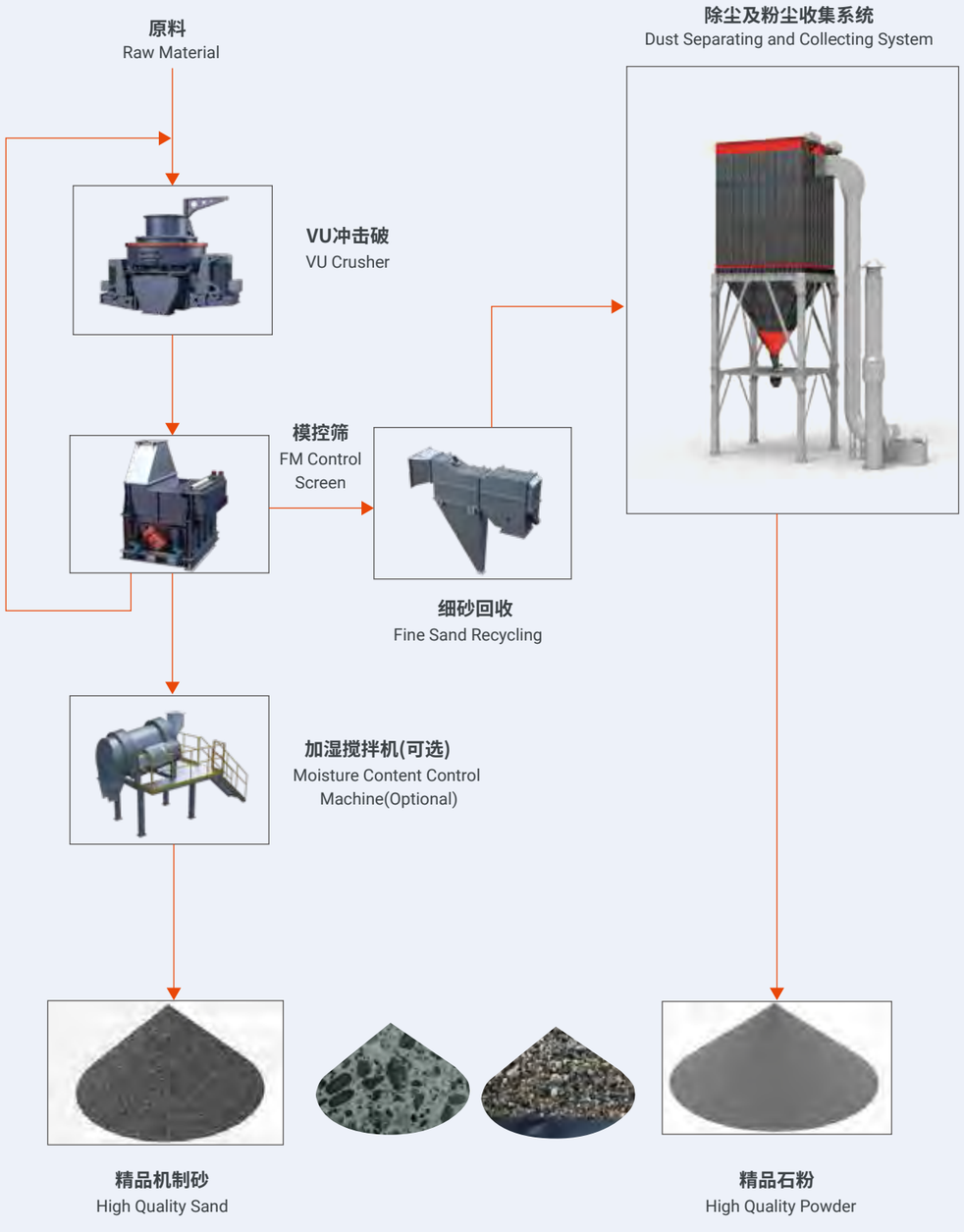
环保指标出色
Excellent environ-ment-friendly

自动化程度高
High degree of automation

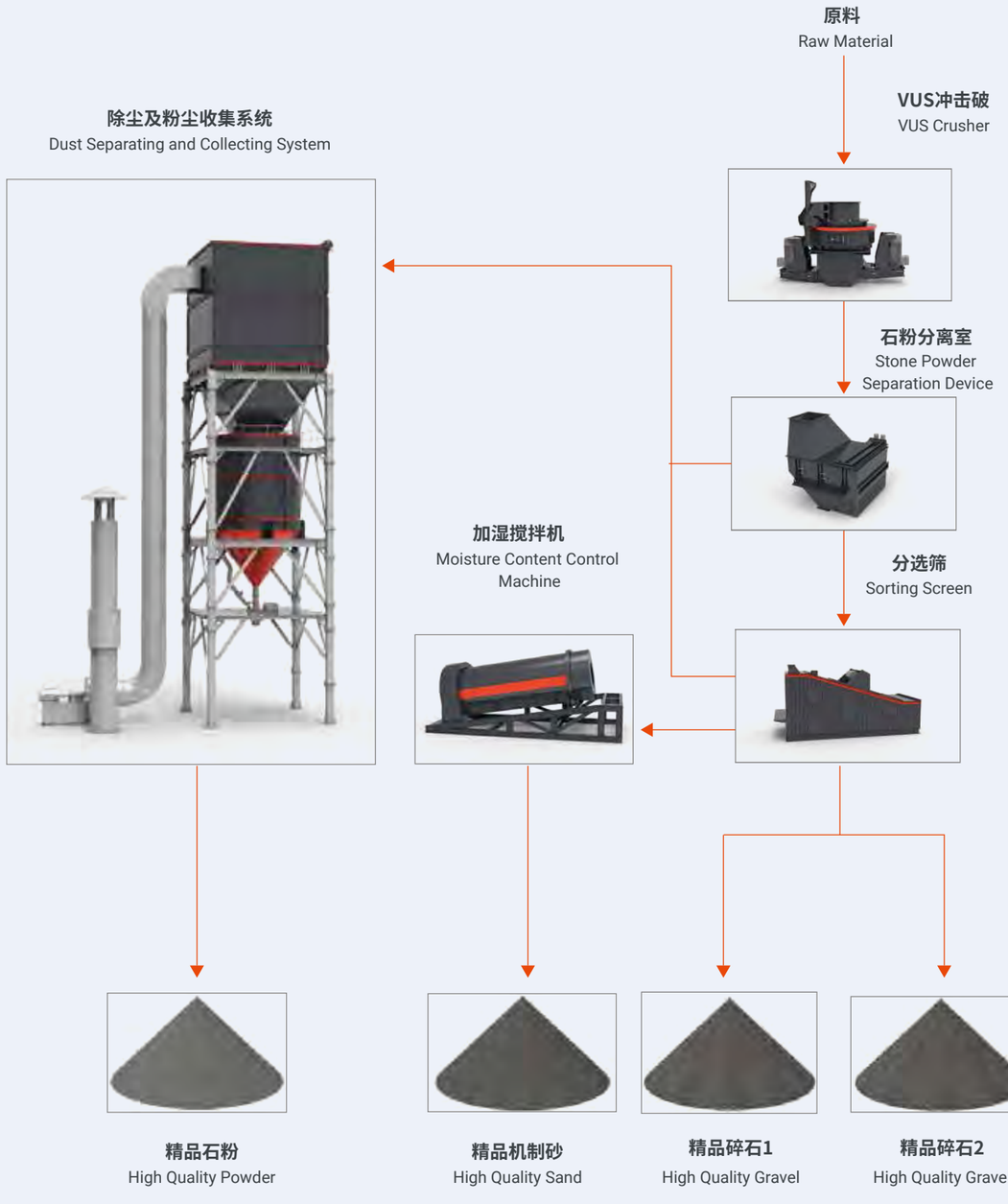
3 规格与性能参数表
Specifications

型号	入料粒度		最大投入量				石粉含量(可调)	装机功率		外形尺寸
Model	Feeding size		Capacity				Rock-powder content (adjustable)	Power		Overall dimension
			制砂		整形制砂					
			Sand making		Reshaping & Sand making					
VU Series	(mm)	(inch)	(mtph)	(stph)	(mtph)	(stph)	(/)	(kw)	(hp)	(mm)
VU100	0-25	0-1"	80-100	88-110	--		3-15%	~680	900	19000×10500×22400
VU150	0-25	0-1"	125-150	138-165	--		3-15%	~995	1300	21900×11300×22900
VU300	0-25	0-1"	240-300	264-330	--		3-15%	~1990	2600	25000×15200×22900
VUS301	0-40	0-2"	100	110	300	330	3-15%	~622	800	21000×8000×27500
VUS501	0-40	0-2"	150	165	550	605	3-15%	~966	1200	21000×10000×30200

VU结构组成
Main Structure



VUS结构组成
Main Structure





S5X Series
Vibrating Screen
振动筛



1 介绍
Introduction

为解决传统振动筛效率低、寿命短、污染大等问题，公司经过数千家矿山破碎筛分现场的实地调查、30余年的实地工程经验、研发工程师团队多年积累探索创新，成功打造出完美解决传统振动筛问题、满足客户需求的S5X系列振动筛。

S5X系列振动筛整体均采用创新性的模块化设计、有限元动态分析框架结构，因而赋予设备较强的抗疲劳性、提高设备的可靠性；结合高振动强度、SV激振器，就充分保证了设备在振动筛分作业时的高产、高效、低成本。

To solve problems of the traditional vibrating screens such as low efficiency, short service life and serious pollution, ZENITH has successfully created the S5X screens which can perfectly meet customers demands by its site surveys of mine crushing and screening sites, over 30 years' field engineering experience, accumulation, exploration and innovation of its R&D teams.

On the whole, the S5X screens have adopted an innovative modular design and a finite element dynamic analysis framework, thus improving the fatigue resistance and reliability of the equipment; In addition, the high vibration intensity and SV vibrator can fully guarantee the high capacity, high efficiency and low costs during operation.



2 产品优势
Product Advantages

1. **SV模块化激振器可靠、高效、便捷**
   Reliable, efficient and convenient SV vibrator.





2. **挠性传动**
   Flexible drive

3. **应对重型工况的扭剪型高强度螺栓**
   High strength torsion shear bolts for heavy duty working condition





4. **耐磨损耐冲击的橡胶衬板**
   Wear-resistant and impact-resistant rubber liners

ZENITH MINERAL

3 规格与性能参数表

Specifications

型号	筛面规格		面积		层数	筛面倾角	筛孔尺寸	最大给料粒度		振动次数	双振幅	处理能力		功率		激振器	外形尺寸
Model	Deck dimension		Area		Decks	Inclined Angle	Sieve size	Maximum feed size		Vibrating frequency	Double amplitude	Capacity		Power		SV Vibrator	Overall dimension
S5X Series	(mm)	(ft)	(m²)	(ft²)	(/)	(°)	(mm)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
S5X1545-2	1500×4500	5×15	6.75	75	2	18(18-25)	2-70	200	8"	800-900	7-12	45-380	50-418	11	15	SV1×2	4796×3190×2829
S5X1545-3	1500×4500	5×15	6.75	75	3	18(18-25)	2-70	200	8"	800-900	7-12	45-380	50-418	15	20	SV1×2	4796×3190×3407
S5X1845-2	1800×4500	6×15	8.1	90	2	18(18-25)	2-70	200	8"	800-900	7-12	60-450	66-495	15	20	SV1×2	4797×3490×2853
S5X1845-3	1800×4500	6×15	8.1	90	3	18(18-25)	2-70	200	8"	800-900	7-12	60-450	66-495	22	30	SV2×2	4797×3623×3431
S5X1860-2	1800×6000	6×20	10.8	120	2	18(18-25)	2-70	200	8"	800-900	7-10	75-600	83-660	15	20	SV1×2	6223×3607×3437
S5X1860-3	1800×6000	6×20	10.8	120	3	18(18-25)	2-70	200	8"	800-900	7-12	75-600	83-660	30	40	SV3×2	6223×3648×4016
S5X1860-4	1800×6000	6×20	10.8	120	4	18(18-25)	2-70	200	8"	800-900	7-12	75-600	83-660	37	50	SV4×2	6223×3670×4436
S5X2160-2	2100×6000	7×20	12.6	140	2	18(18-25)	2-70	200	8"	800-900	7-12	85-700	94-770	22	30	SV2×2	6223×3907×3437
S5X2160-3	2100×6000	7×20	12.6	140	3	18(18-25)	2-70	200	8"	800-900	7-12	85-700	94-770	30	40	SV3×2	6223×3948×4016
S5X2160-4	2100×6000	7×20	12.6	140	4	18(18-25)	2-70	200	8"	800-900	7-11	85-700	94-770	37	50	SV4×2	6223×3970×4436
S5X2460-2	2400×6000	8×20	14.4	160	2	18(18-25)	2-70	200	8"	800-900	7-12	100-800	110-880	22	30	SV2×2	6223×4207×3437
S5X2460-3	2400×6000	8×20	14.4	160	3	18(18-25)	2-70	200	8"	800-900	7-11	100-800	110-880	30	40	SV3×2	6223×4248×4016
S5X2460-4	2400×6000	8×20	14.4	160	4	18(18-25)	2-70	200	8"	800-900	7-10	100-800	110-880	37	50	SV4×2	6223×4270×4436
S5X2760-2	2700×6000	9×20	16.2	180	2	18(18-25)	2-70	200	8"	800-900	7-12	120-900	132-990	30	40	SV3×2	6223×4550×3469
S5X2760-3	2700×6000	9×20	16.2	180	3	18(18-25)	2-70	200	8"	800-900	7-11	120-900	132-990	37	50	SV4×2	6223×4570×4038
S5X3072-2	3000×7200	10×24	21.6	240	2	20(20-25)	2-70	200	8"	800-900	7-11	150-1200	165-1320	37	50	SV4×2	7277×4820×4238
S5X3075-2T	3000×7200	10×24	21.6	240	2	20(20-25)	2-150	300	12"	800-900	7-12	180-1800	198-1980	22×2	30×2	SV2×4	7419×4909×4298
S5X3075-3T	3000×7200	10×24	21.6	240	3	20(20-25)	2-150	300	12"	800-900	7-12	180-1800	198-1980	30×2	40×2	SV3×4	7419×4930×5069
S5X3680-2T	3600×7500	12×25	27	300	2	21(20-25)	2-150	300	12"	800-900	7-12	225-2250	248-2475	30×2	40×2	SV3×4	7923×5540×4267
S5X3680-3T	3600×7500	12×25	27	300	3	20(20-25)	2-150	300	12"	800-900	7-12	225-2250	248-2475	37×2	50×2	SV4×4	7844×5601×5308
S5X3685-2T	3600×8250	12×27	29.7	324	2	21(20-25)	2-150	300	12"	800-900	7-12	250-2500	275-2750	37×2	50×2	SV3×4	8623×5540×4536
S5X3685-3T	3600×8250	12×27	29.7	324	3	20(20-25)	2-150	300	12"	800-900	7-12	250-2500	275-2750	45×2	60×2	SV4×4	8549×5601×5564
S5X3885-2T	3800×8250	12×27	31.35	324	2	21(20-25)	2-150	300	12"	800-900	7-12	265-2650	292-2915	45×2	60×2	SV3×4	8623×5740×4536
S5X3885-3T	3800×8250	12×27	31.35	324	3	20(20-25)	2-150	300	12"	800-900	7-12	265-2650	292-2915	45×2	60×2	SV4×4	8549×5801×5564
YK Series	(mm)	(ft)	(m²)	(ft²)	(/)	(°)	(mm)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
2YK1237	1200×3700	4×12	4.44	48	2	20	3-50	200	8"	970	8	7.5-80	8-88	15	20	--	4010×2250×2660
3YK1237	1200×3700	4×12	4.44	48	3	20	3-50	200	8"	970	8	7.5-80	8-88	15	20	--	4010×2250×3410
2YK1548	1500×4800	5×16	7.2	80	2	20	5-50	400	16"	970	8	50-208	55-229	15	20	--	5120×2590×3060
3YK1548	1500×4800	5×16	7.2	80	3	20	5-50	400	16"	970	8	50-250	55-275	15	20	--	5120×2590×3540
2YK1848	1800×4800	6×16	8.64	96	2	20	5-80	400	16"	970	8	75-600	83-660	18.5	25	--	5120×2950×3060
3YK1848	1800×4800	6×16	8.64	96	3	20	5-80	400	16"	970	8	75-600	83-660	18.5	25	--	5120×2950×3540
2YK1860	1800×6000	6×20	10.8	120	2	20	5-80	400	16"	970	8	75-600	83-660	18.5	25	--	6260×2950×3480
3YK1860	1800×6000	6×20	10.8	120	3	20	5-80	400	16"	970	8	85-700	94-770	22	30	--	6260×2990×3960
2YK2160	2100×6000	7×20	12.6	140	2	20	5-150	400	16"	730	6-8	85-700	94-770	22	30	--	6270×3410×3670
3YK2160	2100×6000	7×20	12.6	140	3	20	5-150	400	16"	730	6-8	85-700	94-770	30	40	--	6270×3470×4100
2YK2460	2400×6000	8×20	14.4	160	2	20	5-150	400	16"	730	6-8	100-800	110-880	30	40	--	6270×3770×3610
3YK2460	2400×6000	8×20	14.4	160	3	20	5-150	400	16"	730	6-8	100-800	110-880	37	50	--	6270×3790×4100

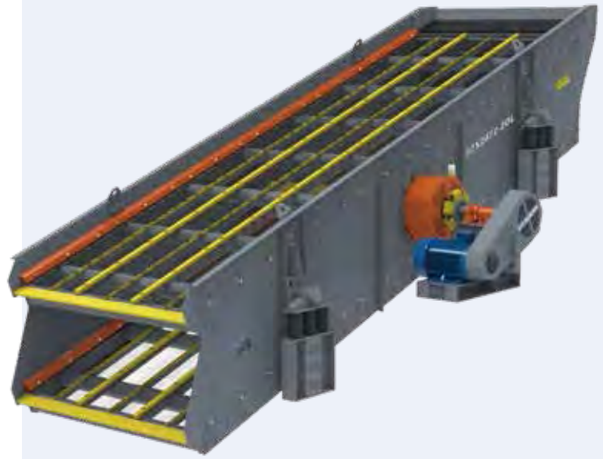
备注:以上数据针对常规松散密度为 1.6t/m³ 物料，干式筛分应用；数据仅供参考，设备处理能力与物料特性、给料粒度及分布、含水量、给料方法、筛网类型、筛孔尺寸、安装角度等因素相关，不同应用工况会存在差异，具体应用请与我司技术中心联系。

NOTE: The above data is for materials with a conventional bulk density of 1.6 t/m³ and for dry screening applications. The data is provided for reference only. Equipment capacity is related to material characteristics, feed size and distribution, moisture content, feeding methods, screen type, mesh size, installation angle, and other factors. Different application conditions may lead to variations. For specific applications, please contact our technical center.

Vibrating Screen

S7X Series Thin-oil Vibrating Screen

稀油振动筛



1 介绍 Introduction

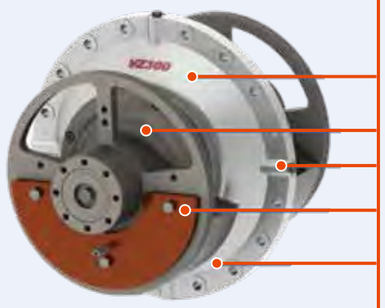
作为S5X系列的升级产品，S7X系列振动筛继承了S5X系列一贯的优秀品质，集匠心、艺术于一体，是一款理想的圆振动筛。

S7X不仅拥有经ANSYS结构分析设计的超重型筛框，CNC激光下料、模块化装配制造技术，聚氨酯/橡胶防磨缓冲衬、挠性驱动、节能高效电机、SKF振动筛专用轴承等高配置，其核心亮点也在于采用目前国际先进技术的VZ油浴式模块化振动器，整体拆装维护只需一小时，润滑维护周期长达1000小时。

The S7X Thin-oil Vibrating Screen, an upgraded version of the S5X series, inherits the exceptional quality and stands as the most optimal circular vibrating screen to date.

The S7X boasts a multitude of high-end features, including arobust screen frame meticulously designed by using ANSYS structural analysis, CNC laser cutting, and modular assembly and manufacturing technology. It also incorporates PU and rubber liners, flexible couplings for efficient power transmission, an energy-saving motor, SKF bearings, and other top-notch components. Meanwhile, its core highlight lies in the modular VZ oil-bath vibrator, which adopts cutting-edge international technology. The overall disassembly and maintenance only takes one hour, and the lubrication and maintenance cycle is up to 1000 hours.

2 产品优势 Product Advantages



浓缩设计，小体积、大激振力
The design is compact with a small volume but generates a large exciting force.

三重密封杜绝稀油泄露风险 (无骨架油封)
It features a triple seal system that effectively eliminates the risk of thin oil leakage (without the need for framework oil seal).

外接油位指示更灵活
External oil level indicator is more flexible.

借鉴SV激振器的偏心块设计，配置平衡盘方便正反配重，加工、安装也方便
Taking inspiration from the eccentric block design of the SV exciter, the adoption of a balance plate facilitates convenient adjustment of forward and reverse counterweights during processing and installation.

内置储油池，润滑周期1000h以上
It comes equipped with an internal oil storage tank, ensuring a lubrication cycle of over 1000 hours.

3 规格与性能参数表 Specifications

型号	筛面规格		面积		层数	筛面倾角	筛孔尺寸	最大给料粒度		振动次数	振幅	处理能力		功率		激振器	外形尺寸
Model	Deck dimension		Area		Decks	Inclined Angle	Sieve size	Maximum feed size		Vibrating frequency	Stroke	Capacity		Power		VZ Vibrator	Overall dimension
S7X Series	(mm)	(ft)	(m²)	(ft²)	(/)	(°)	(mm)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
S7X1545-2	1500×4500	5×15	6.75	75	2	18(18-25)	2-100	200	8"	800-900	7-12	45-380	50-418	11	15	VZ100×2	4796×3357×2829
S7X1545-3	1500×4500	5×15	6.75	75	3	18(18-25)	2-100	200	8"	800-900	7-12	45-380	50-418	15	20	VZ100×2	4796×3357×3407
S7X1845-2	1800×4500	6×15	8.1	90	2	18(18-25)	2-100	200	8"	800-900	7-12	60-450	66-495	15	20	VZ100×2	4797×3357×2853
S7X1845-3	1800×4500	6×15	8.1	90	3	18(18-25)	2-100	200	8"	800-900	7-12	60-450	66-495	22	30	VZ200×2	4797×3407×3431
S7X1860-2	1800×6000	6×20	10.8	120	2	18(18-25)	2-100	200	8"	800-900	7-10	75-600	83-660	15	20	VZ200×2	6370×3707×3460
S7X1860-3	1800×6000	6×20	10.8	120	3	18(18-25)	2-100	200	8"	800-900	7-12	75-600	83-660	30	40	VZ200×2	6370×3707×4039
S7X2460-2	2400×6000	8×20	14.4	160	2	18(18-25)	2-100	200	8"	800-900	7-12	100-800	110-880	22	30	VZ200×2	6370×4307×3460
S7X2460-3	2400×6000	8×20	14.4	160	3	18(18-25)	2-100	200	8"	800-900	7-11	100-800	110-880	30	40	VZ300×2	6370×4363×4243
S7X2760-2	2700×6000	9×20	16.2	180	2	18(18-25)	2-100	200	8"	800-900	7-12	120-900	132-990	30	40	VZ300×2	6373×4663×3607
S7X2760-3	2700×6000	9×20	16.2	180	3	18(18-25)	2-100	200	8"	800-900	7-11	120-900	132-990	37	50	VZ300×2	6373×4663×4232
S7X3072-2	3000×7200	10×24	21.6	240	2	20(20-25)	2-100	200	8"	800-900	7-11	150-1200	165-1320	37	50	VZ300×2	7472×4963×4280
S7X3075-2T	3000×7200	10×24	21.6	240	2	20(20-25)	2-150	300	12"	800-900	7-12	180-1800	198-1980	22×2	30×2	VZ200×4	7419×5011×4383
S7X3075-3T	3000×7200	10×24	21.6	240	3	20(20-25)	2-150	300	12"	800-900	7-12	180-1800	198-1980	30×2	40×2	VZ300×4	7419×5062×5069
S7X3680-2T	3600×7500	12×25	27	300	2	21(20-25)	2-150	300	12"	800-900	7-12	225-2250	248-2475	30×2	40×2	VZ300×4	7923×5691×4267
S7X3680-3T	3600×7500	12×25	27	300	3	20(20-25)	2-150	300	12"	800-900	7-12	225-2250	248-2475	37×2	50×2	VZ300×4	7844×5691×53058
S7X3685-2T	3600×8250	12×27	29.7	324	2	21(20-25)	2-150	300	12"	800-900	7-12	250-2500	275-2750	37×2	50×2	VZ300×4	8623×5691×4536
S7X3685-3T	3600×8250	12×27	29.7	324	3	20(20-25)	2-150	300	12"	800-900	7-12	250-2500	275-2750	45×2	60×2	VZ300×4	8549×5691×5564

TS Series
Horizontal Screen
水平筛



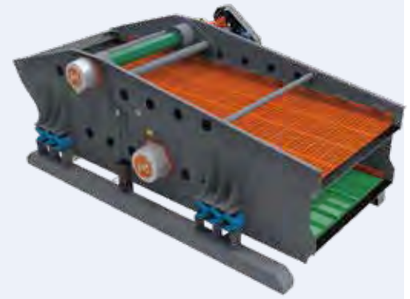
1 介绍
Introduction

TS系列水平筛是我司在研究自动步振动技术基础上开发的一款具有高能椭圆运动轨迹的水平筛，与同规格常规振动筛相比，TS水平筛的筛分能力可提高25%。它被广泛应用于安装高度限制的干、湿场合筛分，也适用于对筛分效率要求更高的精细筛分场合。

Based on extensive research on automatic step vibration technology, our company has developed the TS Horizontal Screen. This screen features a high-energy elliptical motion trajectory, resulting in a 25% increase in screening capacity compared to conventional vibrating screens of the same specifications. It is suitable for both dry and wet screening applications with restricted installation height and is particularly effective for fine screening that demands higher efficiency.

2 产品优势
Product Advantages

- **配置SV模块化超能激振器，可靠、高效、便捷；**
  Equipped with SV Modular Super-energy Vibrator, TS Screen is reliable, highly-efficient, and convenient;
- **配置SV模块化超能激振器，可靠、高效、便捷；**
  The vibration intensity reaches up to 5G, resulting in a 25% higher screening efficiency compared to conventional screens.
- **采用一大一小两个振动源，双轴自同步理论，实现椭圆振动轨迹，无齿轮结构，无稀油泄露隐患；**
  A big and a small vibrator are used simultaneously which the two shafts drive the vibrating screen in an elliptical curve. This design eliminates the need for gear structures and eliminates the risk of oil leakages.
- **筛框结构采用有限元动态分析，侧板无任何焊点；**
  The screen frame has been designed by FEM dynamic analysis and the side plates are free of any welding points.
- **挠性驱动、橡胶减震、聚氨酯或橡胶防护衬等高配置；**
  The screen makes many breakthroughs like adopting flexible couplings for power transmission, rubber springs for buffering, and Polyurethane or rubber for protecting liners.
- **大层距设计，维护便捷；**
  Larger gap between decks makes the maintenance much easier.



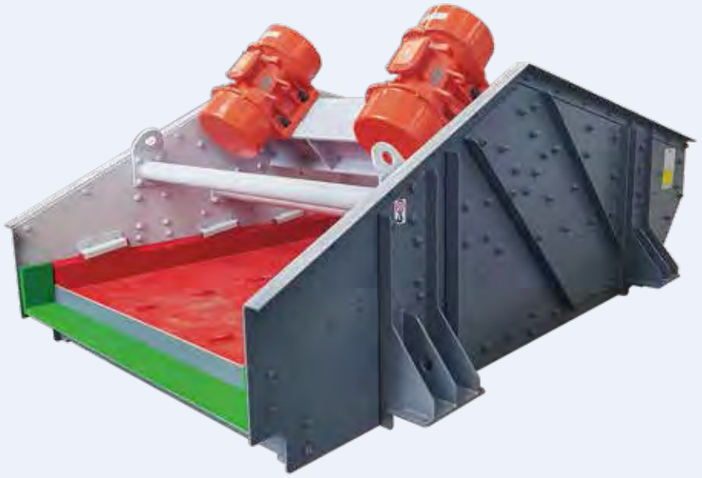


3 规格与性能参数表
Specifications

型号	筛面规格		面积		层数	筛面倾角	筛孔尺寸	最大给料粒度		振动次数	振幅	处理能力		功率		激振器	外形尺寸
Model	Deck dimension		Area		Decks	Inclined Angle	Sieve size	Maximum feed size		Vibrating frequency	Stroke	Capacity		Power		SV Vibrator	Overall dimension
TS Series	(mm)	(ft)	(m²)	(ft²)	(/)	(°)	(mm)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
TS1848-2	1870×4880	6×16	9.13	96	2	0(0-10)	2-45	200	8"	800-900	8-15	60-450	66-495	15/22	20/30	SV1+SV2	5658×3672×2116
TS1848-3	1870×4880	6×16	9.13	96	3	0(0-10)	2-45	200	8"	800-900	8-15	60-450	66-495	15/22	20/30	SV1+SV2	5658×3672×2771
TS1861-2	1870×6100	6×20	11.41	120	2	0(0-10)	2-45	200	8"	800-900	8-15	75-600	83-660	15/30	20/40	SV1+SV3	6878×3672×2156
TS1861-3	1870×6100	6×20	11.41	120	3	0(0-10)	2-45	200	8"	800-900	8-15	75-600	83-660	15/30	20/40	SV1+SV3	6878×3672×2811
TS2461-2	2480×6100	8×20	15.13	160	2	0(0-10)	2-45	200	8"	800-900	8-15	100-800	110-880	22/37	30/50	SV2+SV4	6878×4272×2306
TS2461-3	2480×6100	8×20	15.13	160	3	0(0-10)	2-45	200	8"	800-900	8-15	100-800	110-880	22/37	30/50	SV2+SV4	6878×4272×2961
TS2473-2	2480×7300	8×24	18.1	192	2	0(0-10)	2-45	200	8"	800-900	8-15	120-900	132-990	22/37	30/50	SV2+SV4	8078×4272×2306
TS2473-3	2480×7300	8×24	18.1	192	3	0(0-10)	2-45	200	8"	800-900	8-15	120-900	132-990	22/45	30/60	SV2+SV4	8078×4272×2961

SL Series Linear Vibrating Screen

系列直线筛



1 介绍 Introduction

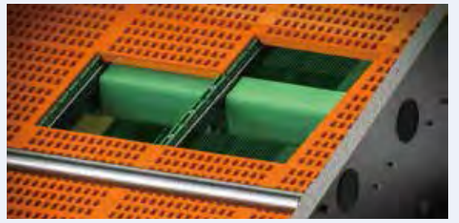
SL系列直线筛是公司结合多年现场经验开发的一款应用于冶金、煤炭、砂石等行业的高负荷分级、脱水、脱介作业的振动筛。

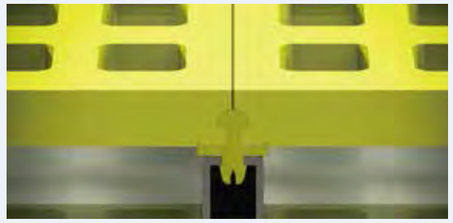
SL因处理能力大、分级效率高，易于操作和维护，生产稳定，深受客户好评。

The SL Linear Vibrating Screen is developed based on years of on-site experience. It is designed for high-load classification, dehydration, and desludging operations in industries such as metallurgy, coal, and aggregates.

SL Linear Vibrating Screen is well received by customers due to its large capacity, high grading efficiency, convenient operation and maintenance, and stable production.

2 特点和选用说明 Features and Selection Instructions:





- **带H后缀的SL筛采用SV模块化激振器，其他型号采用意大利品牌振动电机驱动；**

  The SL Screen models with the H suffix are equipped with SV modular vibrators, while other models are driven by vibration motors from an Italian brand.

- **筛网可选择带聚氨酯边框的不锈钢条缝筛板或聚氨酯模块式筛网；**

  The screen can be selected with either a stainless steel slit screen plate with a polyurethane frame or a polyurethane modular screen.

- **全系筛机标配聚氨酯边护板，防止物料的磨蚀；**

  All SL Screen models are equipped with polyurethane side guards as standard to prevent material abrasion.

- **用户在订货时，除注明型号、数量外，还须注明筛孔尺寸、筛网形式和筛机安装角度；**

  When placing an order, in addition to specifying the model and quantity, users are also required to indicate the screen mesh size, screen form, and installation angle.

- **H后缀的机型电机可以在左侧或右侧安装，如有安装要求请注明，否则按左装形式供货，可选配自动润滑装置。**

  For models with the H suffix, the motor can be installed on either the left or right side. Please specify any installation requirements; otherwise, it will be supplied with left-side installation by default. Additionally, the automatic lubrication device is optional.

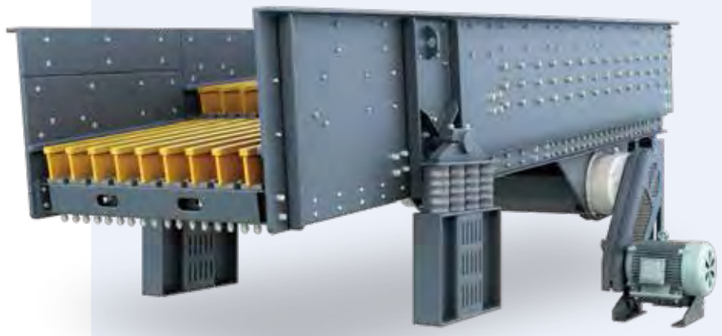
3 规格与性能参数表 Specifications

型号	筛面规格		面积		层数	筛面倾角	筛孔尺寸	最大给料粒度		振动频率	振幅	处理能力		功率		激振器	外形尺寸
Model	Deck dimension		Area		Decks	Inclined Angle	Sieve size	Maximum feed size		Vibrating frequency	Stroke	Capacity		Power		SV Vibrator	Overall dimension
SL Series	(mm)	(ft)	(m²)	(ft²)	(/)	(°)	(mm)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
SL1230	1220×3050	4×10	3.72	40	1	-3(-5~5)	0.15-10	200	8"	1500	2-5	60-90	66-99	1.72×2	2×2	MVE3800×2	3327×1696×1590
SL1536	1525×3660	5×12	5.58	60	1	-5(-5~0)	0.15-10	200	8"	1500	2-5	80-120	88-132	2.2×2	3×2	MVE5500×2	3891×2081×1773
SL1836	1830×3660	6×12	6.7	72	1	-5(-5~0)	0.15-10	200	8"	1000	5-9	110-160	121-176	2.9×2	4×2	MVE6500×2	3858×2405×1878
SL2448	2440×4880	8×16	11.91	128	1	-3(-5~10)	0.15-10	200	8"	1000	6-10	150-220	165-242	5.1×4	7×4	MVE8500×4	5216×3424×2239
SL3061H	3050×6100	10×20	18.61	200	1	0(-5~10)	0.15-10	200	8"	1000	6-10	200-350	220-385	15×2	20×2	4-SV1	6570×4656×2270
SL3661H	3660×6100	12×20	22.33	240	1	0(-5~10)	0.15-10	200	8"	1000	6-10	240-425	264-468	22×2	30×2	4-SV2	6570×5287×2335
SL3675H	3660×7320	12×24	26.79	288	1	0(-5~10)	0.15-10	200	8"	1000	6-9	300-500	330-550	30×2	40×2	4-SV3	7790×5291×2345
SL1848-2H	1830×4880	6×16	8.93	96	2	0(-5~10)	0.15-10	200	8"	1000	6-10	18-325	20-358	15×2	20×2	4-SV1	5165×3423×2487
SL2461-2H	2440×6100	8×20	14.88	160	2	0(-5~10)	0.15-10	200	8"	1000	6-10	20-540	22-594	22×2	30×2	4-SV2	6358×4073×2552
SL3061-2H	3050×6100	10×20	18.61	200	2	0(-5~10)	0.15-10	200	8"	1000	6-10	22-595	24-655	30×2	40×2	4-SV3	6570×4790×2925
SL3675-2H	3660×7320	12×24	26.79	288	2	0(-5~10)	0.15-10	200	8"	1000	6-9	40-865	44-952	45×2	60×2	4-SV4	7790×5575×2145

注:表中所列单层直线筛处理量是按照洗砂脱水处理量计算的，双层直线筛处理量是按精煤分级计算的。所列处理量仅供参考，具体值根据现场情况与研发部商定。

Note: The capacity of the single-layer linear screen listed in the table is calculated based on the sand washing and dewatering capacity and the capacity of the double-layer linear screen is calculated based on the classification of clean coal. The listed capacity is for reference only, and the specific value depends on the site conditions.

F5X Series Vibrating Feeder
振动给料机



1 介绍
Introduction

F5X振动给料机为超重型工况设计，适用于向初级颚式破碎机、初级反击破和初级锤破等的给料，广泛应用于石料、建材和金属矿山行业。安装高度较低，布置空间较小，其最大处理量达1600TPH，最大给料粒度达1.5m，标准料仓容积为25-45m³。F5X给料机装配有FV重型振动器，包括锻造主轴开放式热交换式油润滑，振动专用轴承和精密重载齿轮。可通过调节振动方向角和转速实现不同的应用和调节给料量。为满足不同应用下的预筛分要求F5X在棒条及格筛设置方面可提供盲板式、一段棒条、两段阶梯棒条和附加筛层等四种配置作为选择。

Considering the toughest working conditions, ZENITH has developed the F5X Heavy-duty Vibrating feeder to do the feeding job for primary crushers. Now, the F5X Feeder is widely used in the quarries, construction materials industry and mining field. With relatively lower installation height, less space requirement for layout and larger hopper of 25-45m³, it can deal with the stones with max. size of 1500 mm and reach the capacity up to 1600t/h. F5X Feeder has adopted the heavy-duty FV vibrator, which incorporates two forged eccentric shafts, precise gears and 4 bearings with oil-bath lubrication. By adjusting the angles between the two eccentric shafts and the motor speed, the operator can change the feeding speed for different applications to meet different prescreening requirements. ZENITH's F5X Feeder has 4 different options: solid pan with no grizzly bars, one-deck grizzly bars, two-deck grizzly bars and additional screen under grizzly bars.

2 产品优势
Product Advantages

- **槽体、振动器按重型工况设计，处理量大，抗冲击能力强。**

  Feeder body and vibrator are designed and manufactured according to heavy duty operations. High G-force vibrator assures it has a high capacity and could bear big impact.

- **转轴式电机减震底座，挠性驱动，可通过选配的变频控制器调节频率。**

  Elastic motor supports, flexible drive, optional frequency controller for wider applications.

- **齿轮与轴承开放式稀油润滑，内部油温进行热交换，运行温度更低。**

  With the oil-bath type lubrication, F5X feeder can keep running stably in cool oil even under the toughest working conditions.

- **实现连续给料，并可重载启动。**

  By virtue of heavy-duty design, F5X feeder can start with load and feed materials continuously.

3 规格与性能参数表
Specifications

型号	料槽尺寸		面积		棒条长度	安装倾角	最大给料粒度		转速 (调节范围)	双振幅	处理能力		功率		激振器	外形尺寸
Model	Size of funnel		Area		Grizzly length	Inclination	Maximum feed size		Speed of eccentric shaft	Double amplitude	Capacity		Power		FV Vibrator	Overall dimension
F5X Series	(mm)	(ft)	(m²)	(ft²)	(mm)	(°)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
F5X1045(M)	1000×4500	3×15	4.5	45	1×1200	5(0-10)	700	28"	1000(500-1000)	8.5	400	440	15	20	FV200	4475×1660×1485
F5X1345(M)	1300×4500	4×15	5.85	60	1×1200	5(0-10)	900	36"	1000(500-1000)	8.5	600	660	22	30	FV200	4475×1960×1485
F5X1360(S)	1300×6000	4×20	7.8	80	2×1200	5(0-10)	900	36"	1000(500-1000)	8.5	600	660	30	40	FV200	6195×1960×1680
F5X1645(M)	1600×4500	5×15	7.2	75	1×1200	5(0-10)	1200	48"	1000(500-1000)	8.5	1000	1100	22	30	FV200	4475×2260×1485
F5X1660(S)	1600×6000	5×20	9.6	100	2×1200	5(0-10)	1200	48"	1000(500-1000)	8.5	1000	1100	30	40	FV200	6195×2260×1680
F5X2060	2000×6000	7×20	12	140	2×1200	5(0-15)	1500	60"	1000(500-1000)	8.5	2400	2640	45	60	FV300	6195×2660×1680
F5X1354G	1300×5000	4×16	6.5	64	4×900	5(0-10)	900	36"	1000(500-1000)	8	500	550	22	30	FV200	4998×2601×2571
F5X1654G	1600×5000	5×16	8	80	4×900	5(0-10)	1200	48"	1000(500-1000)	8	800	880	30	40	FV200	4998×2931×2571
F5X2054G	2000×5000	7×16	10	112	4×900	5(0-15)	1500	60"	1000(500-1000)	8	1500	1650	45	60	FV300	4998×3481×2625

备注：型号中"M"表示全盲板，"S"表示附加筛网层，"G"表示四段棒条，如 F5X1660S 则表示为附带筛网层的给料机。
处理量与物料的性质，给料机倾角等因素有关，表中最大处理量仅供参考。

NOTE: "M" shows solid pan configuration , "S" shows second screen deck configuration. "G"shows four grizzly. Eg: F5X1660S represents the feeder with second screen deck.
Capacities depend not only on feeder size but also feeder inclination, feed gradation, etc.The maximum capacity in the table is for reference only.

GF Series
Grizzly Feeder
棒条给料机



1 介绍
Introduction

GF系列振动给料机采用振动电机激振，是专为移动站、半固定站和小型料场(规模一般小于250TPH，料仓容积小于30m³)设计的一种高效型初段给料机，适用于向颚式破碎、初段反击式破碎机、锤式破碎机给料，也可用于输送。

GF出厂转速根据供电环境不同而不同，50HZ时转速为1000rpm，60HZ时为1200rpm。可以通过调节振动电机的偏心力调节处理量，也可选配变频器调节运行转速从而调节处理量。具有灵活、可靠、高适用性的特点。

By adopting vibration motor excitation, GF series vibrating feeder is a high-efficiency feeding machine specially designed for mobile/portable crusher and small stock piles which are generally less than 250TPH, and the silo volume is less than 30m³. It is used for conveying raw material to the crusher.

Speed of GF series Vibrating feeder varies according to the power frequency. The speed is 1000 rpm at 50 Hz or 1200 rpm at 60 Hz. The capacity can be adjusted by changing the eccentric force of the vibration motor. The optional frequency converter can also control the capacity by adjusting the speed. It provides a flexible and reliable operation system with highly availability.

2 产品优势
Product Advantages

- **采用振动电机作为激振动力源，维护方便、噪音低。**
  The vibration motor is used as the source of the exciting vibration force, which is easy to maintain and low in noise.
- **采用橡胶弹簧支撑和隔震，运转、启停都很平稳，噪音也非常小。**
  With rubber spring support and vibration isolation, the operation and start-up are smooth with less noise.
- **振幅、棒条间距可调。**
  The amplitude and grizzly bar spacing are adjustable.
- **用户可选择第二层筛网（格筛）配置，对弃料、泥土的隔离更精确。**
  The optional screen deck (grid screen deck) makes waste and natural fines remove more accurately.
- **标准安装角度为0°。**
  The standard installation angle: 0 degrees.
- **适用环境温度为-20 ~ 40°C。**
  Applicable ambient temperature range: -20~40°C.
- **最大适用海拔高度为1000米。**
  The maximum applicable altitude：1000 meters.

3 规格与性能参数表
Specifications

型号	料槽尺寸		面积		棒条长度	安装倾角	最大给料粒度		转速 (调节范围)	双振幅	处理能力		功率		激振器	外形尺寸
Model	Size of funnel		Area		Grizzly length	Inclination	Maximum feed size		Speed of eccentric shaft	Double amplitude	Capacity		Power		MV Vibrator	Overall dimension
GF Series	(mm)	(ft)	(m²)	(ft²)	(mm)	(°)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
GF0936(M)	900×3600	3×12	3.24	36	2×700	0	500	20"	400-1000	5-8	280	308	2.9×2	4×2	MVE6500×2	3600×1520×1481
GF0936S	900×3600	3×12	3.24	36	2×700	0	500	20"	400-1000	5-8	280	308	2.9×2	4×2	MVE6500×2	3600×1520×1481
GF0942(M)	900×4200	3×14	3.78	42	2×700	0	500	20"	400-1000	5-8	280	308	2.9×2	4×2	MVE6500×2	4200×1520×1481
GF0942S	900×4200	3×14	3.78	42	2×700	0	500	20"	400-1000	5-8	280	308	2.9×2	4×2	MVE6500×2	4200×1520×1481
GF1245(M)	1200×4500	4×15	5.4	60	2×900	0	700	28"	400-1000	5-8	450	495	6×2	8×2	MVE10000×2	4500×1840×1555
GF1245S	1200×4500	4×15	5.4	60	2×900	0	700	28"	400-1000	5-8	450	495	6×2	8×2	MVE10000×2	4500×1840×1555

注：型号中""(M)""表示全盲板设置，"" (S) ""表示附加筛网层设置，如GF1245S则表示为附带筛网层的给料机。处理量与物料的性质，给料机倾角等因素有关，表中最大处理量仅供参考。

Note: "M" shows solid pan configuration , "S" shows second screen deck configuration. capacities depend not only on feeder size but also feeder inclination, feed gradation, etc.



SP Series
Vibrating Feeder
振动给料机



1 介绍
Introduction

SP 系列振动给料机是西芝矿机在多年给料机研发和应用实践经验基础上，结合给料输送设备的实践应用情况，广泛汲取国内外先进技术自主研发的新型振动给料设备。设备结构简单紧凑，生产能力高，工作可靠维护方便，可以用于将中小块度的块状、颗粒状及粉状物料从储料仓或料斗中均匀连续的给到受料装置中，是传统的 GZG 或 GZD 惯性振动给料机的理想升级换代产品。

SP Vibrating Feeder is launched by ZENITH on the basis of years of practical experience in R&D, combined with the practical application of feeding and conveying equipment, and widely adopted the independent R&D of advanced technology at home and abroad. SP series vibrating feeder has simple and compact structure, high production capacity and reliable operation, convenient maintenance. It can be used to evenly and continuously feed small and medium-sized block, grain and powder materials from the storage silo or hopper to the receiving device. It is an ideal upgrading product of the traditional GZG or GZD Inertial Vibration Feeder.

2 产品优势
Product Advantages

- **双振动电机驱动 大给料能力**
  Double vibration motor drive, large feeding capacity.
- **安装角度0-10°可调 给料调控方便**
  Adjustable installation angle for 0-10 °, convenient feeding control.
- **悬挂式或座式安装 可用于多种工况**
  Suspension or seat type installation, can be used in various working conditions.
- **结构原理简单 维护成本低**
  Simple structure and low maintaining cost.

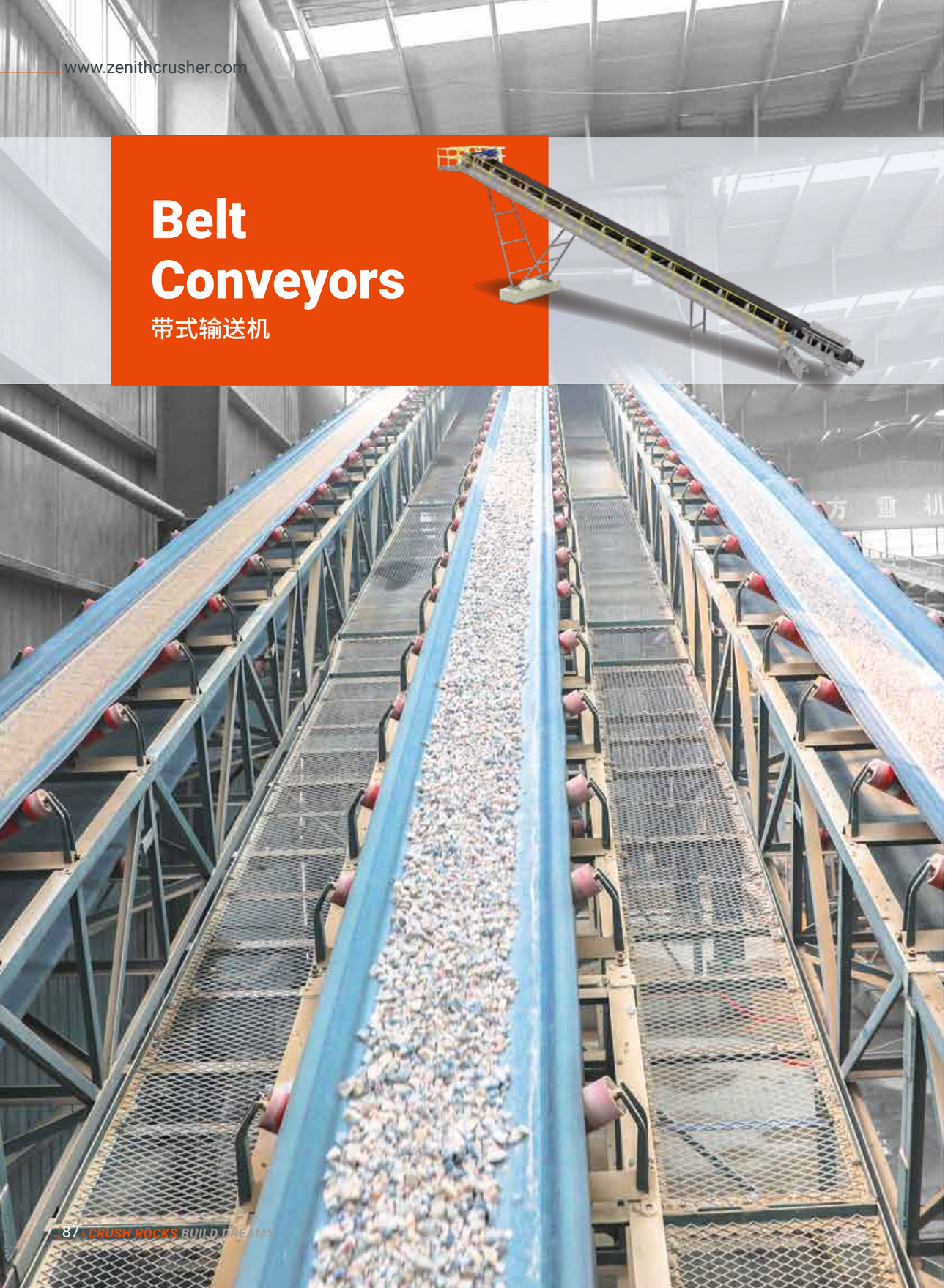


3 规格与性能参数表 Specifications

型号	料槽尺寸		面积		安装倾角	最大给料粒度		转速 (调节范围)	双振幅	处理能力		功率		激振器	外形尺寸
Model	Size of funnel		Area		Inclination	Maximum feed size		Speed of eccentric shaft	Double amplitude	Capacity		Power		MV Vibrator	Overall dimension
SP Series	(mm)	(ft)	(m²)	(ft²)	(°)	(mm)	(Inch)	(rpm)	(mm)	(mtph)	(stph)	(kw)	(hp)	(\)	(mm)
SP0816	800×1600	3×5	1.28	15	0-15°	265	11"	600-1500	3-4	180-250	198-275	0.75×2	1×2	MVE1700×2	1789×1284×1544
SP0816Z	800×1600	3×5	1.28	15	0-15°	265	11"	600-1500	3-4	180-250	198-275	0.75×2	1×2	MVE1700×2	1789×1327×918
SP1220	1200×2000	4×7	2.4	28	0-15°	400	16"	600-1500	3-4	400-560	440-616	1.2×2	2×2	MVE2500×2	2217×1597×1548
SP1220Z	1200×2000	4×7	2.4	28	0-15°	400	16"	600-1500	3-4	400-560	440-616	1.2×2	2×2	MVE2500×2	2217×1731×970
SP1623Z	1600×2250	5×7	3.6	35	0-15°	500	20"	400-1000	3-5	700-1000	770-1100	2×2	3×2	MVE3800×2	2467×2151×1211
SP2024Z	2000×2400	7×8	4.8	56	0-15°	600	24"	400-1000	4-6	1000-1600	1100-1760	3.2×2	4×2	MVE5200×2	2702×2306×1388

备注：型号后无字母标识表示悬挂式，加“Z”表示支坐式。

Note: As shows in the table, if there is a letter “Z” in the product name, it is seat type, otherwise, it is suspension type.



Belt Conveyors

带式输送机

1 介绍
Introduction

在分析了以往皮带机大量现场应用情况、在保证产品性能以及质量的前提下，上海西芝矿机有限公司本着既能为客户节省投入又能为客户提供性能稳定的产品的理念，潜心打造出了一款贴近用户需求的B系列带式输送机。

Based on the massive site experience, ZENITH has launched B series belt conveyor to meet clients' various site operation demands, this series belt conveyor is economical with excellent quality and better site performance.

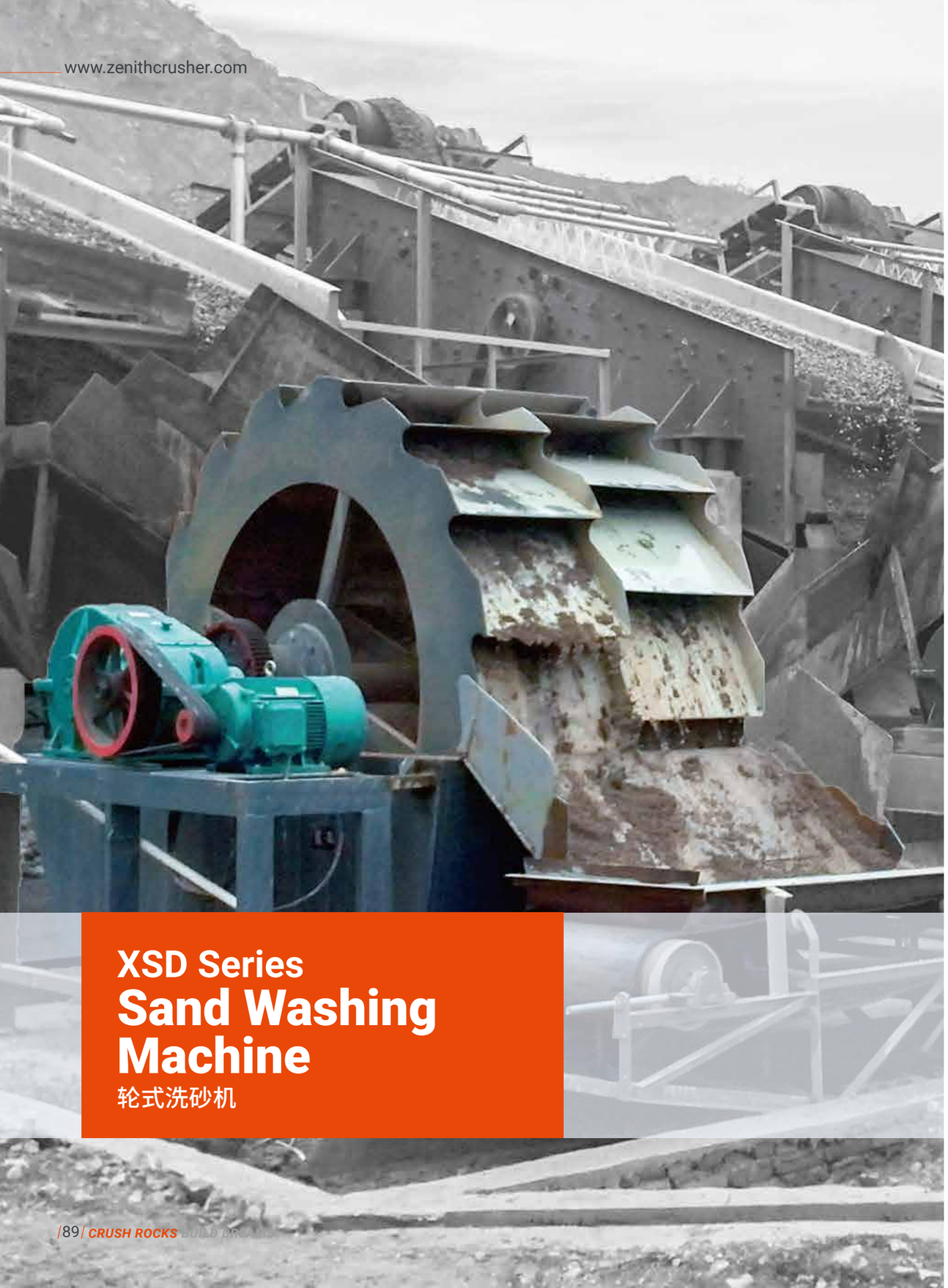
2 产品优势
Product Advantages

- **模块化通用设计 维护安装方便**
  Modular universal design, easy to maintain and install.
- **高等级防护措施 安全性能更高**
  High-level protection, higher safety.
- **优化结构 设备更优良**
  Optimized structure, excellent quality.
- **“桁架式”结构设计 抗弯能力好**
  Truss structure, good bending resistance.

3 规格与性能参数表
Specifications

型号	带宽		倾角	带速	最大给料粒度		输送量		功率	
Model	Belt width		Angle	Belt speed	Maximum feed size		Capacity		Power	
B Series	(mm)	(ft)	(°)	(m/s)	(mm)	(Inch)	(mtph)	(stph)	(kw)	(hp)
B6X500	500	1 41/64	0-17°	1.5	150	6"	20-120	22-132	4-11	5-15
B6X650	650	2 9/64	0-17°	1.6	200	8"	150-320	165-352	4-11	5-15
B6X800	800	2 5/8	0-17°	1.4	250	10"	250-500	275-550	5.5-15	7.5-20
B6X1000	1000	3 9/32	0-17°	1.4	320	13"	350-800	385-880	7.5-18.5	10-25
B6X1200	1200	4	0-17°	1.4-1.5	400	16"	500-900	550-990	11-22	15-30
B7X1400	1400	4 19/32	0-17°	1.6-2	450	18"	800-1500	880-550	15-132	20-180
B7X1600	1600	5 1/4	0-17°	1.6-2.5	450	18"	1400-3000	1540-3300	15-250	20-350

注：物料碎石，堆积密度ρ=1.6t/m³,运行堆积角θ=20°
Note: For gravel materials, the bulk density ρ=1.6t/m³ while the accumulation angle θ=20° during operation.
倾斜角度极限值与物料有关
The inclination angle has its limit value depends on materials.



XSD Series
Sand Washing Machine
轮式洗砂机

1 介绍
Introduction

XSD系列轮式洗砂机是针对国内湿法制砂工艺，在传统轮式洗砂机的基础上开发的高效节能洗砂机，可以配套各式破碎机，去除经筛分后的机制砂中的泥粉和杂质，提高机制砂品质。

The XSD Wheel-type Sand Washer is energy-saving and highly-efficient in artificial sand production through wet process, which is developed and upgraded based on traditional sand washers. It can work together with crushers to remove the clay and impurities in the manufactured sand, so that the quality of the output could be improved.

2 产品优势
Product Advantages

- **轮斗式结构，工作简单高效**
  The bucket wheel structure can achieve simple and efficient work.
- **电机减速机驱动，传统平稳可靠**
  The motor-reducer drive can offer stable and reliable transmission.
- **洗砂效率高，处理量大功耗低**
  Efficient sand washing, large capacity and low power consumption.
- **传动系统与水隔离，维护保养简单**
  The drive system is isolated from water, the maintenance is simple.



3 规格与性能参数表
Specifications

型号	叶轮规格		进料粒度		处理能力		转速	电机功率		外形尺寸
Model	Size of impeller		Maximum feed size		Capacity		Speed of impeller	Power		Overall dimension
XSD Series	(mm)	(ft)	(mm)	(Inch)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
XSD2610	Φ2600×1000	9×3	≤10	≤3/8"	20-60	22-66	1.178	7.5	10	3255×1982×2690
XSD3016	Φ3000×1600	10×5	≤10	≤3/8"	70-120	77-132	1.179	15	20	3845×3000×3080
XSD3620	Φ3600×2000	12×7	≤10	≤3/8"	80-180	88-198	1.18	18.5	25	4500×3560×3700



LSX Series
Sand Washing Machine
螺旋洗砂机

1 介绍
Introduction

LSX系列螺旋洗砂机是采用国际成熟的螺旋洗砂机技术，在其基础上开发而成的，作为制砂辅助设备，由电机、减速机、壳体、螺旋实体和堰板组成；在实际的生产使用中，螺旋洗砂机可以有效提高成品砂品质。

LSX系列螺旋洗砂机结构简单，可以用于清洗、脱水和分级作业，广泛应用于建筑砂石骨料、石英砂等的洗选作业。

The LSX series spiral sand washers are developed on the basis of the international mature technology of spiral sand washers, and as auxiliary equipment for sand making, it is made up of motor, reducer, shell, spiral body and weir plate; In the actual production, the spiral sand washers can effectively improve the quality of the finished sand products.

The LSX series spiral sand washers are simple in structure and used for cleaning, dewatering and classification. They are widely used in washing process of sand, gravel, aggregates and quartz sand, etc.

2 产品优势
Product Advantages

- **采用长螺旋分级清洗，洗砂效果好**
  The long spiral classification washing is adopted, so the sand washing effect is higher.
- **整体结构简单，设备运行稳定**
  Simple structure ensures stable performance.
- **可靠的密封结构，维护保养十分方便**
  Its reliable sealing structure can significantly facilitate maintenance.
- **物料接触采用耐磨材料，使用寿命更长**
  Wear-resisting materials make the service life longer.

3 规格与性能参数表
Specifications

型号	螺旋直径		水槽长度		螺旋数量	进料粒度		处理能力		耗水量		螺旋转速	电机功率		外形尺寸
Model	Spiral diameter		Tank length		Number of spiral	Maximum feed size		Capacity		Water consumption		Spiral speed	Power		Overall dimension
LSX Series	(mm)	(ft)	(mm)	(ft)	(/)	(mm)	(Inch)	(mtph)	(stph)	(mtph)	(stph)	(rpm)	(kw)	(hp)	(mm)
LSX920	920	3	7585	25	1	≤10	≤3/8"	100	110	10-80	11-88	21	11	15	8420×2180×3960
2LSX920	920	3	7580	25	2	≤10	≤3/8"	200	220	20-160	22-176	21	11×2	30	8420×3970×3960
LSX1120	1120	4	9750	32	1	≤10	≤3/8"	175	193	20-150	22-165	17	18.5	25	10770×3950×4860
2LSX1120	1120	4	9750	32	2	≤10	≤3/8"	350	385	40-300	44-330	17	18.5×2	50	10770×5260×4860

EPC+O Scheme

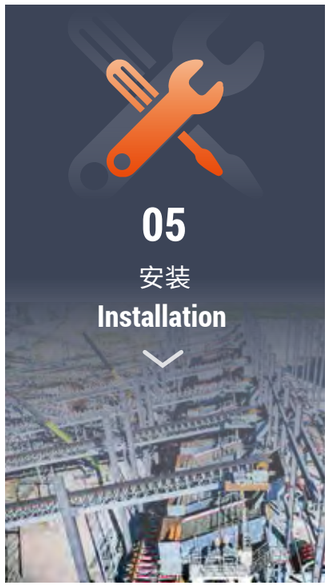
EPCO总承包服务

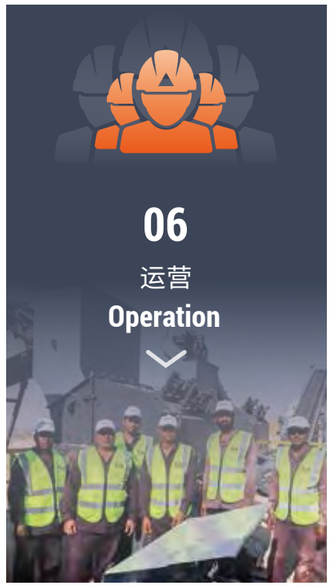












1 介绍
Introduction

EPC+O方案是一种全面的项目管理方法，涵盖规划、设计、采购、施工及运营一体化。这种方法确保了从项目开发到运营的平稳过渡。通过该种整合方式提高项目的运营效率，降低全生命周期的成本。

EPC+O stands for "Engineering, Procurement, Construction, and Operation." It's a comprehensive project scheme used in project management, covering planning, design, procurement, construction, and ongoing operation phases. This method ensures a smooth transition from project development to operation. Through this integration approach, the operational efficiency of the project is improved and the cost of the entire project is reduced.

2 方案优势
Advantages

■ **无缝集成**

集成不同的项目阶段，确保从设计到运营的无缝衔接，减少信息传递和沟通不畅。

Smooth Coordination

It integrates diverse project phases, ensuring a smooth transition from design to operation, reducing challenges tied to information transfer and communication.

■ **备件保证**

此方案有充足的备件保证，延长设备的正常运行时间。

Spare Parts Assurance

With this approach, customers can rest assured about spare parts availability, contributing to extended uptime.

■ **强化控制**

从项目启动到项目完成，采用综合管理，强化对时间、成本和质量的控制。

Enhanced Control

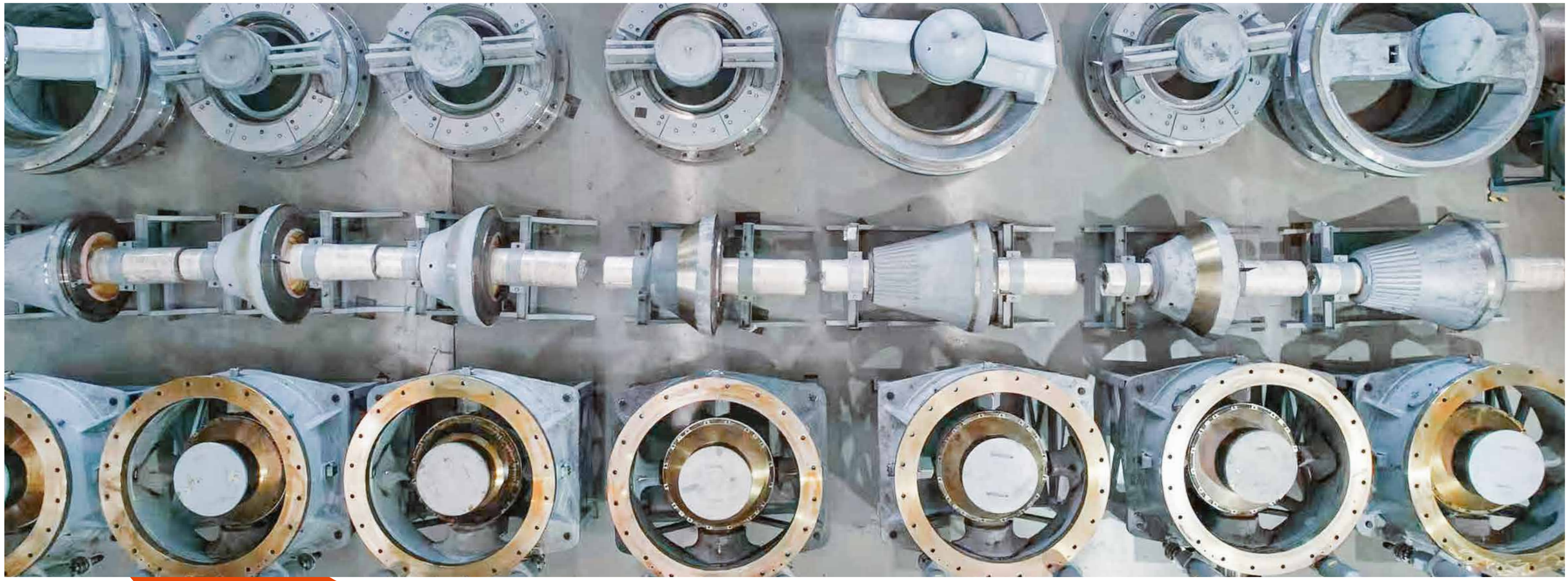
This approach enables comprehensive management from project initiation to completion, resulting in enhanced control over time, costs, and quality.

■ **优化性能**

同一个团队或公司监督整个项目的不同方面，提高项目的效率和性能。

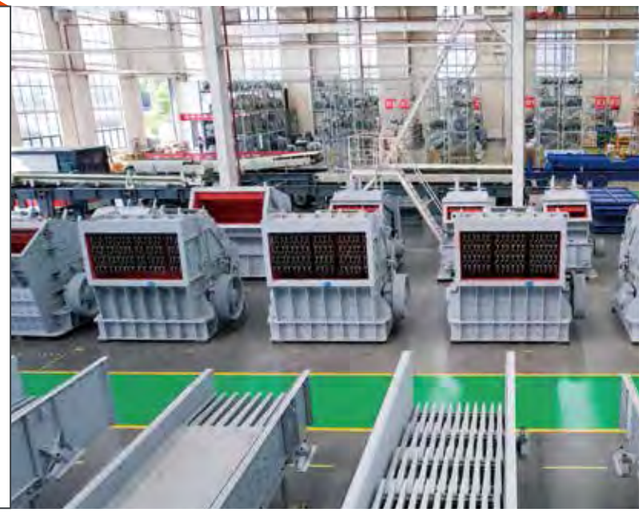
Optimizing Performance

By having the same team or company overseeing different project aspects, the efficiency and performance of project is expected to be improved.



MANUFACTURE STRENGTH

加工实力









CUSTOMER SERVICES

客户服务













CRUSH ROCKS BUILD DREAMS

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