

专业破碎筛分设备的制造工厂
专业破碎筛分解决方案供应商
Professional Crushing and Screening Equipment Manufacturing Factory
Professional Crushing and Screening Solutions Plan Provider

世隆



SHILONG

沈阳世隆机械制造有限公司
Shenyang ShiLong Mechanical Manufacturing Co., Ltd.

20
YEARS

用心缔造精品 诚信塑造品质



Fred
Senior Sales Engineer

Contact Phone / WhatsApp / WeChat: +86 15998896016

☎ Email: fred@chinaslm.net: +86 15998896016

✉ Email: fred@chinaslm.net 🌐 website: www.chinaslm.net

📍 Address: No.19-1 9A 204, Economic and Technology Development Area, Shenyang, China.

www.chinaslm.net

Reliable Crushing & Screening Solutions

目录CONTENTS

1.公司简介 Company Profile	-1-
2.生产能力 Produce Capacity	-3-
3.整机设备 Equipment	-7-
1) 颚式破碎机 Jaw Crusher	-8-
2) 单缸液压圆锥破碎机 Single Cylinder Hydraulic Cone Crusher	-9-
3) 多缸液压圆锥破碎机 Mult-Cylinder Hydraulic Cone crusher	-11-
4) 西蒙斯圆锥破碎 Symons Cone Crusher	-13-
5) 弹簧圆锥破碎机 Spring Cone Crusher	-15-
6) 振动筛 Vibrating Screen	-17-
7) 高压辊磨机 (HPGR) High Pressure Grinding Rollers	-18-
4.备件 Spare Parts	-19-
5.矿山破碎设备和筛分设备生产线	-31-
Mine Crushing Equipment and Screening Production Line	-31-
6.全球展会 Shilong Global Exhibition	-35-
7.世隆质量担保 Shilong Quality Assurance	-39-

20 Years
of Trust

20年
用心缔造精品
诚信塑造品质

关于我们 About Us



沈阳世隆机械制造有限公司成立于2000年，是一家专注致力于生产制造破碎机整机和筛机设备及其零部件的综合性公司。沈阳世隆可为矿山客户量身设计生产流程，制定选型方案，并提供优质设备。公司坐落于中国东北工业基地，经过近二十余年的发展，公司现逐渐形成以矿山行业为中心，同时跨及水泥与电站、石油行业等相关领域的大型制造工厂。生产制造的相关产品遍及全国，并远销美国，欧洲，东南亚，中东，俄罗斯及其他独联体等国家。

作为专注于矿山领域设备及产品的制造类企业，世隆致力于打造全球化的专业制造工厂。公司在破碎机行业有20余年的生产经验，车间配备先进的数控立车、数控卧车、数控镗床、大型数控龙门铣、数控钻床、数控下料机，焊接机器人等大型机加、铆焊设备及三坐标等多种检测设备。世隆二十年来为国内超过三千家的企业与外贸公司生产制造过千余种矿山设备及相关配件。产品主要覆盖HP多缸圆锥破碎机、老弹簧圆锥破碎机、GP单缸圆锥破碎机、颚式破碎机、振动筛、高压辊磨机的整机及配件。产品质量可靠、性能良好，赢得了广泛赞誉。

时间是最好的质检员。世隆以优质的质量与能力为您提供经得起考验的设备及配件和专业的服务。质量把控与售后跟踪是世隆传承的服务宗旨。根据图纸满足客户要求是世隆不变的准则。缩短设计、生产和供货周期是世隆承诺的保障。世隆专业的售后服务团队为您提供24小时的在线服务。

世隆期待与您共同开创未来！

Shenyang Shilong Mechanical Manufacturing Co., Ltd. was established in 2000. It is a comprehensive company dedicated to the production and manufacture of complete crushers, screens and their spare parts. Shenyang Shilong can design the production process for mining customers, formulate selection plans, and provide high-quality equipment. Shenyang Shilong is located in the industrial base of Northeast China. After nearly 20 years of development, the company has gradually formed a large-scale manufacturing plant centered on the mining industry and spanning cement, power stations, petroleum industries and other related fields. The related products manufactured are all over the country and exported to the United States, Europe, Southeast Asia, the Middle East, Russia and other CIS countries.

As a manufacturing enterprise focusing on mining equipment and products, Shilong is committed to building a global professional manufacturing plant. The company has more than 20 years of production experience in the crusher industry. The workshop is equipped with advanced CNC vertical lathes, CNC horizontal lathes, CNC boring machines, large CNC gantry milling machines, CNC drilling machines, CNC blanking machines, welding robots and other large-scale machining, riveting and welding equipment and Three coordinates and other testing equipment. Over the past 20 years, Shilong has manufactured more than 1,000 kinds of mining equipment and related parts for more than 3,000 domestic enterprises and foreign trade companies. The products mainly cover complete machines and spare parts of HP multi-cylinder cone crushers, old spring cone crushers, GP single-cylinder cone crushers, jaw crushers, vibrating screens, and high-pressure grinder rollers. Products with reliable quality and good performance have won wide acclaim.

Time is the best quality inspector. Shilong provides you with testable equipment and accessories and professional services with high quality and ability. Quality control and after-sales tracking are the service tenets inherited by Shilong. Satisfying customer requirements according to drawings is Shilong's constant criterion. Shortening the design, production and supply cycle is the guarantee of Shilong's commitment. Shilong's professional after-sales service team provides you with 24-hour online service.

Shilong looks forward to creating the future with you!

生产能力 Produce Capacity / 2

沈阳世隆拥有完善的生产管理体系并拥有ISO 9001质量管理体系认证。沈阳世隆从选材开始，严格把控铸造、机加、铆焊、装配、检验、包装发货等各个生产环节，每一个环节都有严格检验流程和报告。每一个出厂产品都有自己档案系统。力求提供最完美的产品供给客户。

Shenyang Shilong has a complete production management system and has ISO 9001 quality management system certification. Shenyang Shilong starts from the very beginning of material selection, and strictly controls all production links such as casting, machining, riveting, assembly, inspection, packaging and delivery, and each link has strict inspection procedures and reports. Each factory product has its own file system for customers.



数控镗床 CNC Boring Lathe



大型数控龙门铣床 Large CNC Gantry Milling Machine



数显镗床
Digital Display Boring Machine



数控龙门铣床
CNC Gantry Milling Machine



数控立式车床
CNC Vertical Lathe



数控立式车床
CNC Vertical Lathe



数控龙门铣床
CNC Gantry Milling Machine



数控卧车
CNC Horizontal



数控立式车床
CNC Vertical Lathe



焊接机器人
Welding Robot



钻床
Drilling Lathe



数控立式车床
CNC Vertical Lathe



数控滚齿机
CNC Gear Hobbing Machine



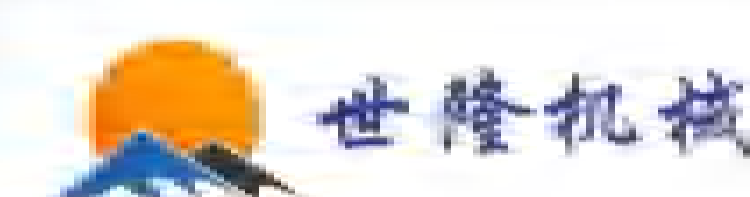
Gleason 齿轮加工设备
Gleason Gear Machining Equipment Lathe



生产能力 Produce Capacity

整机设备 Equipment / 3

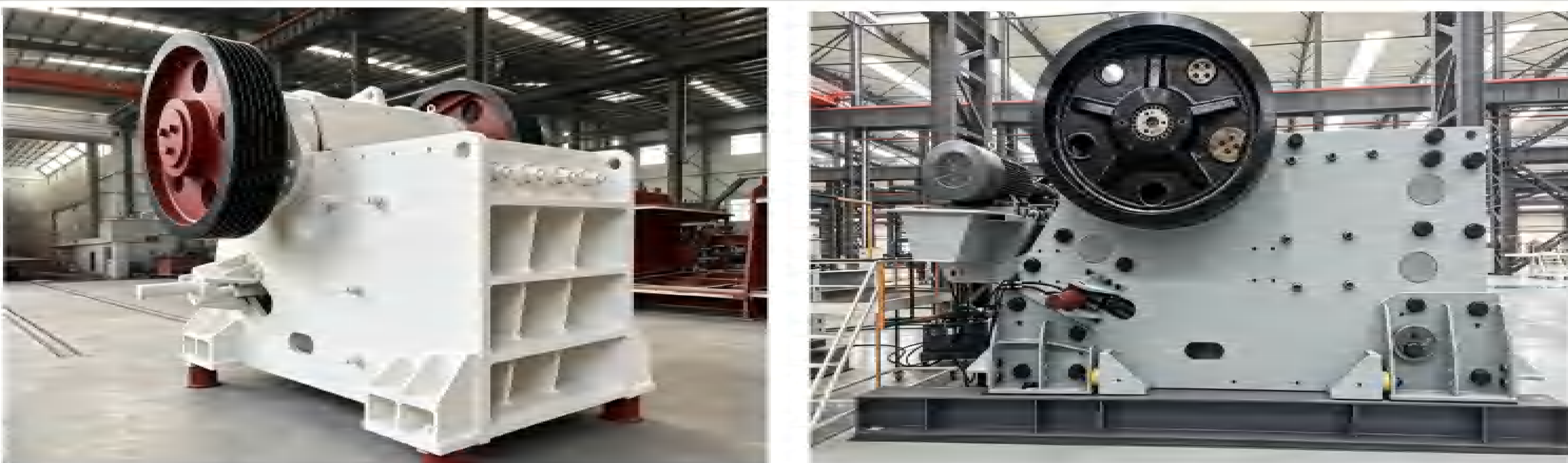




CL Series Jaw Crusher

Product Working Principle

The core working principle of the CL Series Jaw Crusher is consistent with that of the traditional PE Jaw Crusher. Both crush materials through the periodic extrusion and shearing actions of the movable jaw and the fixed jaw. However, its structural design has been optimized, which can further improve crushing efficiency and stability. It is also a typical compression-type crushing equipment.



Product Advantages

The core product advantages of the CL Series Jaw Crusher lie in its high crushing efficiency, low operating costs, and strong adaptability. It is particularly suitable for high-intensity primary crushing scenarios such as large-scale aggregate production and mining, and can balance production capacity with long-term operational economy.

1. Crushing Efficiency and Production Capacity Advantages: Deep Cavity Design + Optimized Movement Trajectory

Ultra-deep crushing cavity: Compared with traditional models, the feeding capacity is increased by 15%-20%, which can reduce the probability of material "bridging" (blocking the feed inlet) and realize "full-cavity crushing", resulting in higher processing capacity per unit time.

Optimized movable jaw movement trajectory: It combines the dual functions of "compression crushing" and "downward material pushing". The crushed materials can quickly move to the discharge port, avoiding retention in the cavity and further improving the efficiency of continuous operation.

2. Operating Cost Advantages: Low Energy Consumption + Long Service Life of Wear Parts

Low-speed and high-crushing-force design: The speed of the eccentric shaft is usually controlled at 220-260 r/min. By increasing the eccentricity to enhance the crushing force, high-hardness materials can be crushed without high-frequency impact, and the energy consumption is 8%-12% lower than that of traditional models.

Wear parts (jaw plates, liners): Made of special wear-resistant alloy materials, and the surface of the jaw plates is optimized with tooth profiles, ensuring uniform wear. The service life is extended by more than 20% compared with ordinary wear parts, reducing the frequency of replacement and the cost of spare parts.

3. Stability and Adaptability Advantages: Strong Structure + Flexible Adjustment

Integrated rigid frame: Adopting integral cast steel or high-strength welding technology, the frame has minimal deformation. When crushing high-hardness ores (such as basalt) with a hardness of over 320MPa, it can still ensure the stable relative position of the movable jaw and fixed jaw, resulting in uniform crushing particle size and reduced equipment vibration and noise.

Hydraulic intelligent adjustment system: Some models are equipped with a hydraulic discharge port adjustment device, which can complete the switching of discharge particle size within 10 minutes (without disassembling components) to meet the needs of different downstream processes. At the same time, it has a built-in overload protection function. When encountering uncrushable foreign objects such as iron blocks, it automatically relieves pressure to avoid damage to core components (eccentric shaft, bearings) and reduce downtime for maintenance.

4. Long-Term Use and Maintenance Advantages: Easy Maintenance + Strong Adaptability

Structure design simplifies maintenance processes: Convenient maintenance ports are reserved for key components (such as bearings and eccentric shafts). Daily maintenance does not require disassembly of the entire machine, and operations such as lubrication and inspection can be completed by a single person, reducing maintenance man-hours by 30%.

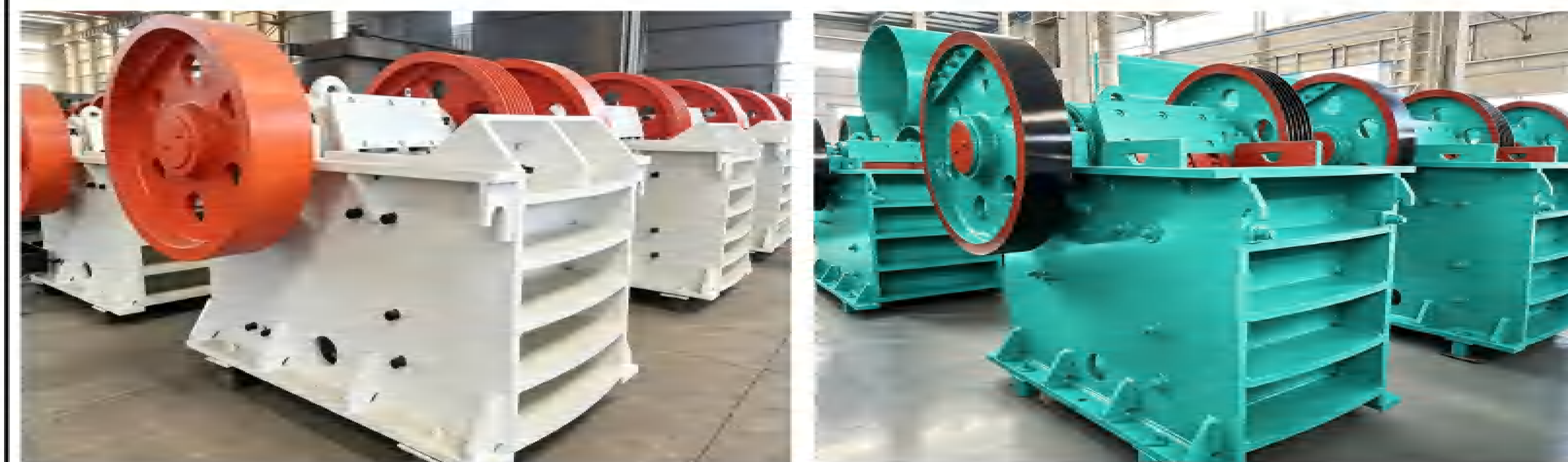
Model	Inlet Size (mm × mm)	Expected Maximum Feed Particle Size (mm)	Processing Capacity (Mtp/h)	Eccentric Shaft Speed (r/min)	Motor Power (Kw)	Discharge Opening Adjustment Range (mm)	Weight (t)
CL80	800×510	410	245	350	75	40-175	9.5
CL96	930×580	460	310	330	90	60-175	12.2
CL106	1060×700	560	395	280	110	70-200	18.5
CL110	1100×850	680	430	230	160	70-200	25
CL120	1200×870	700	395	230	160	70-175	31.6
CL125	1250×950	760	590	220	160	100-250	37
CL130	1300×1000	800	605	220	185	100-250	46.3
CL145	1400×1100	870	625	220	200	125-275	53.8
CL150	1400×1200	960	640	220	200	125-250	59.4
CL160	1600×1200	960	815	220	250	150-300	87.2
CL200	2000×1500	1200	1015	200	400	175-300	147.1



PE Series Jaw Crusher

Product Working Principle

The core working principle of the PE Jaw Crusher is to crush large-sized materials into the required particle size through the periodic extrusion and shearing actions of the movable jaw and the fixed jaw. It is a typical compression-type crushing equipment.



Product Advantages

1. Wide Application Range and Strong Material Compatibility

It can crush a variety of high-hardness and medium-hardness materials, including granite, basalt, iron ore, limestone, etc., and can adapt to materials with a compressive strength of up to 320MPa. It has high tolerance for the humidity and mud content of materials. Moist materials are not easy to stick and block in the crushing cavity, reducing the frequency of shutdowns for cleaning.

2. Simple and Durable Structure, Low Maintenance Cost

Core components (fixed jaw, movable jaw, eccentric shaft) are made of high-strength alloy steel, featuring strong wear resistance and impact resistance, and the components have a long service life. The structure design is simple, with few wearing parts that are easy to replace. Daily maintenance does not require complex tools, which can reduce labor and maintenance time costs.

3. Stable Crushing Efficiency and Guaranteed Output

The crushing cavity adopts a "deep-cavity V-type" design, with a large feed inlet and a long crushing stroke. It can hold more materials at one time, and the materials are crushed more fully in the cavity. The transmission efficiency between the motor and the eccentric shaft is high, and the swing frequency of the movable jaw is stable. The number of crushing operations per unit time is fixed, which can ensure stable output during continuous production.

4. Flexible Adjustment to Meet Diverse Needs

The width of the discharge port can be flexibly adjusted through methods such as gasket adjustment and hydraulic adjustment. It can produce materials with different particle sizes of 5-300mm according to the needs of subsequent processes. It can be matched with jaw plates of different specifications (such as coarse teeth and fine teeth) to optimize the crushing effect for different material characteristics and improve applicability.

Model	Feed Opening Size (mm × mm)	Maximum Feed Particle (mm)	Processing Capacity (t/h)	Eccentric Shaft Speed (r/min)	Motor Power (kW)	Discharge Opening Adjustment Range (mm)	weight (t)
PE-150×250	150×250	130	1-5	300	5.5	10-40	0.9
PE-250×400	250×400	210	5-20	300	15	20-60	2.8
PE-250×750	250×750	210	13-35	330	22	25-60	4.9
PE-250×1000	250×1000	210	16-52	330	30	25-60	6.5
PE-250×1200	250×1200	210	20-60	330	37	25-60	7.7
PE-300×500	300×500	250	5-20	275	22	20-60	3.5
PE-300×1300	300×1300	250	16-104	330	55	20-90	11
PE-400×600	400×600	340	16-65	275	30	40-100	6.5
PE-500×700	500×700	425	45-100	275	55	50-100	10.1
PE-600×900	600×900	500	50-120	250	55	65-160	15.5
PE-750×1060	750×1060	630	52-208	250	110	80-140	28
PE-800×1060	800×1060	650	85-228	250	110	100-200	30
PE-870×1060	870×1060	670	181-280	250	110	200-260	30.5
PE-900×1200	900×1200	750	140-320	200	132	95-165	50
PE-1000×1200	1000×1200	850	160-350	200	132	100-170	51
PE-1200×1500	1200×1500	1020	300-800	180	220	150-350	74
PE-1500×1800	1500×1800	1200	430-1000	160	355	220-350	122



GPL Series Single-Cylinder Cone Crusher

Working Principle: The GPL Series Single-Cylinder Cone Crusher adopts the laminated crushing principle. Through the relative extrusion and grinding between the moving cone and the fixed cone in the crushing cavity, the materials entering the cavity are crushed step by step to the required particle size.



Product Advantages

1. **Superior cost-performance with competitive machine and spare-part costs**

The purchase price of the complete machine is significantly lower than that of original imported units. All core spare parts (liners, thrust bearings, eccentric bronze bushings, main shafts and hydraulic components) are manufactured domestically. No overseas ordering is required, shortening the lead-time by 30-60 days. Spare-part prices are only 35-55% of those of original imported OEM parts, which helps overseas mines reduce long-term operation and maintenance costs.

2. **Modular multi-cavity design for quick crushing chamber switching**

Five standard cavity types S1-S5 (coarse, medium, medium-fine, fine and extra-fine) are available for both secondary and tertiary crushing. Thanks to modular liner design, cavity change-over only takes approximately 1.5 hours, while imported models usually require 4-6 hours, resulting in much longer downtime.

3. **Triple-circuit forced lubrication system solves frequent cone-crusher failures (thrust-bearing seizure and excessive oil temperature)**

Most conventional imported single-cylinder cone crushers adopt dual-circuit lubrication. The GPL series is equipped with a **triple-circuit forced lubrication system plus water-cooling module**, which keeps oil temperature stably within 35-45 °C with minor temperature fluctuation. It greatly reduces risks of thrust-bearing and eccentric bronze-bushing seizure, improves equipment availability for continuous mine operation, and cuts downtime caused by lubrication filter blockage.

4. **Fast tramp-iron protection and high CSS (closed-side setting) adjustment accuracy**

Dual protection by hydraulic system and electronic limit switches. The response time for tramp-iron passing is around 0.3 seconds, much faster than traditional spring-type cone crushers. Remote electric CSS adjustment is available under full-load conditions with an adjustment tolerance ≤ 1 mm. Some older imported models require machine shutdown for setting adjustment with a tolerance of ± 5 mm.

5. **Simplified overall structure for low-threshold on-site maintenance**

Most inspection work and liner replacement can be carried out from the top without complete machine disassembly. No specialized factory engineers are required; routine maintenance and repairs can be performed by local mine fitters, so overseas projects do not need to rely on after-sales support from abroad.

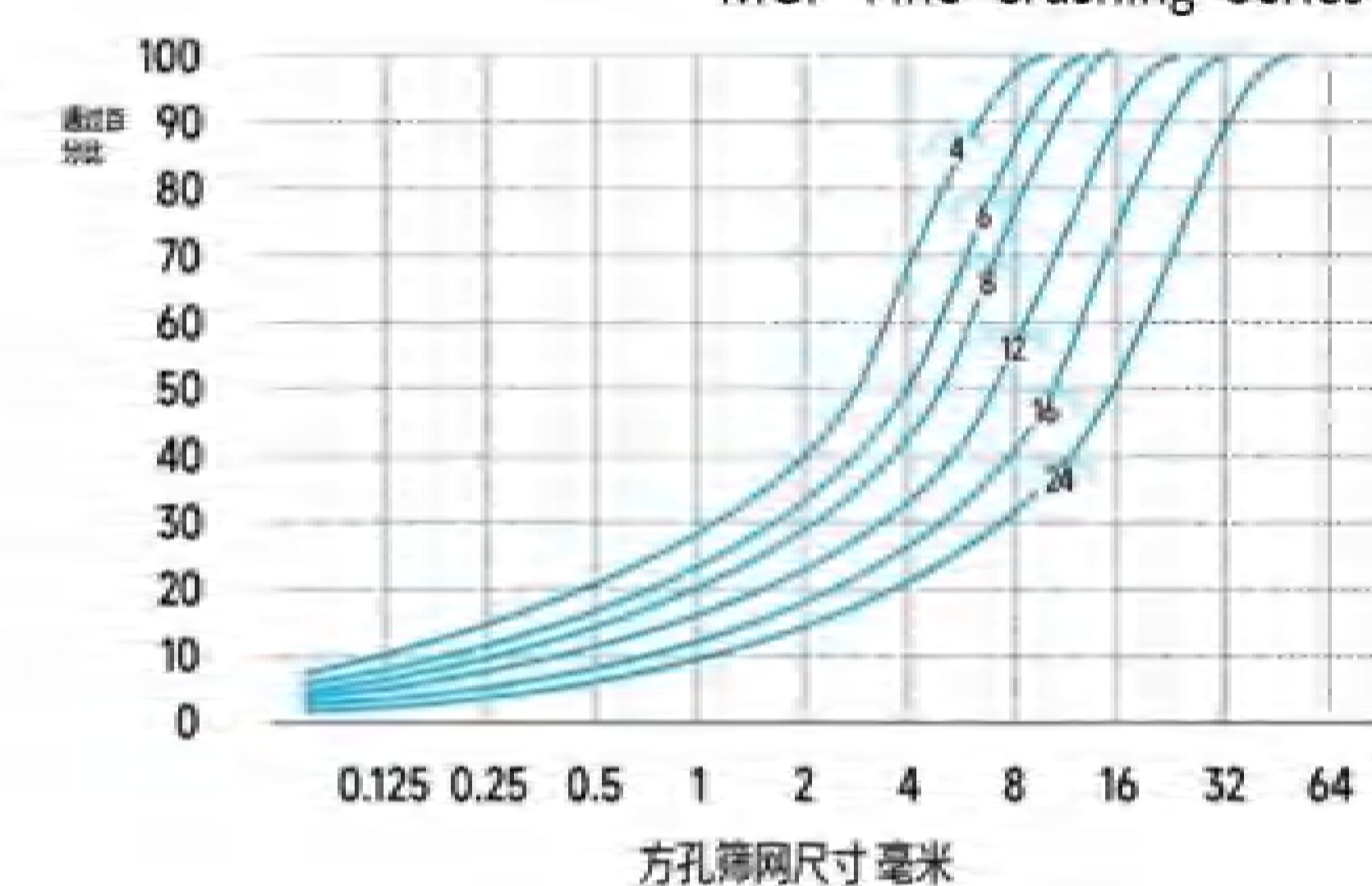
Model	Max Feed (mm)	Discharge (mm)	Optional Eccentricity (mm)	Power (kW)	Capacity (t/h)	Weight (t)
GPL100S	210	20-45	16, 20, 25 mm	90	80-250	7.7
GPL200S	290	25-50	18, 25, 28, 32, 36 mm	160	115-360	11.2
GPL300S	330	25-50	18, 22, 25, 28, 32, 36 mm	250	175-480	17.1
GPL500S	440	45-80	18, 25, 28, 32, 36, 40 mm	355	310-860	34.3
GPL100	135	7-25	16, 20, 25 mm	90	40-105	6
GPL200	180	8-35	18, 25mm	160	70-210	10.6
GPL300	190	8-35	25, 32mm	250	105-340	15.5
GPL550	235	10-45	25, 28, 32, 36, 40, 45 mm	400	140-575	28.7



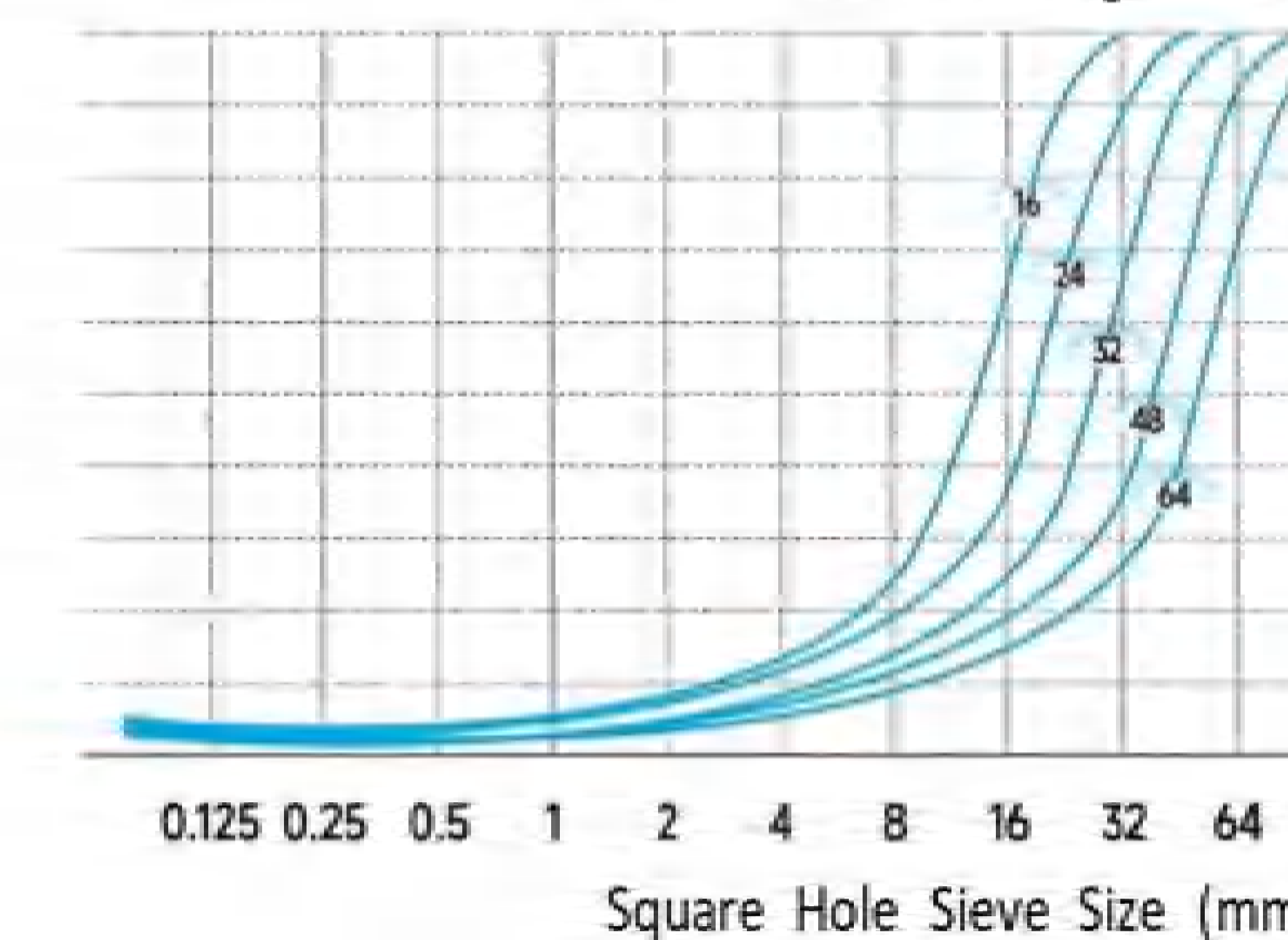
Capacity (t/h) at Different Closed-Side Discharge Opening Sizes

Model — Closed-Side Discharge Opening Size (mm)	20	25	30	35	40	45	50	55	60	65	70-90
GPL100S	80-90	105-130	120-200	135-240	150-250	160-235					
GPL200S		115-150	145-180	160-290	185-330	205-360	235-270				
GPL300S		175-200	175-280	195-410	215-510	240-540	260-360				
GPL500S						310-360	335-710	385-760	410-960	435-1060	
Model — Closed-Side Discharge Opening Size (mm)	6	8	10	15	20	25	30	35	40		
GPL100	40-55	45-70	50-80	55-110	70-110						
GPL200		70-90	80-130	105-175	120-230	150-265	165-280	180-260			
GPL300		105-145	110-190	130-260	155-300	180-350	210-390	265-360			
GPL550			140-165	160-310	190-340	230-410	250-450	280-510	350-450		

MGP Fine Crushing Series



MGP Medium Crushing Series



Note: The above data is for reference only. Actual working conditions may change. Please consult for details.

GPL Series Single-Cylinder Cone Crusher



HPL Series Multi-cylinder Hydraulic Cone Crusher

Working Principle

The HPL series cone crusher is driven by an eccentric assembly powered by an electric motor, which causes the mantle to perform a gyratory swinging motion. Material inside the crushing chamber is crushed in a continuous cycle — alternately compressed as the mantle approaches the concave, and discharged as the mantle moves away.



Crusher Model	Crushing Chamber	Standard			Short Head			Head diameter (mm)	Power (KW)	weight (T)
		Closed Feeding	Opening Feeding	Min Discharge	Closed Feeding	Opening Feeding	Min Discharge			
HPL100	Super Fine				20	50	6	735	90	6.4
	Fine				50	97	9			
	Medium				70	100	9			
	Coarse				100	124	13			
HPL200	Super Coarse				150	176	21	940	132	12.1
	Fine	95	128	14	25	66	6			
	Medium	125	156	17	54	70	6			
	Coarse	185	208	19	76	114	10			
HPL300	Super Coarse							1120	220	18.1
	Fine	107	148	13	25	72	6			
	Medium	150	190	16	53	100	8			
	Coarse	211	240	20	77	123	10			
HPL400	Super Coarse	233	267	25				1320	315	25.6
	Fine	111	164	14	40	104	6			
	Medium	198	245	20	52	107	8			
	Coarse	252	292	25	92	143	10			
HPL500	Super Coarse	299	333	30				1520	355	37
	Fine	133	182	16	40	105	8			
	Medium	204	246	20	57	116	10			
	Coarse	286	322	25	95	152	13			
HPL800	Super Coarse	335	372	30				1650	600	64.1
	Fine	219	264	16	33	98	6			
	Medium	267	308	25	92	150	10			
	Coarse	297	340	32	155	210	13			
	Super Coarse	353	375	32						

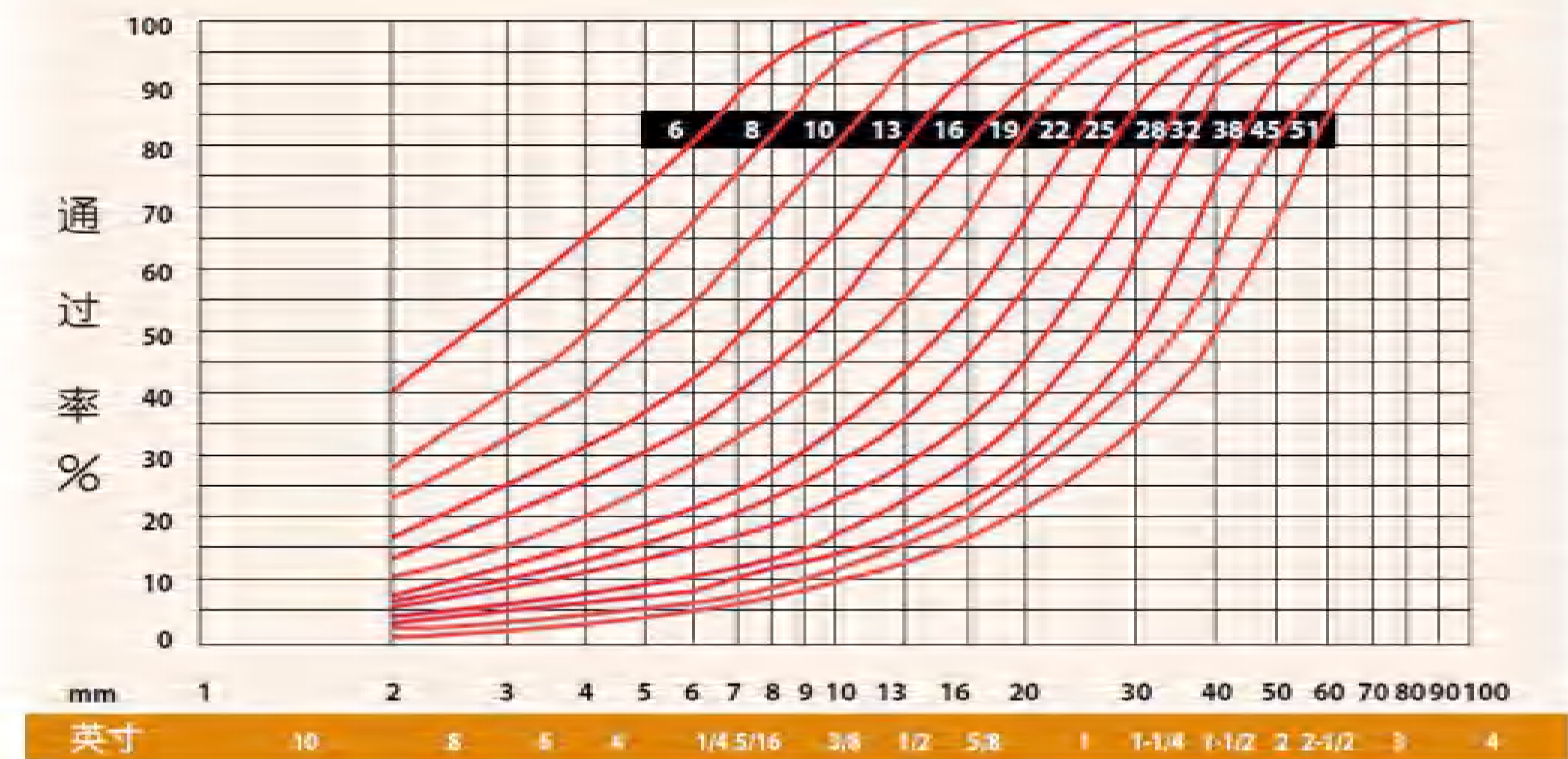
Cavity	Crusher Model					
	HPL3		HPL4		HPL6	
	Minimum setting (A)	Feed opening (B)	Minimum setting (A)	Feed opening (B)	Minimum setting (A)	Feed opening (B)
Extra fine	8 mm (0.31")	18 mm (0.78")	8 mm (0.31")	67 mm (2.64")	9 mm (0.35")	52 mm (2.05")
Fine	11 mm (0.43")	95 mm (3.74")	10 mm (0.39")	116 mm (4.55")	13 mm (0.52")	106 mm (4.17")
Medium	15 mm (0.59")	156 mm (6.15")	16 mm (0.63")	158 mm (6.22")	20 mm (0.79")	196 mm (7.71")
Coarse	20 mm (0.79")	183 mm (7.20")	25 mm (1.00")	203 mm (7.99")	25 mm (1.00")	279 mm (10.98")
Extra coarse	25 mm (1.00")	200 mm (7.89")	28 mm (1.10")	237 mm (9.33")	30 mm (1.20")	328 mm (12.91")
Head diameter (mm)	1000		1120		1400	
Power (KW)	250		315		500	
weight (T)	16.1		24.2		44.5	



HPL Series Multi-cylinder Hydraulic Cone Crusher

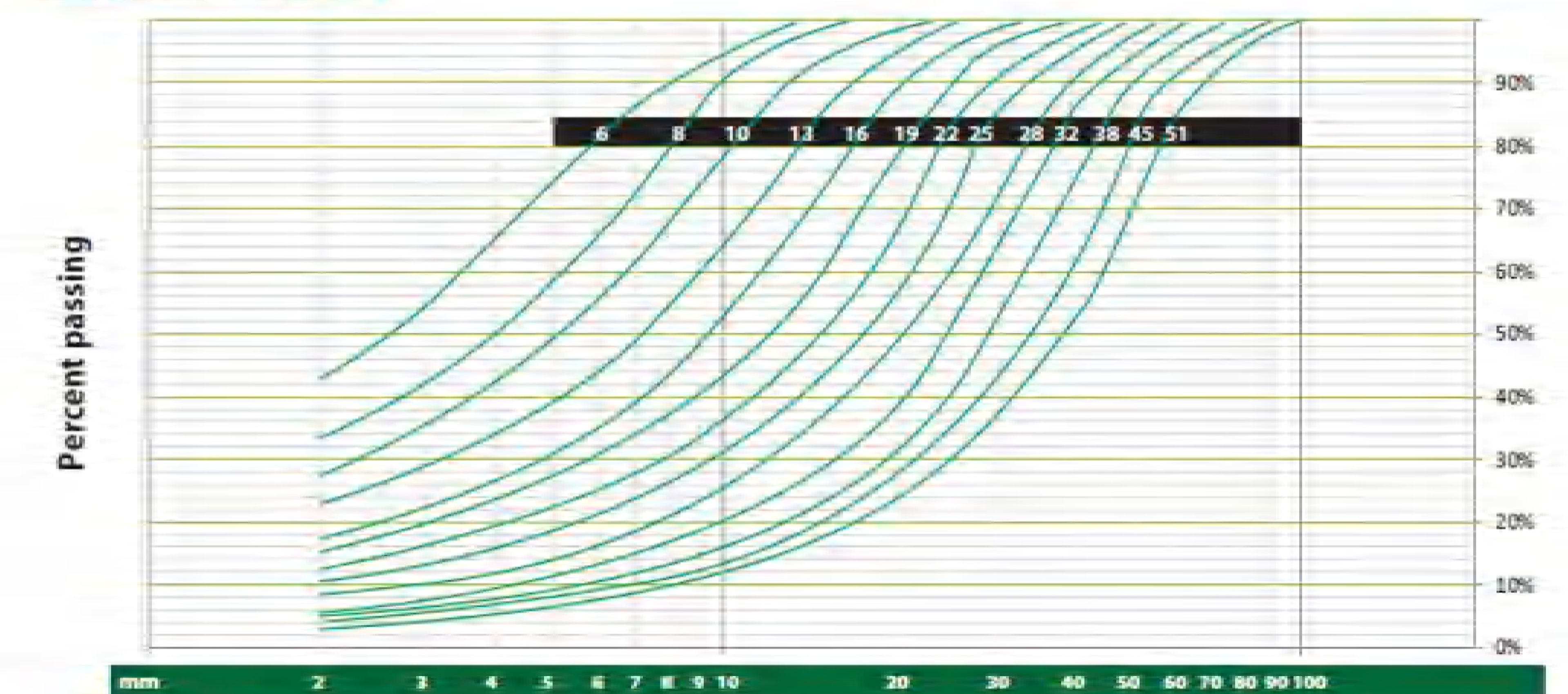
Closed-Side Discharge Opening Discharging Opening in Closed Side

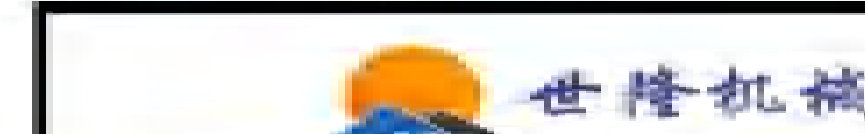
Model	Ton per Hour (t/h)	6mm	8mm	10mm	13mm	16mm	19mm	22mm	25mm	32mm	38mm	45mm	51mm
HP100	Mtph	40-50	45-55	50-65	55-75	65-85	70-90	75-99	80-105	95-135			
HP200	Mtph			85-115	115-145	135-175	145-185	155-195	165-215	185-230	205-245		
HP300	Mtph			110-135	145-180	175-215	195-235	215-255	225-275	245-315	295-375	345-435	
HP400	Mtph			135-170	180-225	220-275	250-315	270-340	290-365	320-425	355-485	405-555	460-625
HP500	Mtph			170-215	225-285	275-345	315-395	340-425	360-450	400-530	440-600	505-695	575-785
HP800	Mtph			255-330	320-420	380-495	430-540	485-595	490-725	540-795	595-945	685-1045	780-1195



Closed Side Setting											
Model	CSS	8 mm (5/16")	10 mm (3/8")	13 mm (1/2")	16 mm (5/8")	19 mm (3/4")	22 mm (7/8")	25 mm (1")	32 mm (1 1/4")	38 mm (1 1/2")	45 mm (1 3/4")
HP3	Mtph	94-122	108-147	136-185	164-220	182-241	199-262	210-279	217-307	251-349	279-388
	stph	104-135	119-162	150-204	181-243	200-266	219-289	231-308	239-339	277-385	308-427
HP4	Mtph	135-175	155-210	195-265	235-315	260-345	285-375	300-400	310-440	360-500	400-555
	stph	150-190	170-230	215-290	260-345	285-380	315-410	330-440	340-485	395-550	440-610
HP6	Mtph		220-300	280-380	335-450	370-490	410-535	430-570	440-630	515-715	570-790
	stph		245-330	310-415	370-495	410-540	450-590	470-630	490-690	585-785	630-870

Gradation curves*





Symons Series Cone Crusher

Working Principle:

The Symons Series Cone Crusher crushes materials through the combined action of "extrusion + bending + grinding". Its core lies in achieving graded crushing by means of the gap variation between the crushing cone and the fixed cone liner.



Advantages of Symons Cone Crusher

The Symons Cone Crusher boasts multiple advantages, including high production efficiency, good product grain shape, high equipment reliability, and easy maintenance, with details as follows:

High Production Efficiency: Through optimized cavity design and the combination of reasonable speed and stroke, this crusher delivers the maximum work output under the condition of the same crushing cone diameter. Compared with other spring cone crushers of the same type, it features higher performance and production capacity.

Good Product Grain Shape: Adopting the laminated crushing principle, it significantly increases the proportion of cubical particles in the product, reduces needle-like and flaky stones, and makes the particle size more uniform. This better meets the market demand for high-quality sand and gravel materials.

High Reliability: It adopts a large-diameter main shaft, a heavy-duty main frame, and an automatic control system with an independent thin oil lubrication system, ensuring the equipment is robust, durable, and reliable in operation.

Good Stability: When uncrushable materials such as iron blocks enter the machine, the iron passing protection device will automatically discharge them and then reset automatically. It also has a fixed discharge opening return point—after the iron impurities pass through the crushing cavity, the original discharge opening can be quickly restored, ensuring stable operation of the equipment.

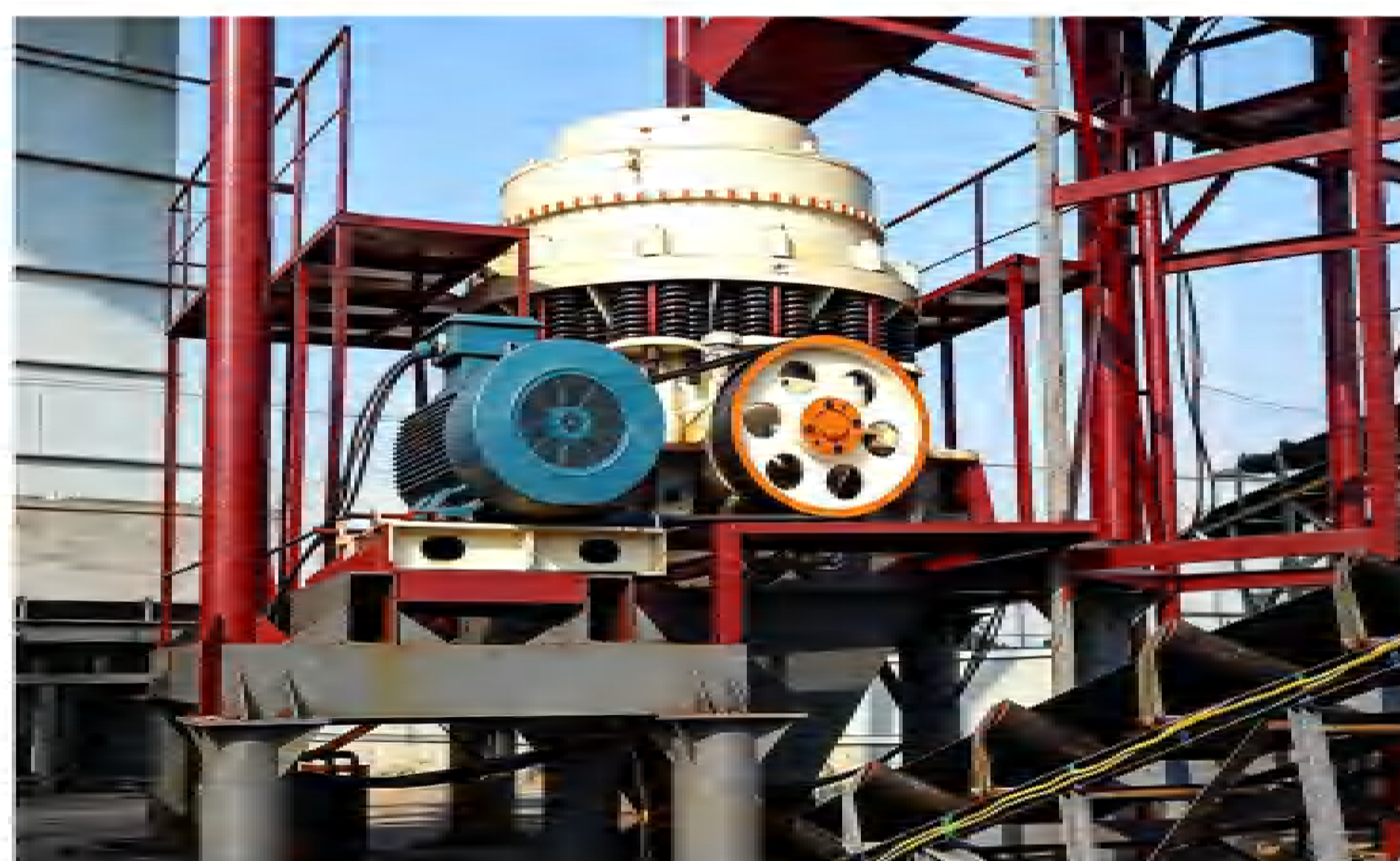
Easy Cavity Cleaning: If the cone crusher shuts down under load, the hydraulic cavity cleaning system can quickly clean the crushing cavity, greatly reducing downtime and improving equipment utilization.

Easy Maintenance: All components can be disassembled and assembled from the top or side, allowing the fixed cone and crushing cone assemblies to be easily removed for maintenance. In addition, the bronze sliding bearings can maintain excellent load-bearing performance in high-impact and vibrating crushing environments, and are more economical and easier to maintain than rolling bearings.

Low Production Cost: Due to its large production capacity, high reliability, and easy maintenance, it reduces equipment downtime and maintenance costs, thereby significantly lowering the overall production cost.

Wide Application Range: It offers a variety of cavity combinations such as standard type and short-head type, which can be applied to various crushing processes from extra-coarse crushing to fine crushing, as well as different crushing scenarios including fixed crushing plants and mobile crushing stations.

Good Dustproof Effect: The unique dustproof sealing structure effectively prevents stone powder from entering the lubrication system, extending the oil change interval of the lubricating oil and the service life of parts.



Symons Series Cone Crusher

Working Principle:

The Symons Series Cone Crusher crushes materials through the combined action of "extrusion + bending + grinding". Its core lies in achieving graded crushing by means of the gap variation between the crushing cone and the fixed cone liner.

Model & specifications	Breaking diameter ft	Cavity type	Size of ore feed port (mm)		Minimum discharge open mm	Main Motor Power KW	Discharge outlet size mm	Capacity t/h	Weight (t)
			Closing side	Opening side					
PYS-B0910	3'(914mm)	Standard Type / Regular Type : Slim Type / Thin Type	83	102	10	75	10-22	45-91	14.3
PYS-B0917		Standard Type / Regular Type : Thick Type / Bold Type	159	175	13		13-38	59-163	
PYS-B0918		Standard Type / Regular Type : Extra Thick Type / Ultra Thick Type	163	178	25		25-38	118-163	
PYS-D0904		Short-Head Type : Slim Type / Thin Type	13	41	3		3-13	27-90	
PYS-D0906		Short-Head Type : Thick Type / Bold Type	33	60	3		3-16	27-100	
PYS-D0907		Short-Head Type : Extra Thick Type / Ultra Thick Type	51	76	6		6-19	59-127	
PYS-B1313	4½'(1295mm)	Standard Type / Regular Type : Slim Type / Thin Type	109	137	13	160	13-31	109-180	24.5
PYS-B1321		Standard Type / Regular Type : Medium Type	188	210	16		16-38	130-250	
PYS-B1324		Standard Type / Regular Type : Thick Type / Bold Type	216	241	19		19-51	170-350	
PYS-B1325		Standard Type / Regular Type : Extra Thick Type / Ultra Thick Type	238	259	25		25-51	236-360	
PYS-D1306		Short-Head Type : Slim Type / Thin Type	29	64	5		5-16	50-160	
PYS-D1308		Short-Head Type : Medium Type	54	89	6		6-16	74-160	
PYS-D1310	5½'(1676mm)	Short-Head Type : Thick Type / Bold Type	70	105	10	240	10-25	98-215	52.51
PYS-D1313		Short-Head Type : Extra Thick Type / Ultra Thick Type	98	133	19		19-25	180-225	
PYS-B1620		Standard Type / Regular Type : Slim Type / Thin Type	188	209	16		16-38	181-327	
PYS-B1624		Standard Type / Regular Type : Medium Type	213	241	22		22-51	258-417	
PYS-B1626		Standard Type / Regular Type : Thick Type / Bold Type	241	269	25		25-64	300-635	
PYS-B1636		Standard Type / Regular Type : Extra Thick Type / Ultra Thick Type	331	368	38		38-64	431-630	
PYS-D1607	7'(2134mm)	Short-Head Type : Slim Type / Thin Type	35	70	6	400	6-13	100-209	110
PYS-D1608		Short-Head Type : Medium Type	54	89	6		6-19	136-310	
PYS-D1613		Short-Head Type : Thick Type / Bold Type	98	133	10		10-25	190-336	
PYS-D1614		Short-Head Type : Extra Thick Type / Ultra Thick Type	117	158	13		13-25	253-336	
PYS-BC2127		Standard Type / Regular Type : Slim Type / Thin Type	253	278	19		19-38	540-800	
PYS-BC2133		Standard Type / Regular Type : Medium Type	303	334	25		25-51	670-1100	
PYS-BC2136	7'(2134mm)	Standard Type / Regular Type : Thick Type / Bold Type	334	369	31	400	31-64	870-1400	108
PYS-BC2146		Standard Type / Regular Type : Extra Thick Type / Ultra Thick Type	425	460	38		38-64	970-1500	
PYS-DC2110		Short-Head Type : Slim Type / Thin Type	51	105	6		6-16	300-450	
PYS-DC2113		Short-Head Type : Medium Type	95	133	10		10-19	390-560	
PYS-DC2117		Short-Head Type : Thick Type / Bold Type	127	178	13		13-25	500-660	
PYS-DC2120		Short-Head Type : Extra Thick Type / Ultra Thick Type	152	203	16		16-25	560-720	



CHL-CSL Series Single-Cylinder Cone Crusher

Working Principle

The working principles of the CHL Series and CSL Series Cone Crushers are similar. Both crush materials through the rotational swing of the moving cone: materials are subjected to impact, extrusion, and bending forces in the crushing cavity formed by the fixed cone and the moving cone, thereby achieving crushing.

Key Translation Notes



Product Advantages

Robust Structural Design: Adopting a spindle supported at both ends with hydraulic adjustment, both the upper frame and lower frame have undergone reinforcement and casting optimization. For example, the spindle strength of CHL870 has been increased by 65%, and the strength of the upper and lower frames has been improved by 50% compared to previous models, significantly enhancing the equipment's stability and service life.

Superior Crushing Performance: Equipped with high-power motors. For instance, when CHL870i is used for secondary crushing, its 600kW motor can provide stronger power, greater crushing force, and higher output at maximum eccentricity. The increased crushing force helps improve the crushing ratio, produce smaller products, and reduce the circulation load in the closed circuit. Another example is CSL660, which has a maximum feed particle size of 622mm and a maximum motor power of 315kW, capable of delivering powerful crushing momentum.

Model	Model	Maximum Feed Particle Size (mm)	Discharge Opening Size (mm)	Eccentricity Range (mm)	Power (kW)	Capacity (t/h)	Weight (t)
CSL430	CSL430	400	16-83	16-30	132	99-298	13
CSL440	CSL440	500	29-83	20-36	220	191-510	18.6
CSL660	CSL660	622	35-83	20-40	315	314-908	35
CHL420	CHL420	155	4-32	13-28	90	23-135	6
CHL430	CHL430	214	4-70	16-36	132	26-215	10
CHL440	CHL440	250	4-44	16-44	220	58-336	15
CHL660	CHL660	321	13-70	18-50	315	116-646	27.5
CHL860i	CHL860i	315	13-51	30-70	500	250-910	50.5
CHL870i	CHL870i	350	10-70	32-80	600	202-1370	72

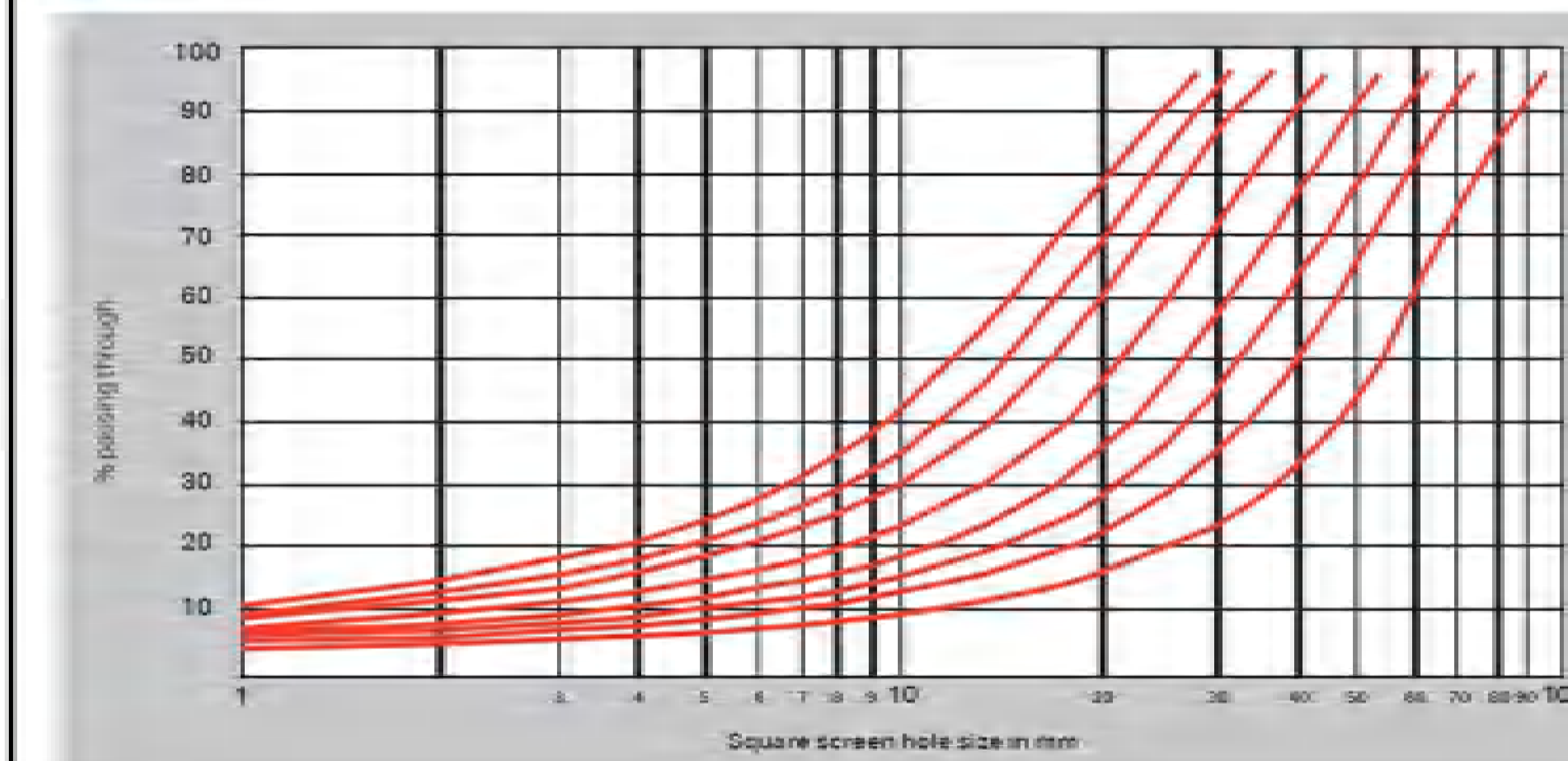
Capacity (t/h) Under Different Closed-Side Discharge Opening Sizes

Model -- Closed-Side Discharge Opening Size	16-25	29	32	35	38	41	44	48	51	54-83
CSL420	77-144	98-154	103-162	127-145	132	-	-	-	-	-
CSL430	137-209	147-277	154-290	161-304	168-281	175-330	182-304	192-281	218-250	225
CSL440	-	245	257-391	269-463	281-483	292-503	304-470	320-495	332-447	349-406
CSL660	-	-	-	335	331-464	345-602	359-626	378-658	392-683	406-589
Model -- Closed-Side Discharge Opening Size (mm)	4-10	13	16	19	22	25	30-32	38	44	51-70
CHL420	27-74	35-89	38-96	48-103	57-110	61-118	72-128	-	-	-
CHL430	48-106	59-140	63-151	68-162	72-173	77-184	93-208	109-208	218-250	225
CHL440	90-176	97-227	105-278	112-298	120-318	128-339	146-378	161-395	183-384	-
CHL660	-	192-304	162-369	184-426	186-480	192-510	222-582	249-645	273-662	317-511
Model -- Closed-Side Discharge Opening Size (mm)	8-10	13	16	19	22	25	29-32	35-38	41-44	48-70
CHL860i	-	250-292	259-495	278-553	297-614	316-655	360-744	379-823	407-901	461-910
CHL870i	202-259	219-450	236-521	254-559	271-631	288-721	311-822	363-908	398-995	438-1283

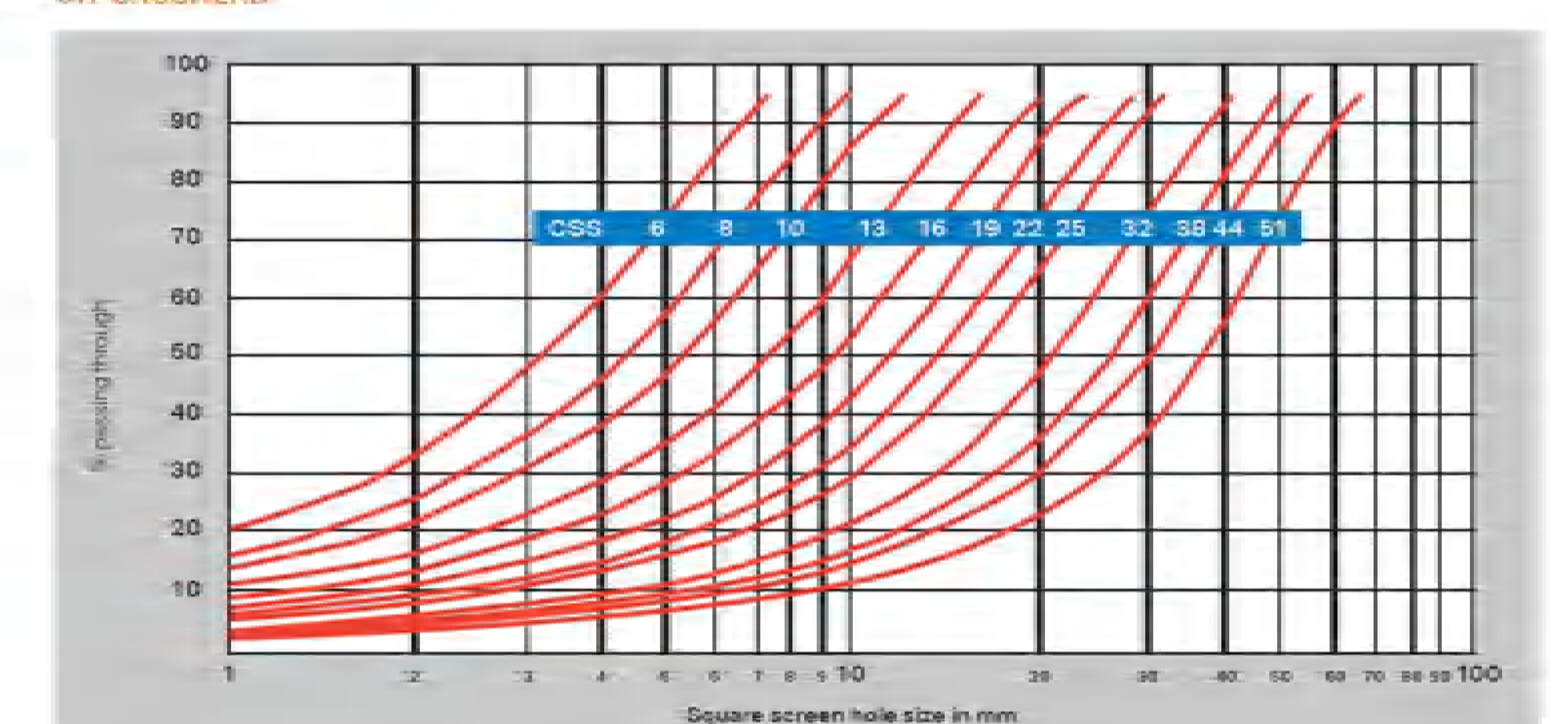


CHL-CSL Series Single-Cylinder Cone Crusher

CS-CRUSHERS



CH-CRUSHERS



Item	Features
1	Special Alloy Manganese Steel Liner, with Longer Service Life
2	Overload Protection System
3	Self-lubricating Sealing Ring, which provides effective dustproof protection
4	The lower frame arm is equipped with special alloy steel liners for wear resistance and protection
5	Hardened Spiral Bevel Gear Design, featuring low operating noise and long service life
6	Eccentric Bushing: Optimizing the product particle size curve and processing capacity is achievable by adjusting this component
7	The feed opening has a large size; the guard plate adopts a special alloy steel liner, which effectively resists wear
8	The main shaft is protected by replaceable bushings and internal lock nuts
9	Optimized crushing cavity design extends service life while maintaining the stability of the feed opening size
10	The gear backlash adjustment is convenient
11	The pinion shaft assembly has a robust structure and is convenient for disassembly, assembly and maintenance
12	The oil tank and heat dissipation system are equipped with heating and cooling functions, temperature and flow monitoring, as well as interlock protection

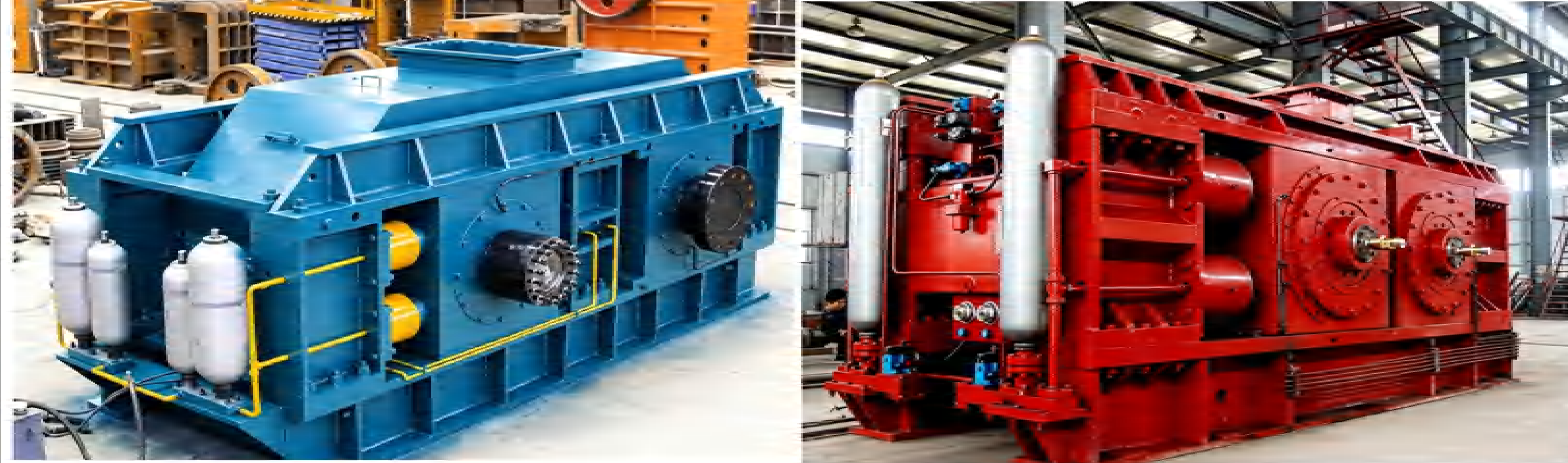




High-Pressure Grinding Rolls

Product Working Principle

The core working principle of the High-Pressure Grinding Rolls (HPGR) is consistent with that of traditional roller-type grinding equipment. Both comminute materials through the periodic extrusion and shear actions of two counter-rotating rolls. However, its structural design has been optimized, which can further improve grinding efficiency and operational stability. It is also a typical compression-type grinding



Product Advantages

The core product advantages of High-Pressure Grinding Rolls (HPGR) lie in its high grinding efficiency, low operating costs, and strong adaptability. It is particularly suitable for high-intensity fine grinding and pre-grinding scenarios such as large-scale mineral processing plants, cement raw material processing and metal ore beneficiation, and can balance production capacity with long-term operational economy.

1. Grinding Efficiency and Production Capacity Advantages:

High-pressure Extrusion Design + Optimized Roll Surface Structure**

High-pressure extrusion grinding chamber: Compared with traditional ball mill pre-grinding schemes, the throughput capacity is increased by 15-25%, which can reduce material agglomeration and realize continuous bed-of-material grinding, resulting in higher processing capacity per unit time.

Optimized roll surface structure: It combines the dual functions of "high-pressure extrusion comminution" and "material conveying". The crushed materials can quickly pass through the roll gap, avoiding over-grinding inside the grinding chamber and further improving the efficiency of continuous operation.

2. Operating Cost Advantages: Low Energy Consumption + Long Service Life of Wear Parts

Low-speed and high-grinding-force design: The rotating speed of the roller is kept at a low level. By applying large hydraulic pre-tightening force to enhance grinding pressure, high-hardness ores can be comminuted without high-speed impact, and the energy consumption is 10-20% lower than that of traditional grinding models.

Wear parts (roll sleeves, studs): Made of special wear-resistant alloy materials, and the surface of roll sleeves is optimized with stud profiling, ensuring uniform wear. The service life is extended by more than 20% compared with ordinary wear parts, reducing the frequency of replacement and the cost of spare parts.

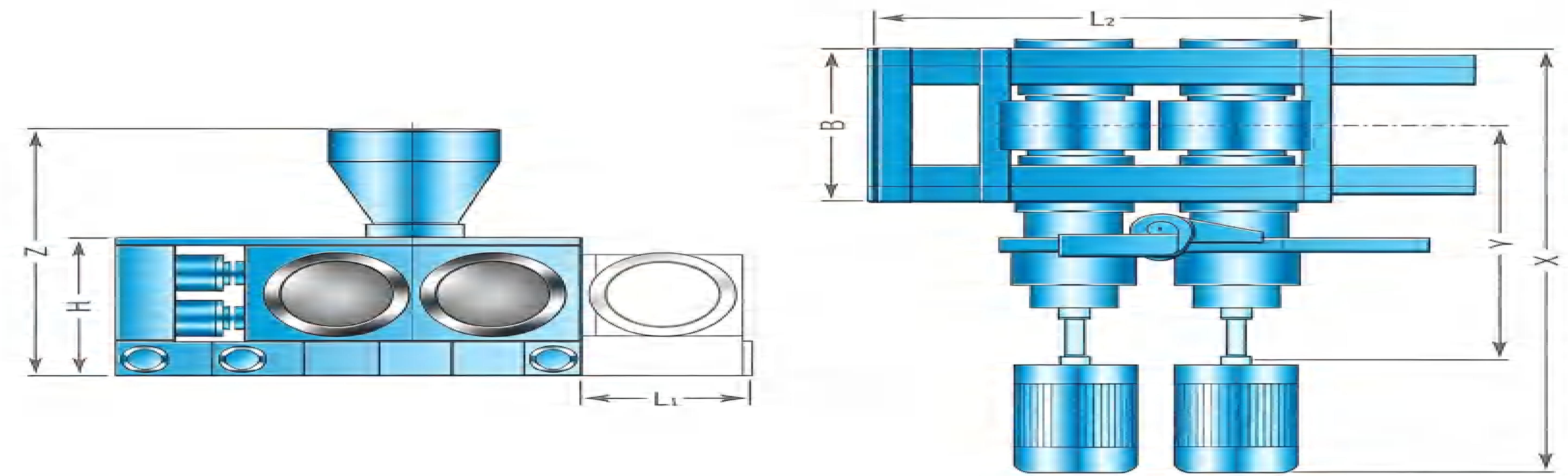
3. Stability and Adaptability Advantages: Robust Frame Structure + Flexible Parameter Adjustment

Integrated rigid frame: Adopting integral cast steel or high-strength welding technology, the frame has minimal deformation. When grinding high-hardness ores with high compression strength, it can still ensure stable relative position of two rollers, resulting in uniform product particle size and reduced equipment vibration and noise.

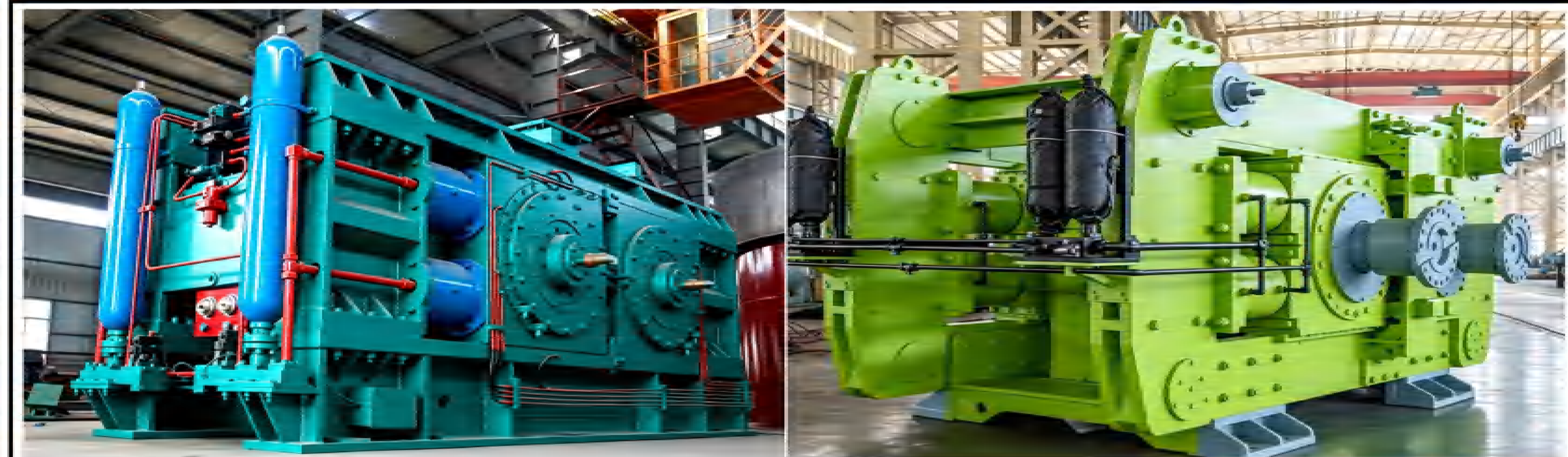
Hydraulic intelligent pressing system: The machine is equipped with hydraulic pre-tightening adjustment device, which can complete the switching of grinding pressure and roll gap size within a short time (without disassembling components) to meet the needs of different downstream processes. At the same time, it has a built-in overload protection function. When encountering uncrushable foreign objects such as iron blocks, it automatically releases pressure to avoid damage to core components (hydraulic cylinder, bearing assembly) and reduce downtime for maintenance.

4. Long-Term Use and Maintenance Advantages: Easy Maintenance + Strong Adaptability

Structure design simplifies maintenance processes: Convenient maintenance ports are reserved for key components (such as bearings, hydraulic units). Daily maintenance does not require disassembly of the entire machine, and operations such as lubrication, inspection and partial wear-part replacement can be completed by a small number of operators, reducing maintenance man-hours by 30%.



Model	9565	1165	1180	1465	1480	1595	1511	1710	1712	1714	1815	2015	2015	2215	2416	2617
Rolls Diameter /mm	950	1100		1400		1520	1520	1700	1700		1850	2000	2000	2200	2400	2600
Rollers Width /mm	650	650	800	650	800	950	1100	1000	1200	1400	1500		1500	1550	1650	1750
Grinding preload / KN	2700	3400		4300		7000			8600		11000		13500	17000		20000
Power / Kw	2×220	2×450		2×500		2×800			2×1600		2×1850		2×250 0	2×2800		2×340 0
L1/mm	1150	1150		1600		1720	1720	1900	1900	1900	2050	2200	2200	2400	2600	2800
L2/mm	2785	2785		3735		4305	4305	4490	4870	4870	5220	5365	5805	6370	6575	7215
B/mm	1860	1860		2164		3030	3030	3030	3000	3500	3310	3460	3610	3820	3820	4150
H/mm	1371	1371		1895		2095	2095	2220	2390	2370	2635	2855	2795	3160	3180	3510
Y/mm	3620	3620		4497		5316	5316	5230	6273	6523	6757	6727	7336	7401	7401	7550
X/mm	4550	4550		5600		6900	6900	6800	7800	8300	8400	8500	9200	9300	9300	9600





Wet Grate Ball Mill



PARAMETER

Model	Shell			Motor		Size (mm)			Effective Volume (m³)	Maximum Ball Charge (t)	Weight (kg)	Remark
	Diameter mm	Length mm	Rotary r/min	Model	Power kw	Length	Width	Height				
MQG0909	900	900	39.2	Y225S-8	18.5	4027	2213	2015	0.45	0.96	4400	
MQG0918	900	1800	39.2	Y225M-8	22	4196	2336	2015	0.9	1.92	5340	
MQG1212	1200	1200	31.3	Y250M-8	30	4500	2104	1733	1.1	2.4	11438	
MQG1224	1200	2400	31.3	Y280M-8	45	5764	2104	1733	2.4	4.6	13200	
MQG1515	1500	1500	30.9	JR115-8	60	6094	2743	2170	2.5	5	13120	
MQG1530	1500	3000	30.9	JR117-8	80	6800	2743	2170	5.08	8.6	19166	
MQG1545	1500	4500	30.9	JR127-8	130	9085	3091	2170	6.57	11.3	22147	
MQG2122	2100	2200	24.05	JR128-8	155	7750	4450	3533	6.6	16	42500	
MQG2130	2100	3000	24.05	JR137-8	210	8330	4450	3533	9	20	44260	
MQG2145	2100	4500	24.05	JR138-8	245	9933	4450	3533	13	23.5	50348	
MQG2430	2400	3000	22.5	JR138-8A	280	8823	5113	3894	12.1	22.5	58328	
MQG2436	2400	3600	22.5	JR138-8B	320	9455	5113	3894	14.5	26	61308	
MQG2727	2700	2700	21.6	JR138-8B	320	8643	5722	4674	15.3	30	83145	
MQG2736	2700	3600	21.6	JR1510-8	400	10463	5942	4674	18.4	36	89120	
MQG2745	2700	4500	21.6	TDMK500-32	500	11471	5907	4674	23	45	109318	
MQG3236	3200	3600	18.5	TDMK630-36	630	12442	7030	5150	25.6	51	144241	
MQG3245	3200	4500	18.5	TDMK800-36	800	13975	7030	5150	32.8	65	153390	
MQG3639	3600	3900	17.3	TDMK1000-40	1000	15000	7200	6300	36.2	75	168800	
MQG3645	3600	4500	17.3	TDMK1250-40	1250	15200	7750	6300	41.8	90	179900	
MQG3650	3600	5000	17.3	TDMK1400-40	1400	17600	7750	6300	46.4	96	183000	
MQG3660	3600	6000	17.3	TDMK1600-40	1600	17000	8800	6500	55.7	120	204000	
MQG4060	4000	6000	16.2	TDMK1700-30	1700	17400	9500	7600	69.8	137	214000	
MQG4560	4500	6000	15.3	TDMK2300-30	2300	17800	10500	7600	87	158	294000	



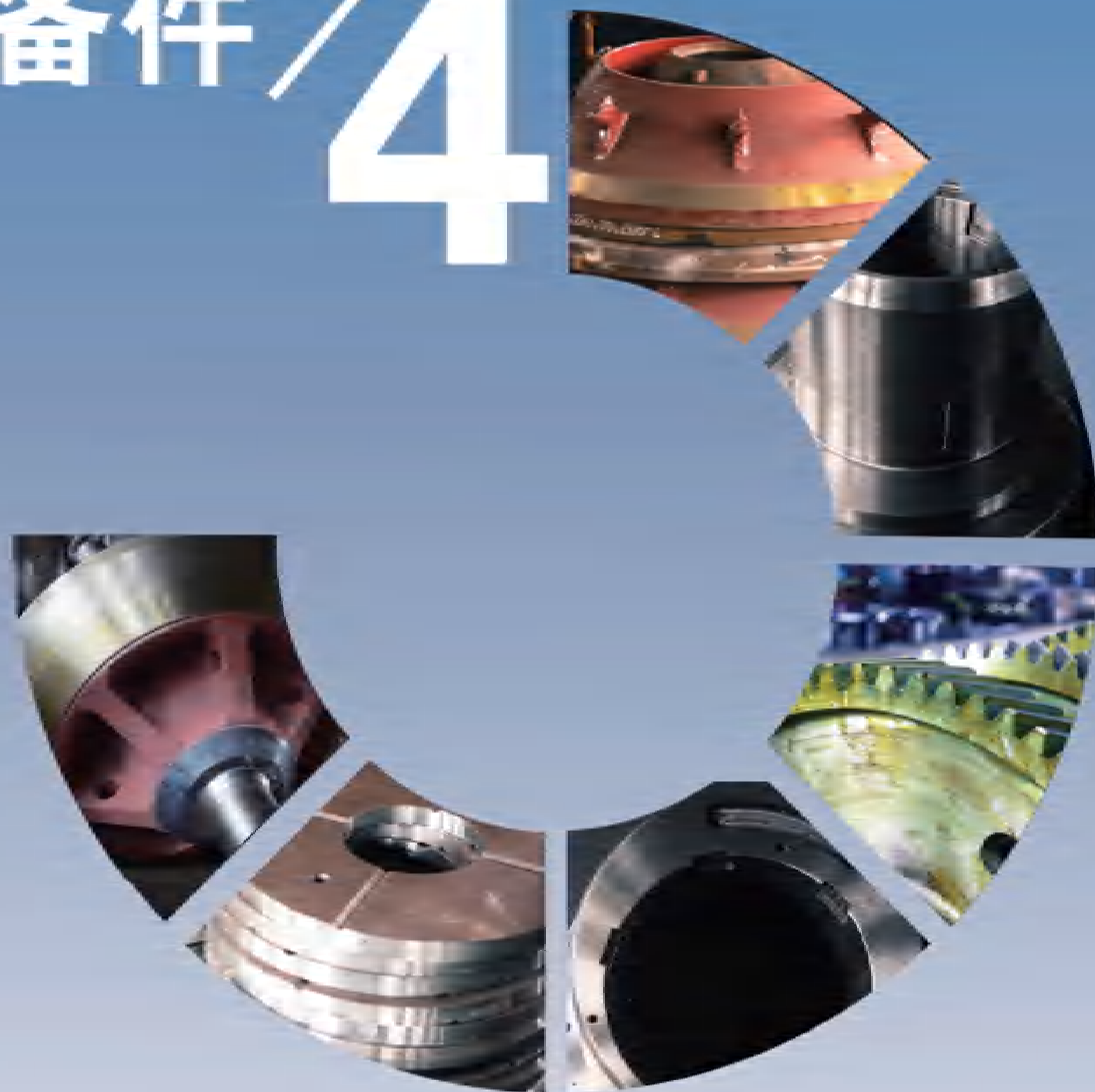
Vibrating Screen

Product Advantage: The greatest advantage of the product is its strong adaptability, wear resistance, and long service life in harsh environments.



Model	Mesh count	Screen inclination angle	Screen area/m²	Vibration Frequency/(min)	Double amplitude /mm	capacity (m³/h)	Power/kw	External mm	Weight/kg
2YK1224	2	15	2.88	970	'6-8	20 - 120	5.5	2673×238	1750
YK1235	1	15	4.2	970	'6-8	20 - 150	5.5	3621×246	1729
2YK1235	2	15	4.2	970	'6-8	20 - 150	7.5	3621×239	2476
3YK1235	3	15	4.2	970	'6-8	20 - 150	7.5	3710×252	3158
4YK1235	4	15	4.2	970	'6-8	20 - 150	11	3710×252	4160
YK1545	1	17.5	6.75	970	'6-8	20 - 150	11	4904×304	3319
2YK1545	2	17.5	6.75	970	'6-8	20 - 150	15	5042×309	5308
3YK1545	3	17.5	6.75	970	'6-8	20 - 150	15	4972×309	5915
4YK1545	4	17.5	6.75	970	'6-8	20 - 150	18.5	4915×315	7260
YK1548	1	17.5	7.2	970	'6-8	20 - 150	11	5190×304	3319
2YK1548	2	17.5	7.2	970	'6-8	20 - 150	15	5265×314	5284
3YK1548	3	17.5	7.2	970	'6-8	20 - 150	15	5200×309	6186
4YK1548	4	17.5	7.2	970	'6-8	20 - 150	18.5	5200×315	7284
YK1860	1	20	10.8	970	'6-8	32 - 350	15	6302×336	4651
2YK1860	2	20	10.8	970	'6-8	32 - 350	18.5	6302×345	6195
3YK1860	3	20	10.8	970	'6-8	32 - 350	18.5	6302×345	7613
4YK1860	4	20	10.8	970	'6-8	32 - 350	22	6302×350	8650
YK2160	1	20	12.6	970	'6-8	66 - 720	18.5	6302×373	4917
2YK2160	2	20	12.6	970	'6-8	66 - 720	22	6302×395	6856
3YK2160	3	20	12.6	970	'6-8	66 - 720	30	6302×395	9112
4YK2160	4	20	12.6	970	'6-8	66 - 720	30	6302×395	11405
YK2460	1	20	14.4	970	'6-8	75 - 750	18.5	6302×415	5243
2YK2460	2	20	14.4	970	'6-8	75 - 750	30	6302×430	8503
3YK2460	3	20	14.4	970	'6-8	75 - 750	30	6302×430	10411
4YK2460	4	20	14.4	970	'6-8	75 - 750	30	6302×430	12068
2YK2475	2	20	18	970	'6-8	120 - 900	30	7812×430	10709
3YK2475	3	20	18	970	'6-8	120 - 900	37	7718×439	13400
4YK2475	4	20	18	970	'6-8	120 - 900	45	7718×449	15500
YK3060	1	20	18	970	'6-8	200 - 900	30	6302×494	14052
2YK3060	2	20	18	970	'6-8	200 - 900	37	6207×494	17185
3YK3060	3	20	18	970	'6-8	200 - 900	45	6207×494	19200
4YK3060	4	20	18	970	'6-8	200 - 900	45	6207×494	21080

Spare Parts 备件 / 4



MINING MACHINERY COMPONENTS

矿山机械零部件

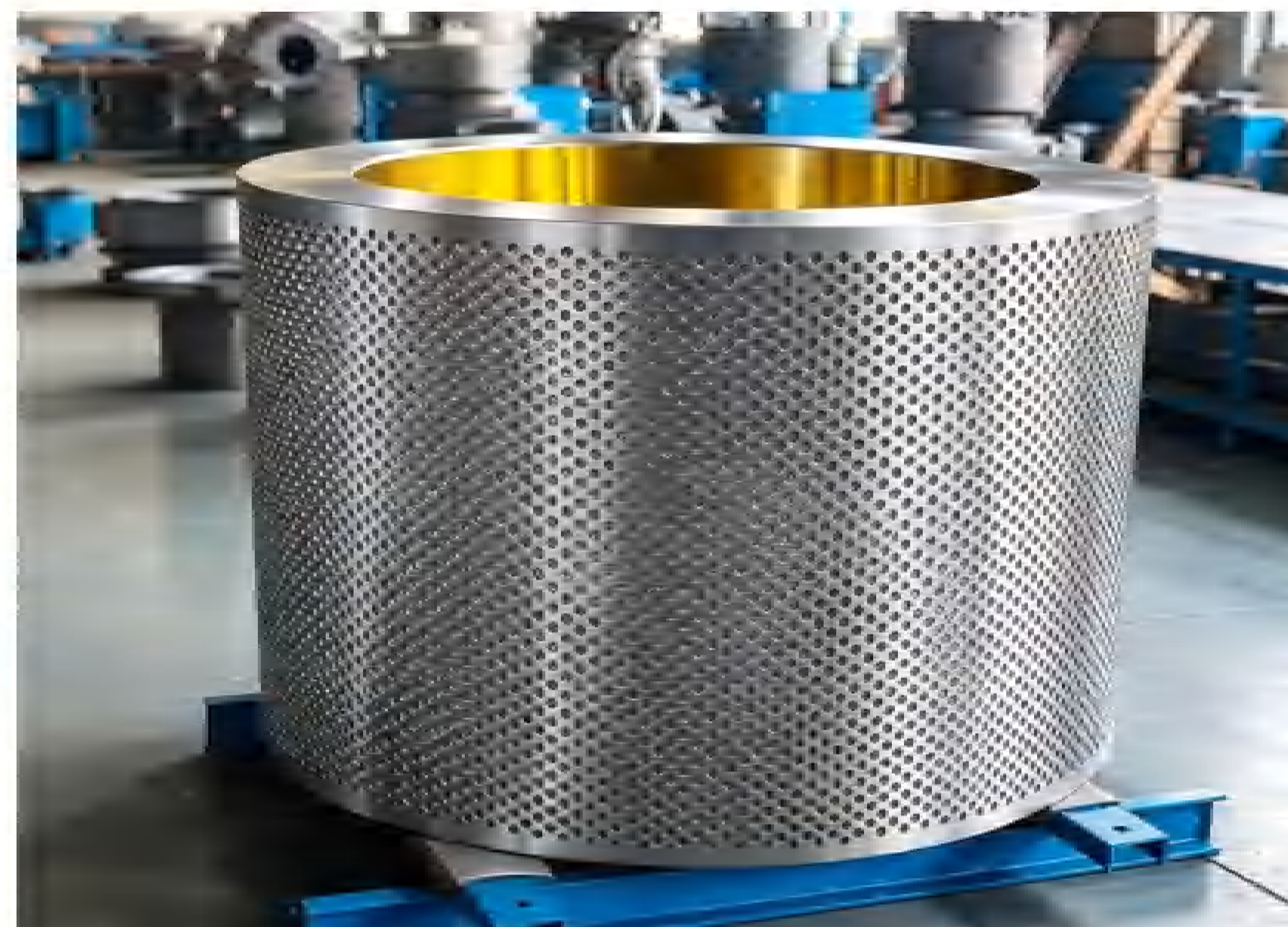


MINING MACHINERY COMPONENTS

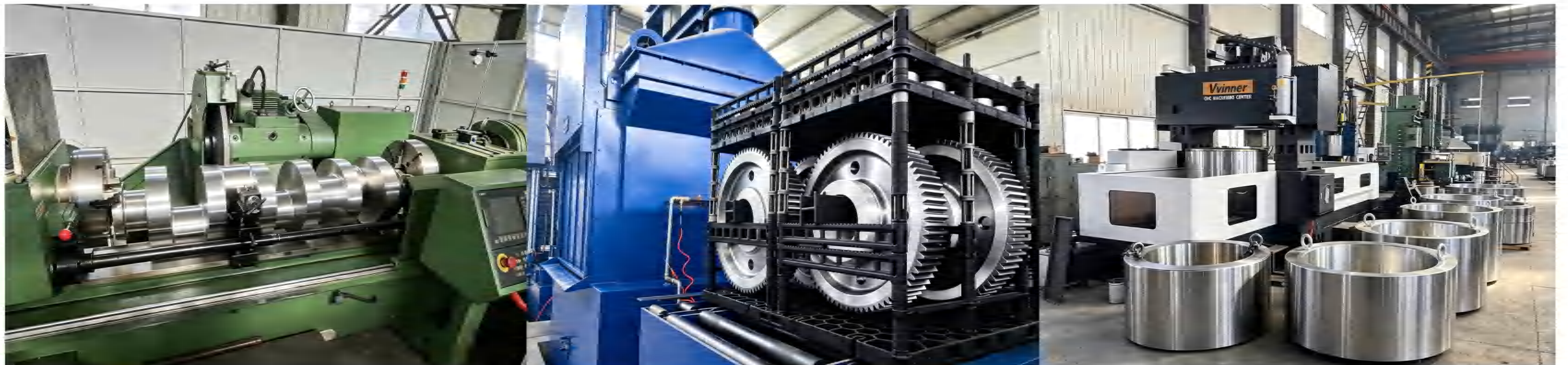
矿山机械零部件











矿山破碎设备 和筛分设备生产线

Mine crushing equipment and screening Production Line

15

沈阳世隆在矿山行业的破碎设备和筛分设备上，有着20年的生产制造和安装经验。通过最开始东北老工业基地的制造业沉淀，沈阳世隆从最早的沈阳重型的老弹簧破碎机的制造，逐步发展为OEM世界各类国际品牌的破碎机，并且在质量和价格上也得到了客户的一直好评。

Shenyang Shilong has 20 years of experience in manufacturing and installing crushing equipment and screening equipment in the mining industry. Through the accumulation of the manufacturing industry in the old Northeast industrial base, Shenyang Shilong has gradually developed from the earliest Shenyang heavy-duty old spring crusher manufacturing to OEM crushers of various international brands in the world, and has also been recognized in terms of quality and price. Customers have always praised.





全球展会

Shilong Global Exhibition

6



世隆机械
-SHILONG MECHANICAL-



近些年来，沈阳世隆大力发展全球市场。为了快速占领市场，推广Shilong品牌。Shenyang Shilong不计成本的全球范围内参加展会，现阶段，Shilong品牌已经得到了一些国家和地区客户的初步认可。在未来，我们将再接再厉，势必将Shilong品牌推广到全球。

In recent years, Shenyang Shilong has vigorously developed the global market. In order to quickly occupy the market, promote the Shilong brand. Shenyang Shilong participates in exhibitions all over the world regardless of cost. At this stage, Shilong brand has been initially recognized by some countries and customers. In the future, we will make persistent efforts to promote the Shilong brand to the world.



FACE THE WORLD

全球展会

Shilong Global Exhibition

6



FACE THE WORLD

世隆质量担保

Shilong Quality Assurance

7

世隆工厂从建厂以来，一切以质量为主，始终坚持把质量放在第一位。从选材开始，我们的锻件和铸件采购全部为大型的铸造及锻造工厂，并要求提供详细的材质单和机械性能。对每一批铸件和锻件，均要求提供详细的探伤报告。对于特殊要求的客户，我们将对原材料材质进行回厂材质检测和探伤检测。

对于每一件产品，我们都严格把控其生产流程。对每一个生产工艺流程设置相关节点。并要求检验人员在每个节点环节进行检测。如检测出不合格产品，立刻进行报废处理。并提供给客户每个工艺节点的检验报告。在检测方面，我们除了有常规的检验工具以外，也有特殊的检测设备。在尺寸检测上，我们有关节臂三坐标检测，在常规尺寸检测的基础上，利用三坐标进行复检。并对每一个形位公差进行检验。在探伤检测上，我们对每一个铸件和锻件进行表面检测，超声波探伤检测及磁粉探伤检测。对于有特殊要求的客户，还可以进行材质光谱检测及金属金相检测。

Since the establishment of Shilong Factory, everything has been based on quality, and it has always insisted on putting quality first. Starting from material selection, all our forgings and castings are purchased from large casting and forging factories. And request to provide a detailed list of materials and mechanical properties. A detailed flaw detection report is required for each batch of castings and forgings. For customers with special requirements, we will carry out material testing and flaw detection on raw materials.

For each product, we strictly control its production process. Set relevant nodes for each production process. And require inspectors to conduct inspections at each node. If unqualified products are detected, they shall be discarded immediately. And provide customers with inspection reports for each process node. In terms of testing, in addition to conventional testing tools, we also have special testing equipment. In terms of size inspection, we have three-coordinate inspection of articulated arms. On the basis of conventional size inspection, we use three-coordinate re-inspection. And check each geometric tolerance.

