



ACE

STRONGLY BUILT THUS Powerful Crushing

- Impact Crusher
- Cone Crusher
- Vibrating Screen
- Mobile Crusher Plant
- Jaw Crusher
- Sand Washer

ACE

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ACE

Asian Construction Equipment Group Co., Ltd.



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Snapshot of ACE Group

Asian Construction Equipment Group Co., Ltd. (ACE) has become a professional Chinese company dedicated to the R&D, production, sales, and service of construction and engineering equipment after 21 years of development.

ACE is now renowned for its cutting-edge first products, such as excavators, bulldozers, and backhoe loaders. ACE manufactures and supplies a full range of each above product, gaining an international reputation. The lineups come in various sizes and application scenes, aimed to satisfy almost all the demands of the whole global market. Whether it's our excavators, bulldozers, or backhoes, they all embody a perfect combination of innovative technologies and key components of world-famous brands, which ensures their reliability and durability.

Adhering to the development concept of "Making Our Customers Successful", our team has the capability of giving you worry-free service from beginning to end, striving to contribute value to global infrastructure building. By far, ACE's products have shown their presences in more than 70 countries and regions in Oceania, the Middle East, Africa, Eastern Europe, Southeast Asia, and South America.

Strength At A Glance



20+

20+ Years of History

90000

Total Occupied Area of 90,000m²

300+

Over 300 Staff, R&D Personnel 5%

600+

Annual Output of 600+ Machinery

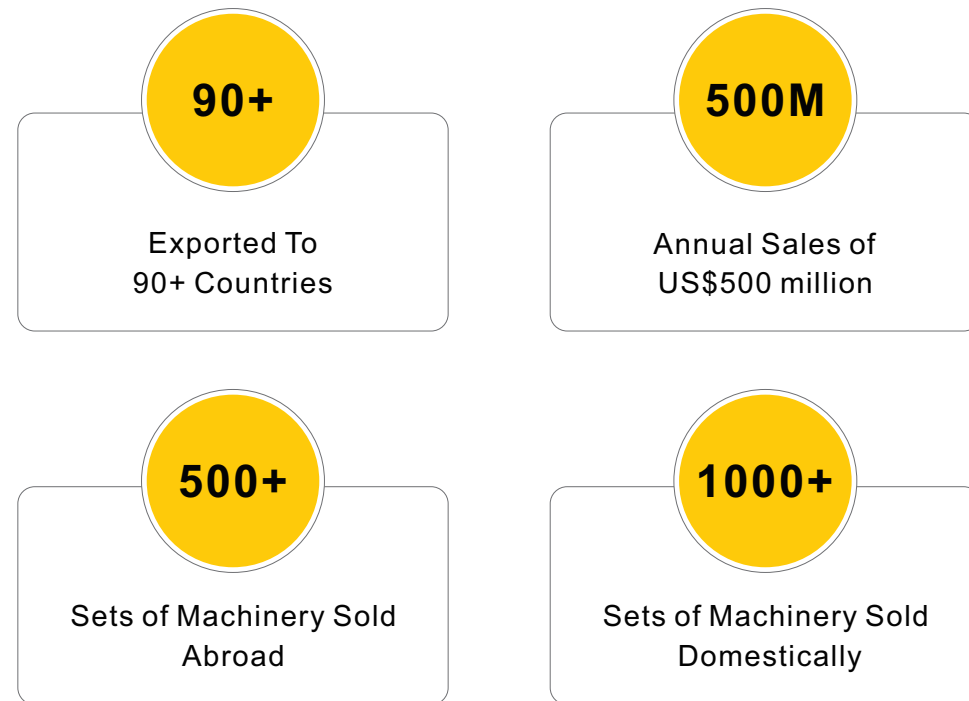
800+

Accumulatively Obtained 800+ patents

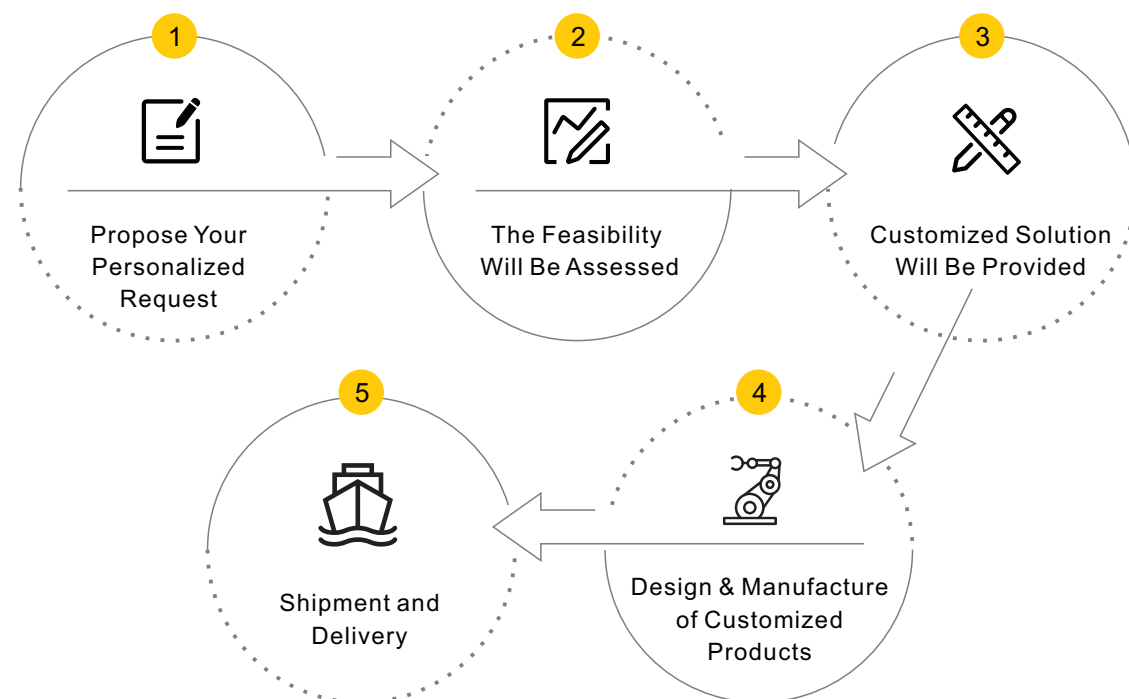
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Sales Achievement



Customization Process



Business Segments





Why HPC Series Multi-cylinder Hydraulic Cone Crusher

1. Higher production capacity, better particle size of the final product

2. Advanced crushing principle, perfect particle composition

3. Higher capacity of fine product

4. Replace the crushing cavity if you need medium, fine and super fine product

5. Can be installed on the steel structure or concrete foundation in the workshop or open area

6. Low cost of operation and maintenance

7. Short downtime, long working hours and high efficiency

8. Easy to operate and maintain the devices

9. Multiple protections to avoid accidents and damages caused by incorrect operations

HPC Series Multi-cylinder Hydraulic Cone Crusher

HPC series multi-cylinder hydraulic cone crusher is the new generation of cone crusher, which integrates the most advanced technology. Its performance has reached the advanced level in the industry, and it is an ideal choice for the mining equipment industry.

Practice has proved that it shows excellent performance in medium crushing, fine crushing and ultra-fine crushing in the fields of building stone, artificial sand making, metal mining and other fields.





Durable Quality

Compared with similar crushers, HPC series multi-cylinder hydraulic cone crusher has reliable performance, longer service life and convenient operation, because it adopts casting process designed by casting simulation software, cast steel produced by electric furnace melting technology, and high-quality manganese steel alloy plate.

Furthermore, the hydraulic cylinder adopts well-known seals from Europe and United States. Those ensure the reliability of equipment operation.

Short Downtime for Maintenance, High Attendance Rate

The ordinary cone crushers will stop when iron blocks the cavity, while HPC series multi-cylinder hydraulic cone crushers have double side iron protection device, which releases hydraulic cylinders and allow the iron blocks to pass through the crushing cavity, assure the shorter downtime of the cone crusher.

Hydraulic clearing crushing cavity has big stroke, which can clean the clog easily, reduce the downtime of the cone crusher, and improve work efficiency and stabilizes the passion of workers.

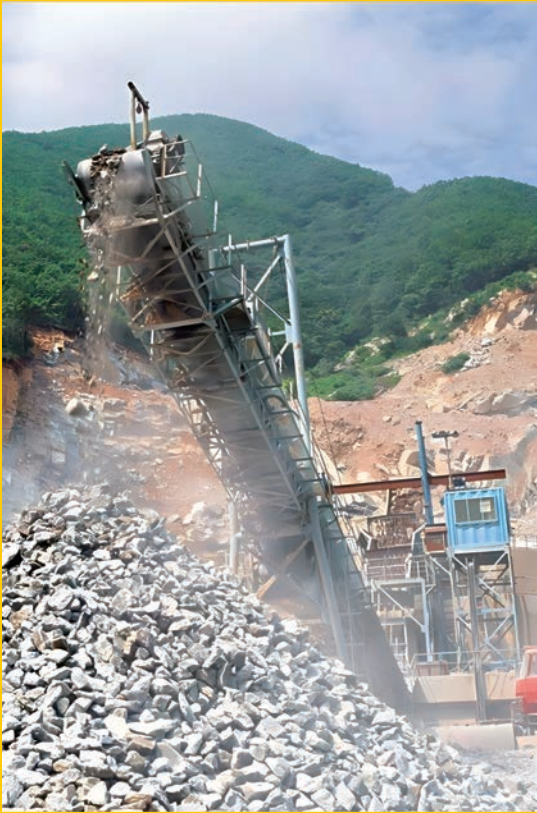
Fixed cone driven by hydraulic motor can not only adjust the discharge port accurately, but also can rotate the fixed cone beyond the adjusting ring screw thread so as to reduce the workload of liner replacement.

The advanced liner fixing method improves the reliability of the lining plate; fixed cone liner and the upper spiral cone are engaged by wedges to form self-locking; the movable cone liner is fixed by self-locking type lock bolts, which makes the liner replacement easier.

Low Operation and Maintenance Cost

The high-performance, non-contact labyrinth seal ring reduces the active ingredients' direct contact with rocks and dust, greatly improving dust-proof performance.

All parts of the crusher, including the casing, conical feed plate, counterweight liner, main machine liner, hopper without wear liner, etc., are equipped with wear protection devices to reduce maintenance and costs. The hydraulic cylinder uses seals from well-known, which guarantees the reliability of equipment operation.



Easy Operation and Convenient Maintenance

Using hydraulic motor to adjust the size of the discharging port on-load so as to balance the crushing loop and realize high production efficiency.

The DCS collecting and distributing control system can realize fully automatic control, requiring only the installation of a hydraulic motor position sensor to track the size of the crusher's discharge port.

All components can be disassembled and maintained from the top or side of the crusher, and the moveable cone and fixed cone can be easily disassembled without dismantling the main frame and fastening bolts. It is convenient to replace the liner.

Technical Parameters

Model	Cavity	Standard Type		Short Head Type		Power (kW)	Capacity (t/h)	Weight (t)
		Feeding Port	Min.	Feeding Port	Min.			
HPC200	Coarse	185	19	76	10	132-200	90-250	14
	Medium	125	17	54	6			
	Fine	95	13	23	6			
HPC300	Coarse	210	20	75	10	180-250	115-440	19.96
	Medium	150	15	50	8			
	Fine	105	10	20	6			
HPC400	Coarse	250	25	90	10	280-355	140-630	28.72
	Medium	195	20	50	8			
	Fine	110	14	40	6			
HPC500	Coarse	330	25	90	13	355-450	175-790	38
	Medium	200	20	55	10			
	Fine	133	16	40	8			

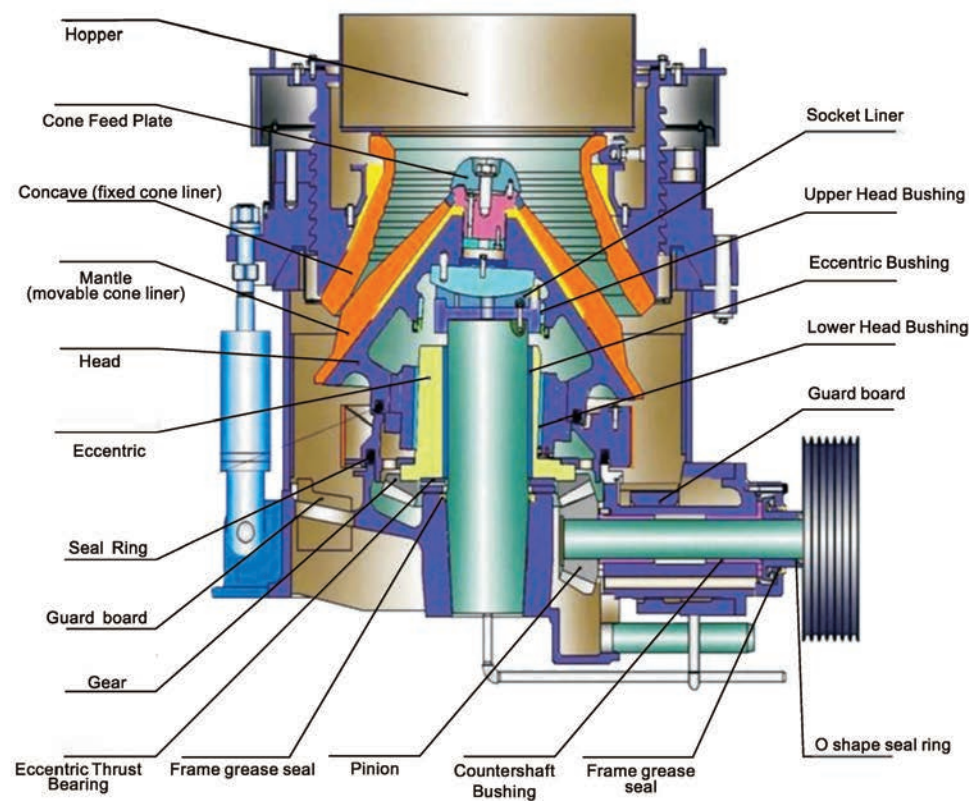




Technical Parameters

Capacity of crusher (measured according to the instantaneous sampling)

Model	t/h	10mm	13mm	16mm	19mm	22mm	25mm	32mm	38mm	45mm	51mm
HPC200	t/h	90-120	120-150	140-180	150-190	160-200	170-220	190-235	210-250		
HPC300	t/h	115-140	150-185	180-220	200-240	220-260	230-280	250-320	300-380	350-440	
HPC400	t/h	140-175	185-230	225-280	255-320	275-345	295-370	325-430	360-490	410-560	465-630
HPC500	t/h	170-220	230-290	280-350	320-400	345-430	365-455	405-535	445-605	510-700	580-790



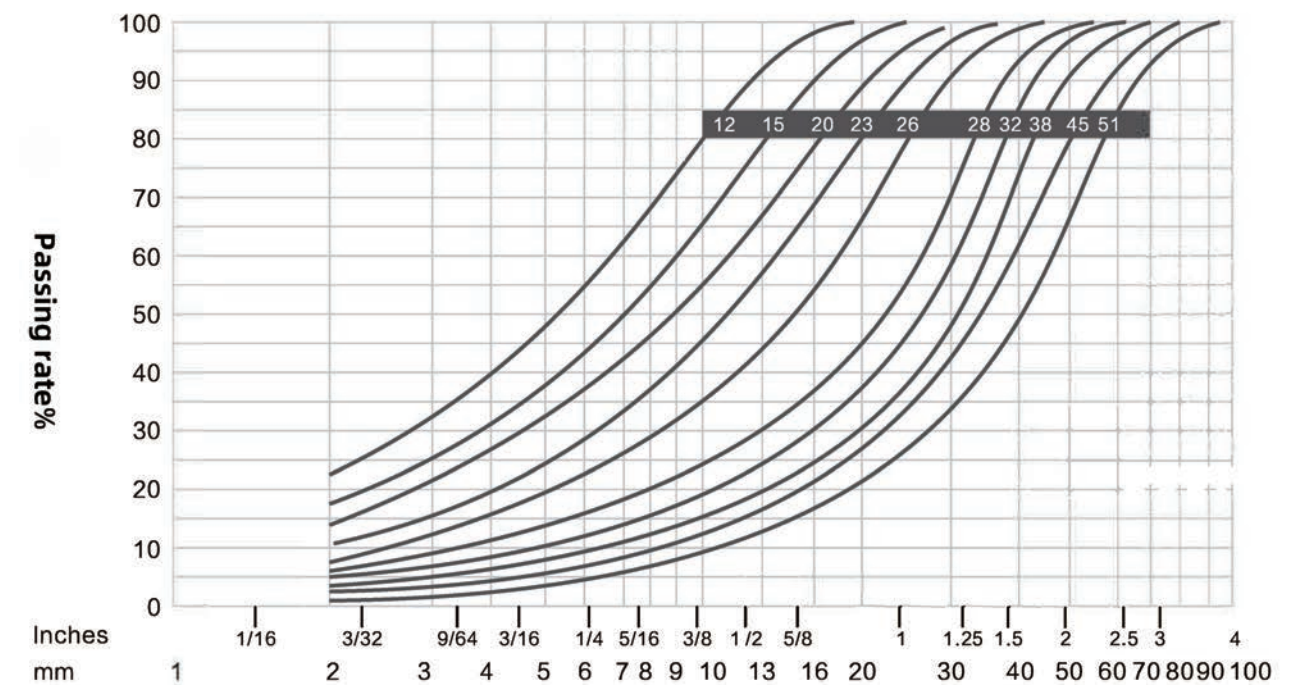
The data in the table is based on the results of instantaneous sampling.

The capacity table can be used for preliminary selection of cone crusher. As the data indicates:

1. Bulk density of raw material for crushing is 1.6t/m^3 .
2. Screen out the raw materials whose particle size is smaller than the discharge port before feeding.

3. For open circuit operation, the fine particle in the feed stock is high. Under closed circuit operation conditions, the equipment capacity is 15%-30% higher than open circuit operation. As an important part of the production circuit, the performance of the crusher partly depends on the correct operation of feeders, belt conveyors, vibrating screens, support structures, motors, transmission devices and silos.

Particle Size Distribution Curve



- The figure on curve is the size of discharge port.
- The particle size and production capacity are related to feeding particle size, crusher cavity type, material crushability, material cleanliness, moisture content and other factors.





CH series bottom single-cylinder cone crusher

Performance Features:

Optimized Design of Body and Cavity Profile

The reinforced frame structure, with key components inspected and accepted via non-destructive testing, ensures higher structural strength and more reliable operation. The optimized crushing chamber design maintains high efficiency of laminated crushing, while the crushing performance remains unaffected by liner wear.

Flexible Switching Between Multiple Modes

The fully automatic control system offers multiple operation modes, including manual control, automatic load control, automatic discharge setting, and automatic dual discharge setting. Featuring high visualization, it greatly reduces the operator's difficulty.

Positive Pressure Dust Prevention Reduces Maintenance

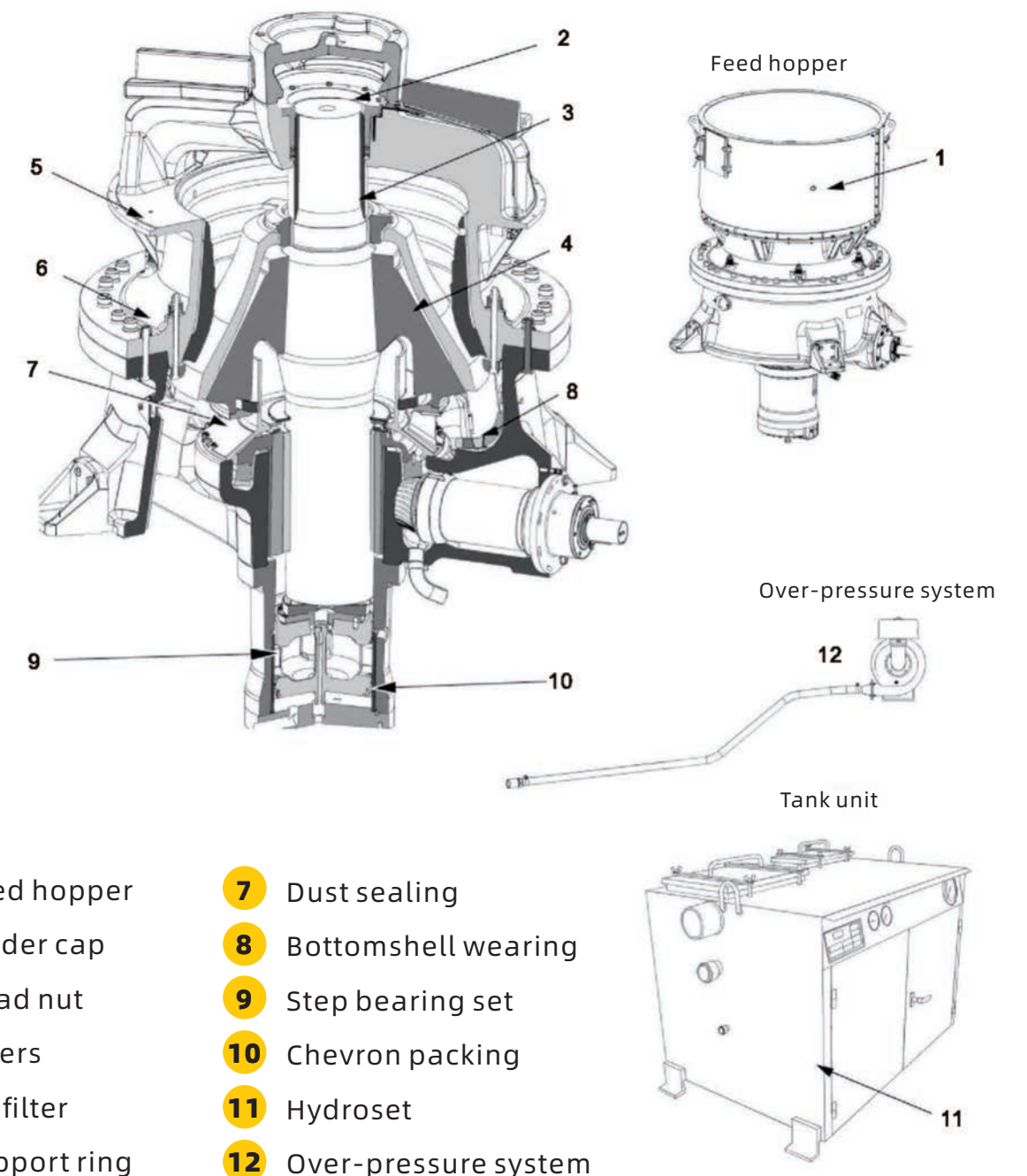
The positive pressure dust-proof system keeps the internal pressure of the crushing chamber consistently higher than the external pressure, effectively preventing dust and fine particles from entering the chamber to contaminate lubricating oil or damage bearings. This extends the crusher's service life and reduces maintenance workload.

Integrated Hydraulic and Lubrication Station

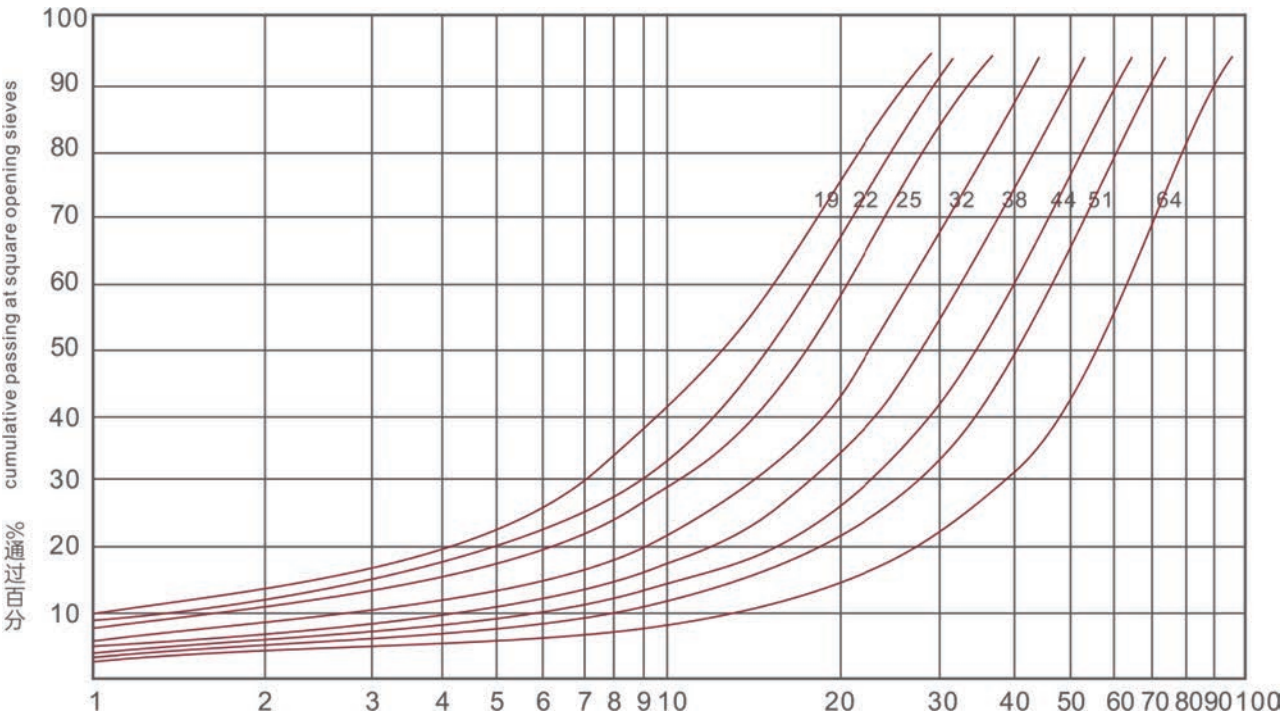
The integrated design of the hydraulic station and lubrication station saves installation space. The hydraulic system is designed with high pressure to meet general pressure requirements, providing sufficient pressure margin during operation and improving the reliability of the hydraulic system.

Product Introduction

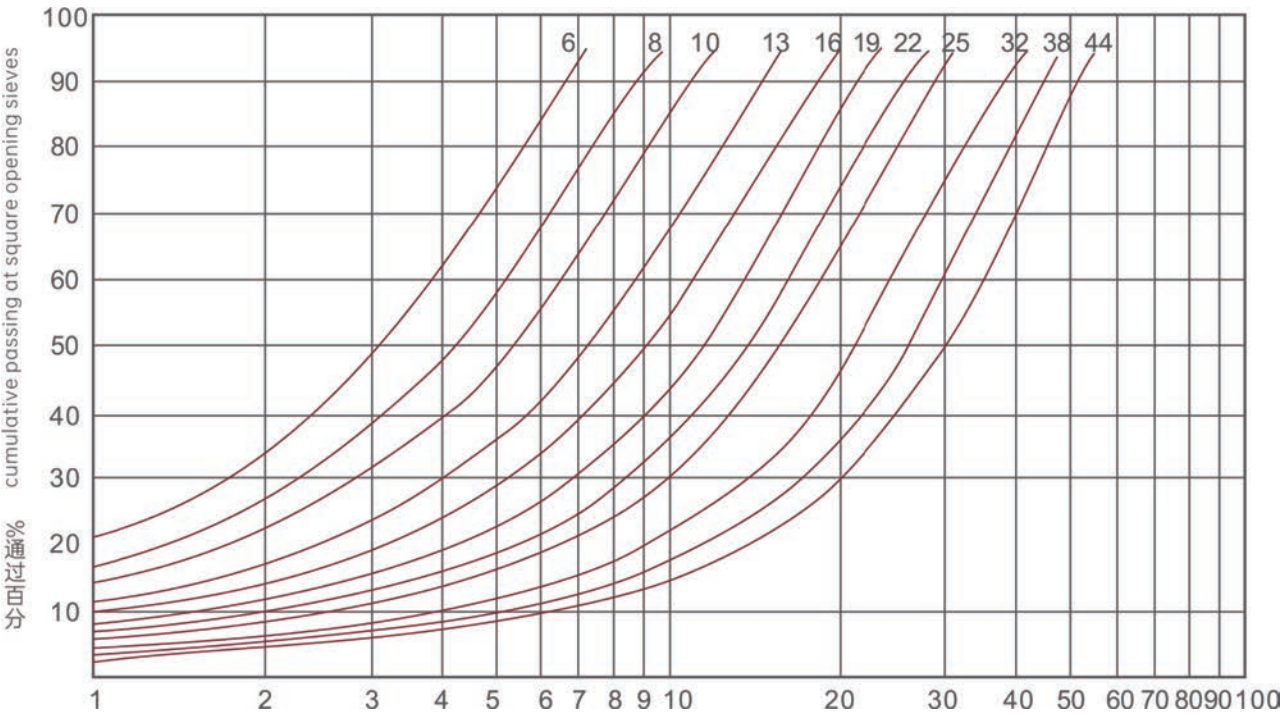
The single-cylinder hydraulic cone crusher produced by our company features high performance, high efficiency, strong reliability and high cost performance, and is widely used in construction, mining, building materials, metallurgy, water conservancy and other fields. It redefines fine crushing by adopting advanced laminated crushing technology, which produces fine and uniform particles. With a high degree of automation and a suitable eccentricity, and through the setting of discharge opening and automatic and uniform feeding, the raw materials are subjected to layered compression crushing in the specially designed crushing chamber.



Intermediate Crushing Size Distribution Curve



Fine Crushing Size Distribution Curve



Model	Cavity type	Max feed opening (mm)	Minimum discharge	Max installed power (kW)
CS420	S1 (Extra Coarse)	240	22	90
	S2 (Medium Coarse)	200	19	
CH420	H1 (Fine)	135	10	
	H2 (Medium Fine)	65	8	
	H3 (Extra Fine)	38	4	
CS430	S1 (Extra Coarse)	360	25	160
	S2 (Medium Coarse)	300	22	
CH430	H1 (Fine)	185	13	
	H2 (Medium Fine)	90	10	
	H3 (Extra Fine)	50	6	
CS440	S1 (Extra Coarse)	450	35	250
	S2 (Medium Coarse)	400	29	
CH440	H1 (Fine)	215	16	
	H2 (Medium Fine)	110	13	
	H3 (Extra Fine)	70	8	
CS660	S1 (Extra Coarse)	560	41	315
	S2 (Medium Coarse)	500	38	
CH660	H1 (Fine)	275	16	
	H2 (Medium Fine)	135	16	
	H3 (Extra Fine)	65	13	

type	CS420			CS430		CS440		CS660	
Closed side setting		S1 (Extra) Coarse)	S2 (Medium Coarse)	S1 (Extra Coarse)	S2 (Medium Coarse)	S1 (Extra Coarse)	S2(Medium Coarse)	S1 (Extra Coarse)	S2 (Medium Coarse)
	19		70						
	22	85	75-95		105				
	25	90-115	80-130	120	115-145				
	29	100-160	90-115	135-175	125-200				
	32	105-170	95	140-230	130-255		215		
	35	110-145		150-295	140-270	255	230-300		
	38	115		160-310	145-285	270-355	245-385		305
	41			170-330	155-305	285-450	270-515	335	320-420
	44			175-345	165-265	300-565	285-450	350-460	340-620
	48			190-310	175	320-605	305-400	375-590	360-755
	51			195-260		335-525	300	390-720	375-790
	54			205		350-460		410-860	395-825
	60							445-930	425-895
	64							465-980	450-825
	70							500-1050	480-635
	76							535-985	

type	CH420			CH430			CH440			CH660			
Closed side setting (mm)		H1 (Fine)	H2 (Medium Fine)	H3 (Extra Fine)	H1 (Fine)	H2 (Medium Fine)	H3 (Extra Fine)	H1 (Fine)	H2 (Medium Fine)	H3 (Extra Fine)	H1 (Fine)	H2 (Medium Fine)	H3 (Extra Fine)
	4			27-35									
	6			30-50			48-80						
	8		35-45	31-55			50-85						
	10	45	38-75	32-60		65-85	53-90			90-135			
	13	50-85	40-80	35-50	66-110	70-135	56-100			95-180			
	16	52-95	45-76	38	75-150	75-145	60-104		115-190	100-195			205-295
	19	58-100	50-60		80-165	80-155	65-105	110-200	120-280	115-120	170	190-295	220-320
	22	60-105			85-175	85-165	70-95	120-280	130-300	115-225	185-340	205-440	235-300
	25	63-115			90-185	90-155	75	125-295	140-320	125-240	195-440	215-470	250-290
	32	75-130			100-210	100		135-315	150-340	135-255	210-465	230-500	
	38				110-210			155-360	170-285	150-210	235-550	265-505	
	44							170-390	185		260-605	290-405	
	51							185-385			285-665		
	57										315-515		



CS Series Symons Cone Crusher

Product Features

The CS series Symons cone crusher is widely used in metallurgical industry, construction materials industry, road building industry, chemical industry and silicate industry. It is suitable for crushing ores and rocks with medium hardness or above.

It features a strong crushing force, high efficiency, strong processing capacity, low operation cost, easy adjustment, and more. Moreover, high-quality materials are selected, the structure design is reasonable, and the particle size of the crushed products is even, reducing the cycle load.

For medium and large types of cone crushers, a multi-cylinder hydraulic cavity cleaning system is adopted, which reduces downtime and labor intensity of operation. Each crusher has a variety of cavity types, allowing users to choose according to different needs.

Additionally, the CS series cone crusher adopts a compensating grease seal, which minimizes dust pollution to the lubricating oil, making the machine's parts more reliable and extending service life.

The safety system of this machine adopts multi-group spring structure, which makes sundries and iron pieces pass through the crushing cavity without harming the crusher.

This crusher is divided into standard type and short head type. The standard type is generally used for medium crushing, and the short head type is used for medium and fine crushing.

Technical Parameters

Model	Cavity Type	Big End Diameter of Cone(mm)	Adjusting Range of Discharge Port(mm)	Recommend Min. Discharge Port (mm)	Max. Feeding Size (mm)	Processing Capacity(t/h)	Power of Main Motor(kw)	Weight(kg)	Overall Dimension (L×W×H) (mm)
CS-30	Standard fine	600	6-38	70	60	16-50	30	4500	2195×1158×1651
	Standard medium		10-38	95	80	18-65			
	Standard coarse		13-38	110	90	22-70			
	Short head fine		3-13	35	30	9-35			
	Short head coarse		5-16	50	40	22-70			
CS-75	Standard fine	900	9-22	102	85	45-91	75	9980	2656×1636×2241
	Standard coarse		13-38	175	150	59-163			
	Standard super coarse		25-38	178	150	118-163			
	Short head fine		3-13	41	35	27-90		10530	
	Short head medium		3-16	76	65	27-100			
	Short head coarse		6-19	102	85	59-129			
CS-160	Standard fine	1295	13-31	137	115	109-181	160	22460	2983×1866×3156
	Standard medium		16-38	210	178	132-253			
	Standard coarse		19-51	241	205	172-349			
	Standard super coarse		25-51	259	220	236-358			
	Short head fine		3-16	64	54	36-163			
	Short head medium		6-16	89	76	82-163			
	Short head coarse		8-25	105	89	109-227			
	Short head super coarse		16-25	133	113	118-236			
CS-240	Standard Fine	1676	16-38	209	178	181-327	250	43270	3941×2954×3771
	Standard Medium		22-51	241	205	258-417			
	Standard Coarse		25-64	269	228	299-635			
	Standard Super Coarse		38-64	368	313	431-630			
	Short Head Fine		5-13	70	60	90-209			
	Short Head Medium		6-19	89	76	136-281			
	Short Head Coarse		10-25	133	113	190-336			
	Short Head Super Coarse		13-25	133	113	253-336			



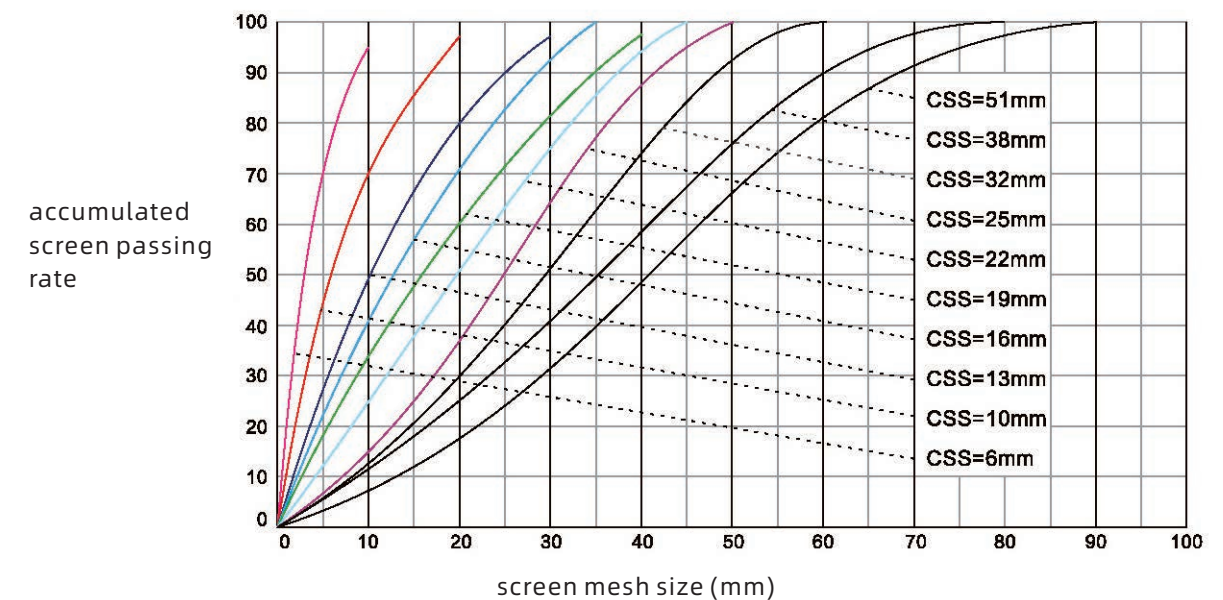
MC Series Compound Cone Crusher

Brief Introduction

The MC Series compound cone crusher is a high-performance cone crusher developed and produced by introducing advanced foreign technology, ensuring reliable performance and superior quality.

It features a unique hydraulic clearing system and a hydraulic port adjusting function, making it easy to change the movable and fixed plates without filler, thereby reducing management and maintenance costs. It is widely used for medium and fine crushing of granite, basalt, diabase, cobblestone, iron ore, and more, making it very popular among customers.

Particle size distribution curve



Technical Parameters

Model	Cavity Type	Stroke(mm)	Max. Feeding Size (mm)	Discharging Port(mm)	Open Circuit Production(t/h)	Motor Power(kW)	Weight(t)
MC250C ₂ -D	Coarse	34	300	35-65	280-610	250	35
MC250C-D	Coarse	34	260	30-60	265-580	250	35
MC250Z-D	Medium Coarse	34	240	25-50	240-550	250	35
MC250S-X	Fine	28	130	20-45	180-350	250	35
MC220C-D	Coarse	30	235	30-60	210-530	220	25
MC220Z-D	Medium Coarse	30	215	25-50	200-500	220	25
MC220Z-X	Medium Coarse	25	180	22-45	180-475	220	25
MC220S-X	Fine	25	100	19-40	130-260	220	25
MC132C-D	Coarse	22	180	19-50	110-250	132	16

Note

1. The parameters in the table don't include the weight of motor, electric control equipment, lubrication station or hydraulic station.
2. The capacity in the table refers to the production when the following conditions are met:
 - a) The moisture content of material does not exceed 4%, no clay.
 - b) The amount of feeding size is smaller than the fine particle material size in the discharging port, accounts for less 10% of the weight of the feed materials, besides, the feeding material should 360° evenly distributed in the crushing cavity.

- c) The density of feeding size is 1.6t/m³, the compression strength is 150Mpa.
3. The capacity in the table will vary according to the physical properties of the mine stones, feeding type, feeding size, water content of incoming materials, and water content of clay. The capacity in closed-circuit production will be slightly lower than in open-circuit production.

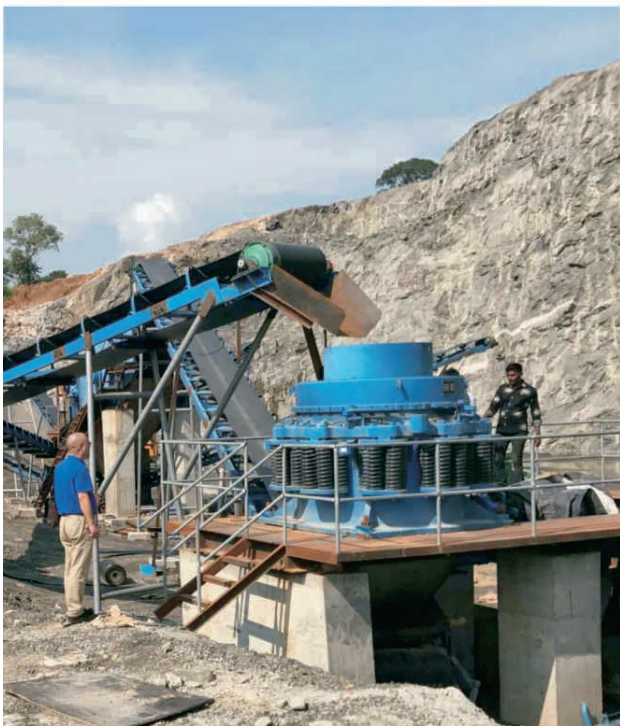


PY Series Spring Cone Crusher

The spring cone crusher is suitable for crushing all kinds of ores and rocks with medium hardness or above. It features a reliable structure, high efficiency and capacity, low operating cost, easy adjustment, and economical use. The spring system plays the role of overload protection, allowing sundries or steel pieces to pass through the crushing cavity without harming the crusher. A glycerin seal is used to isolate dust from the lubricating oil and ensure reliable operation. Standard type, medium type, and short head type can be selected according to customer needs for coarse crushing, medium crushing, and fine crushing operations.

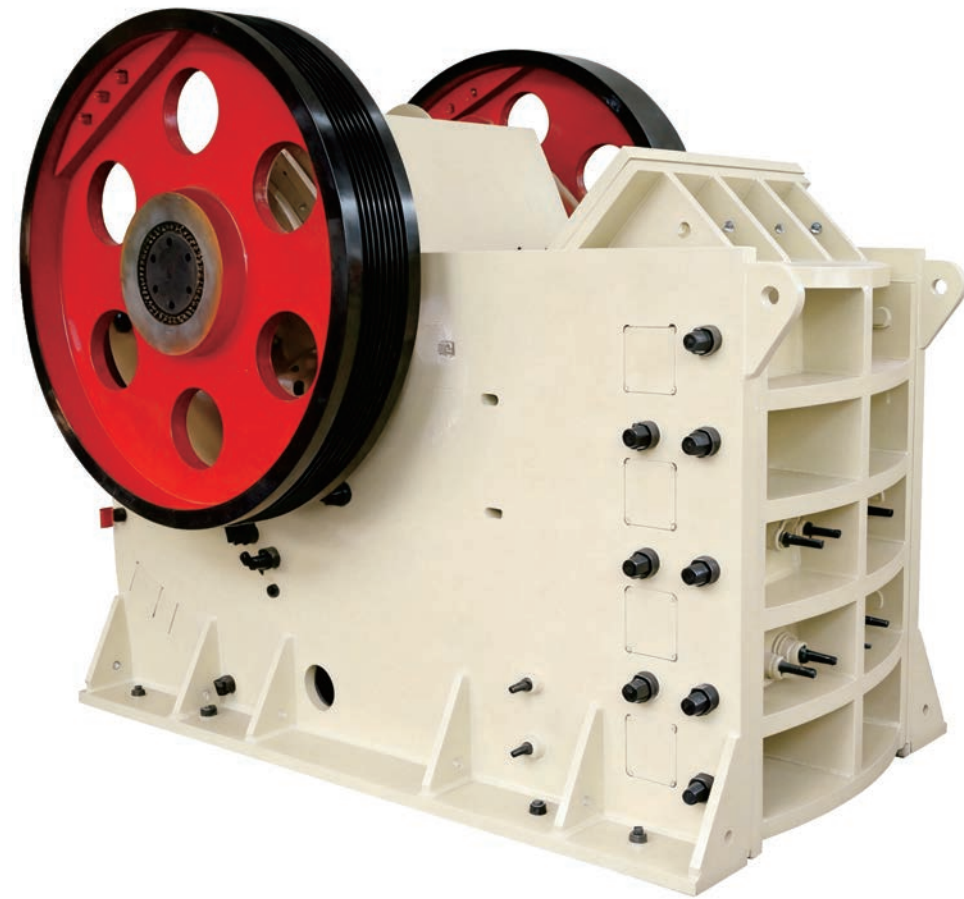
Features

- 1. Strong crushing force, high efficiency and high crushing capacity;
- 2. Low operation and maintenance cost, easy to adjust;
- 3. Due to the reasonable material selection and structural design of the parts, the service life is longer;
- 4. Shorter downtime;
- 5. Each crusher has multiple crushing cavities to meet different needs of customers.



Technical Parameters

Model	Dia. Of Cone (mm)	Adjusting Range of Discharge Port(mm)	Max. Feeding Size (mm)	Capacity (t/h)	Motor Power (kW)	Weight (t)	Overall Dimension (mm)
PYB-600	600	12-25	65	15-25	30	5.5	1740×1225×1940
PYD-600		3-13	36	5-23	30	5.5	1740×1225×1940
PYB-900	900	15-50	115	50-90	55	10.18	1990×1640×2380
PYZ-900		5-20	60	20-65	55	10.19	1990×1640×2380
PYD-900		3-13	40	15-50	55	10.27	1990×1640×2380
PYB-1200	1200	20-50	145	110-200	110	24.7	2805×2300×2980
PYZ-1200		8-26	100	50-150	110	25	2805×2300×2980
PYD-1200		3-15	50	18-105	110	25.6	2805×2300×2980
PYB-1750	1750	25-60	215	280-480	155-160	50.6	3610×2950×4185
PYZ-1750		10-30	185	115-320	155-160	51	3610×2950×4185
PYD-1750		5-15	85	75-230	155-160	50.5	3610×2950×4185



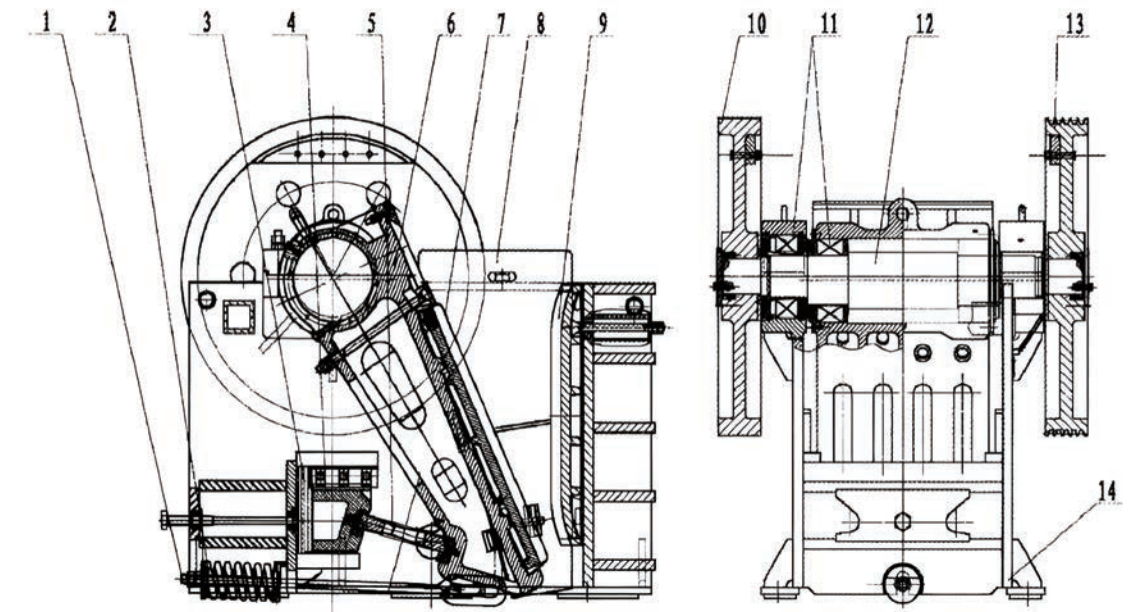
PE Series Jaw Crusher

Brief Introduction

The jaw crusher is ideally suitable for primary and secondary crushing of materials with a compressive strength of less than 320MPa. The jaw crusher features a high crushing ratio, larger capacity, even final product size, simple structure, reliable performance, convenient maintenance, lower operation cost, and more. It is widely used in mining, metallurgy, construction, highway, railroad, and water conservancy industries.

Features and Advantages

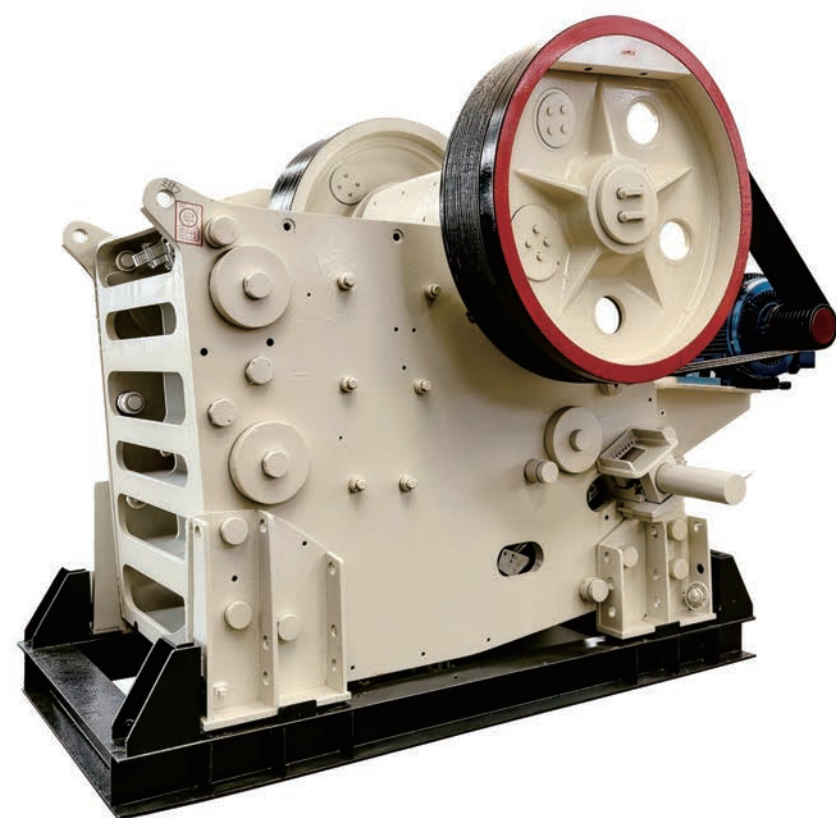
1. High crushing ratio, even final product size;
2. Gasket-type discharge port adjustment device, reliable and convenient, with a large adjustment range, which can meet the needs of different customers;
3. Lubrication system is safe and reliable, easy to replace parts, and requires a small maintenance workload.
4. Simple structure, reliable performance, low maintenance and operating cost;
5. Environmentally friendly, low noise and less dust.



- | | | |
|-------------------|----------------------|---------------------|
| 1. Draw Rod | 6. Movable Jaw | 11. Bearing |
| 2. Spring | 7. Movable Jaw Plate | 12. Eccentric Shaft |
| 3. Adjusting Shim | 8. Liner Plate | 13. Driving Wheel |
| 4. Adjusting Base | 9. Fixed Jaw Plate | 14. Frame |
| 5. Toggle Plate | 10. Flywheel | |

Technical Parameters

Model	Feeding Port Size(mm)	Max. Feeding Size(mm)	Discharge Port Adjustment Range(mm)	Output Capacity (t/h)	Motor Power(kW)	Weight(t)	Overall Dimension (L×W×H)(mm)
PE-250×400	250×400	210	20-60	5-20	15	2.8	1180×1087×1245
PE-400×600	400×600	340	40-100	16-60	30	6.65	1797×1716×1581
PE-500×750	500×750	425	50-100	40-110	55	11.73	2119×1918×2046
PE-600×900	600×900	500	65-180	80-180	55-75	16.13	2309×2028×2368
PE-750×1060	750×1060	630	80-180	110-320	90-110	30	2730×2472×2840
PE-870×1060	870×1060	750	170-270	180-360	90-110	31.22	2990×2416×2893
PE-900×1200	900×1200	780	95-225	220-450	110-132	49	3362×2750×3260
PE-1000×1200	1000×1200	850	195-280	280-550	110-132	51	3823×2938×3285
PE-1200×1500	1200×1500	1020	150-300	400-800	160-220	100.9	4930×3334×4057
PEX-150×750	150×750	120	18-48	8-25	15	3.5	1252×1593×1025
PEX-250×750	250×750	210	20-50	13-35	30	4.96	1435×1832×1715
PEX-250×1000	250×1000	210	25-60	16-52	30-37	6.5	1706×1964×1380
PEX-250×1200	250×1200	210	25-60	20-61	37-45	8.8	1700×2132×1450
PEX-300×1300	300×1300	250	20-90	25-95	55-75	12.6	2026×2320×1723



C-series European version jaw crusher

Product Introduction

C-series jaw crusher is a new-generation product with internationally advanced level, successfully developed by our company based on more than 20 years of experience in producing traditional PE series jaw crushers. It integrates advanced international technologies and research results, and adopts the finite element analysis method in its development.

Compared with the traditional PE series jaw crusher, the ZXC series jaw crusher has revolutionary improvements in crushing chamber design, materials, bearing standards and manufacturing processes. It features a more robust structure and higher reliability, with the output increased by over 30% and the unit operating cost reduced by more than 20%. Widely used for crushing various hard and highly abrasive rocks, it is an ideal choice for crushing operations in metal mines and aggregate processing production.

Features and Advantages



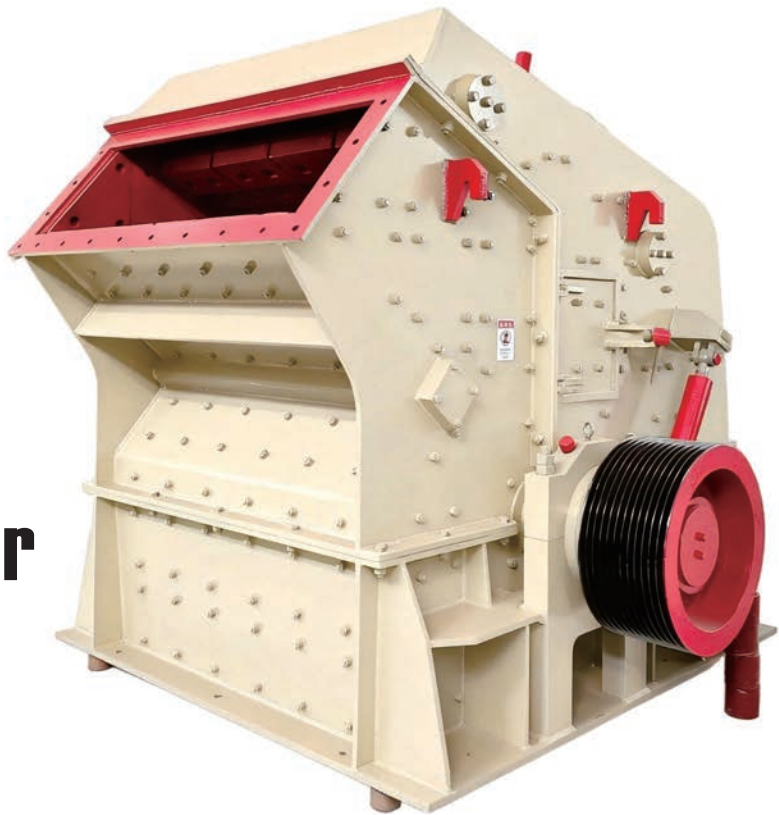
- Adopt "V" shaped crushing cavity and large inclination switching plate to make the feeding size larger and the output higher.
- The professional manufacturing process and the good manufacturing material are used to achieve structural reliability.
- Using finite element analysis technology to optimize, ensure the perfect match of the rack, increase the strength of the whole machine.
- The discharge port is adjusted by a special adjustment device, which is faster and more convenient.
- Choose a larger type of bearing with a higher load carrying capacity.

Product Parameters

Model	Feed Opening Size (mm)	Capacity under coarse pre-screening and minimum	Capacity under coarse pre-screening and maximum	Power (kW)	Weight (kg)	Eccentric shaft speed (r/min)
C80	510×850	335	514	75	7650	350
C96	580×930	390	592	90	10150	330
C106	700×1060	500	760	110	15650	280
C116	760×1150	520	800	132	19240	260
C125	950×1250	540	800	160	27990	230
C120	870×1200	585	845	160	31990	230
C130	1000×1300	831	1267	185	40150	220
C150	1200×1400	880	1319	200	50950	220
C160	1200×1600	1145	1909	250	76300	220



PF Series Impact Crusher



Structural Drawing

- 1

Rear Case
- 2

Impact Plate
- 3

Impact Rack
- 4

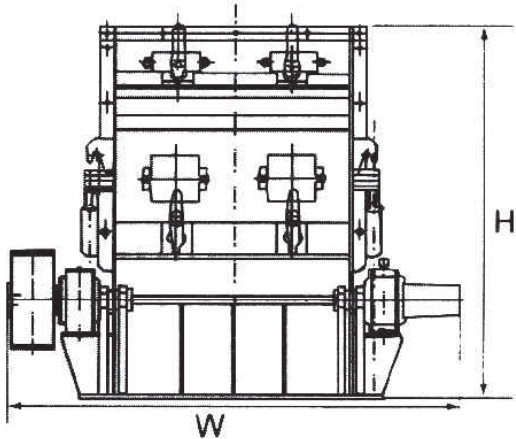
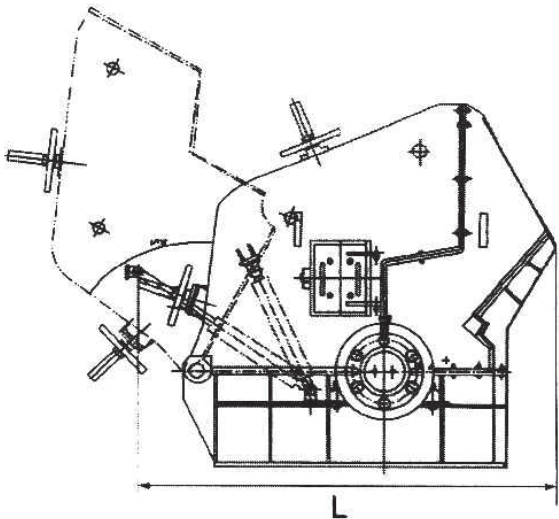
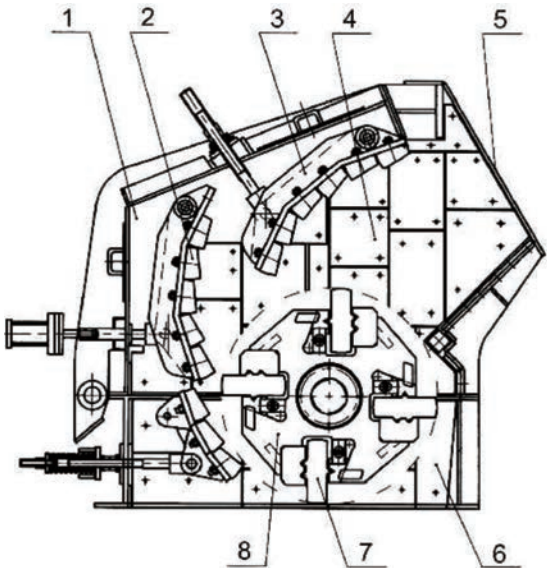
Liner
- 5

Feed Port
- 6

Base
- 7

Blow Bar
- 8

Rotor Support



Brief Introduction

Impact crusher adopts the advanced technology and unique structural design, which can make the crushed finished product particles be cubic without tension and cracks, and the particle shape is more perfect.

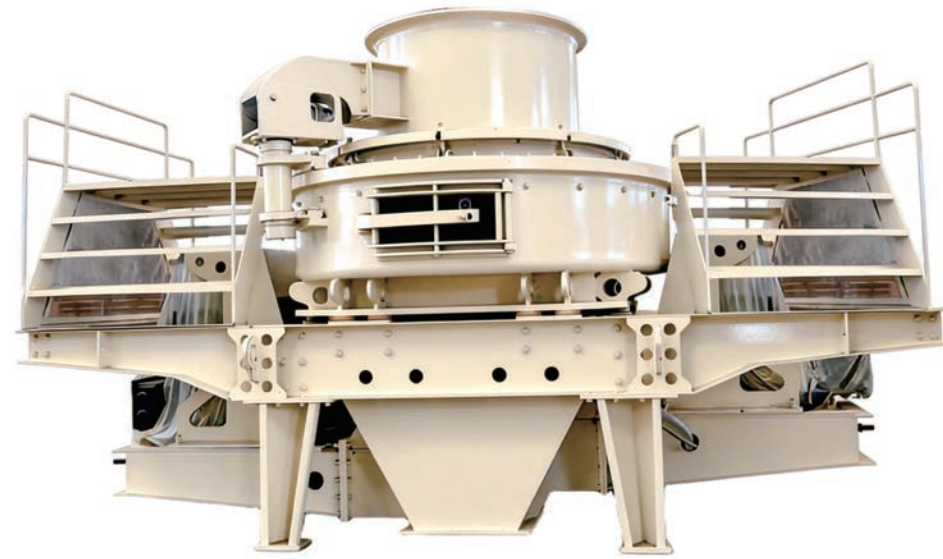
It can crush all kinds of coarse, medium and fine materials (granite, limestone, concrete, etc.) whose feed particle size does not exceed 500mm and whose compressive strength does not exceed 350 Mpa. The impact crusher can be widely used in various industries, including ore crushing, railway, highway, energy, cement, chemical, construction, and more. The discharge granularity can be adjusted, and the crushing specifications are diversified.

Features and Advantages

- Multi-cavity evenly crushing, suitable for crushing hard rocks;
- Reasonable design of leveling plate makes final products finer and in cubic shape without interior cracks;
- Low and big feed port makes the production line easy to arrange and increases the size of feeding materials;
- Use the full hydraulic open device, convenient for maintenance and replacement of wearing parts;
- New anti-abrasive materials extend the service life of blow bars, impact plates, and liners.

Technical Parameters

Model	Rotor Size(mm)	Feed Port Size(mm)	Max. Feed Side Length(mm)	Capacity(t/h)	Motor Power(kW)	Weight(t)	Overall Dimension(L×W×H) (mm)
PF-1007	1000×700	400×730	300	30-50	37-55	9.5	2400×1558×2660
PF-1010	1000×1050	400×1080	350	50-80	55-75	12.2	2400×2250×2620
PF-1210	1250×1050	400×1080	350	70-120	110-132	14.9	2690×2338×2890
PF-1214	1250×1400	400×1430	350	110-180	132-160	18.6	2690×2688×2890
PF-1315	1320×1500	860×1520	500	160-250	180-260	19.3	3096×3273×2667
PF-1320	1320×2000	860×2030	500	160-350	300-375	28	3096×3560×3185
PF-1520	1500×2000	1315×2040	700	300-500	400-450	42.8	3890×3560×3220



VSI Series Vertical Shaft Impact Crusher

Brief Introduction

The VSI series high-efficiency vertical shaft impact crusher (also called VSI sand making machine) is the newest achievement designed by German authoritative experts, integrating the actual situation of China. It is currently the only domestically produced high-performance sand making equipment at the world's advanced level. It is specially designed to provide high-quality sand and gravel aggregates for highways, high-speed railways, high-rise buildings, municipal engineering, hydro-power dam construction, and concrete mixing plants. It is the primary choice in artificial sand making and stone shaping fields.

Model	Capacity(t/h)		Optimum Feeding Size(mm)		Speed (r/min)	Double Motor Power (kW)	Overall Dimension (LxWxH) (mm)	Weight (t)	Lubrication Station		
	Surrounding feed	Full center feed	Soft stones	Hard stones					Double Oil Pump Motor Power(kW)	Overall Dimension (LxWxH) (mm)	Tank Heater Power (kW)
VSI7611	120-180	60-90	≤35	≤30	1700-1930	2×55	4100×2250×2315	8	2×0.55	1200×790×1120	2
VSI8518	200-260	100-130	≤40	≤35	1520-1690	2×90	4160×2300×2476	12			
VSI9526	300-380	150-190	≤45	≤40	1360-1510	2×132	4540×2500×2911	13			
VSI1140	450-520	225-260	≤50	≤45	1180-1300	2×200	5000×2716×3117	18.5			
VSI1145	500-640	250-360	≤50	≤45	1200-1390	2×220	5450×2900×3300	19.5			

Features and Advantages

1. High output and processing capacity: 50-500t/h. The output is 30% higher than traditional machine with the same motor power.
2. Low Consumption of Wearing Parts Reduces Costs: The optimized design of the crushing cavity reduces abrasion of wear-resistant parts, resulting in operation costs 40% lower than those of traditional equipment.
3. Perfect Final Product Shape: The product shape is cubic with good gradation and an adjustable fineness modulus, making it especially suitable for artificial sand making and stone shaping. Practice has shown that the sand making and shaping effect is 30% higher than that of other traditional sand making equipment.
4. Hydraulic Device for Easy Maintenance: The hydraulic lid opening setting makes maintenance and replacement of parts in the crushing cavity convenient and quick, reducing downtime and saving time and effort.
5. Automatic Detection, Safe and Reliable: Equipped with a vibration display and alarm device, the equipment sends a warning and stops operation if it works abnormally, protecting the equipment.
6. Thin Oil Lubrication and Automatic Maintenance: The thin oil lubrication station adopts German technology, with dual oil pumps ensuring oil supply. Automatic shutdown occurs when there is no oil flow or pressure, with water cooling and motor preheating for winter start-up.
7. Easy Installation and Operation: The machine is lightweight, offers various installation methods, and can be installed in a movable manner, making installation, maintenance, and operation easy.
8. Multi-function and Flexible Application: Unique feeding and crushing structures, along with various crushing cavities, enable easy conversion between "rock-on-rock" and "rock-on-iron" crushing, providing multifunctionality. It can be widely used in sand making, stone shaping, and grinding areas, meeting various customer requirements without major adjustments to the machine.
9. Quality Assurance: Adopting the latest German technology, advanced riveting technology, and sandblasting rust removal and painting processes applied in automobile manufacturing, significantly improve the inherent and appearance quality of the equipment. All core components use internationally famous brands.
10. Environmentally Friendly: Low noise and pollution. The unique air self-circulation system greatly reduces external exhaust air volume and dust, benefiting environmental protection. Additionally, the VSI crusher reserves suitable positions for installing dust removal equipment of various specifications.





YK Series Vibrating Screen

Brief Introduction

This series screen is called circular vibrating screen because its motion track is similar to a circle. The circular vibrating screen is a new type of multi-layer, high-efficiency vibrating screen. It is composed of a vibration source, a screen body, a screen mesh, a vibration damping device, a base, etc., and has a reasonable structure and is durable. And it adopts a simplified eccentric shaft exciter and an eccentric block to adjust the amplitude. The upper line of the material sieve is long and the screening specifications are various. It is widely used in product classification in mining, building materials, transportation, energy, chemical and other industries.

Features

- It uses a cylinder-type eccentric shaft and eccentric block to generate strong vibrating force;
- The sieve beam and box are riveted with high-strength bolts for high strength;
- Side plate of the screen box has high strength and strong impact resistance;
- It adopts a structure with small amplitude, high frequency, and large inclination angle, which enables the vibrating screen to have advantages such as higher screening efficiency, larger processing capacity, longer service life, lower power consumption, and lower noise.

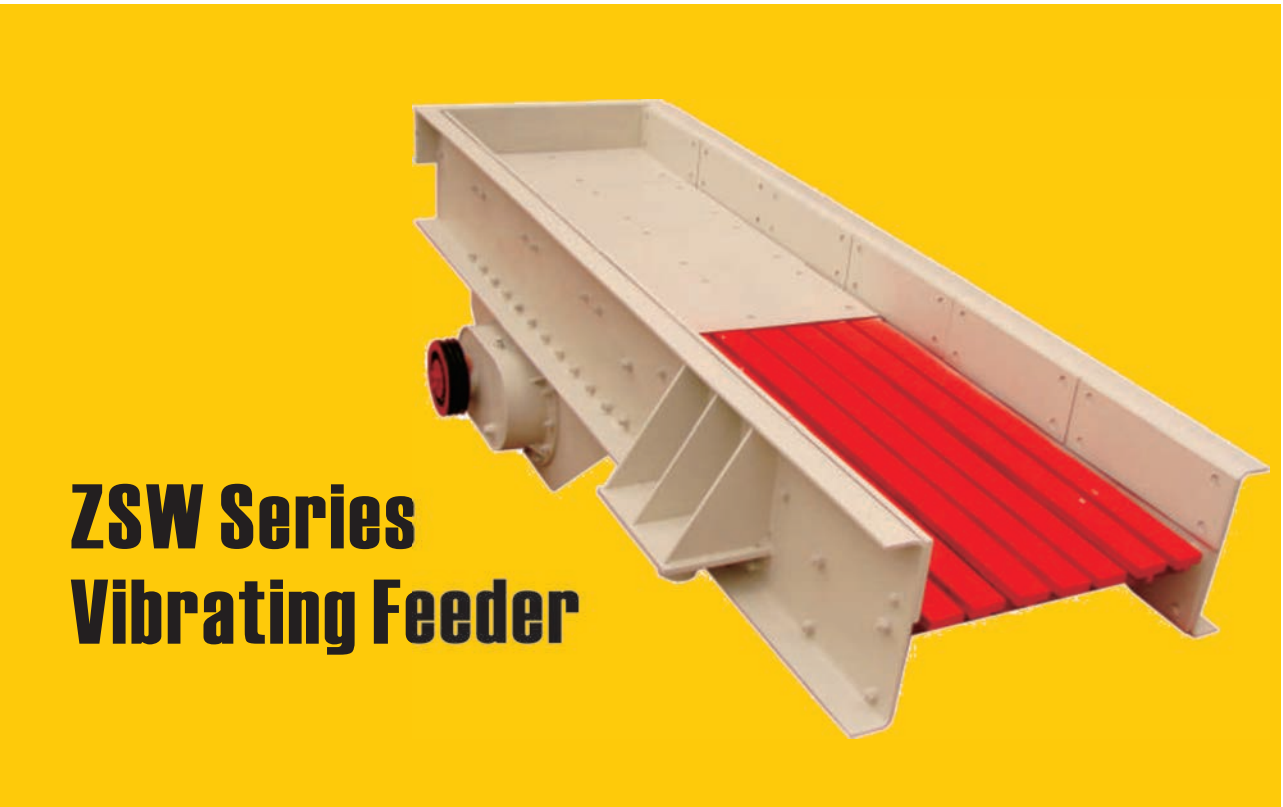


Working Principle

The circular vibrating screen is an eccentric block driven by a motor, which makes the screen body reciprocate periodically along the direction of the vibration force, and the material moves in a circle on the screen surface so as to achieve the purpose of screening.

Technical Parameters

Model	Screen Size(mm)	Screen Layers	Screen Mesh(mm)	Max. Feed Size(mm)	Capacity (t/h)	Power (kW)	Vibrating Frequency (r/min)	Double Amplitude (mm)
2YK1237	3700×1200	2	3-80	100	10-80	11	750-950	6-9
3YK1237	3700×1200	3	3-80	100	10-80	11	750-950	6-9
2YK1548	4800×1500	2	3-80	100	30-200	11	750-950	6-9
3YK1548	4800×1500	3	3-80	100	30-200	15	750-950	6-9
4YK1548	4800×1500	4	3-80	100	30-200	15	750-950	6-9
2YK1848	4800×1800	2	3-80	100	50-250	18.5	750-950	6-9
3YK1848	4800×1800	3	3-80	100	50-250	18.5	750-950	6-9
2YK1860	6000×1800	2	3-80	100	60-300	18.5	750-950	6-9
3YK1860	6000×1800	3	3-80	100	60-300	22	750-950	6-9
4YK1860	6000×1800	4	3-80	100	60-300	30	750-950	6-9
2YK2160	6000×2100	2	3-80	100	80-400	22	750-950	6-9
3YK2160	6000×2100	3	3-80	100	80-400	30	750-950	6-9
4YK2160	6000×2100	4	3-80	100	80-400	30	750-950	6-9
2YK2460	6000×2400	2	3-80	200	100-500	30	750-950	6-9
3YK2460	6000×2400	3	3-80	200	100-500	37	750-950	6-9
4YK2460	6000×2400	4	3-80	200	100-500	37	750-950	6-9
2YK3075	7500×3000	2	3-80	200	84-1000	45	750-950	6-9
3YK3075	7500×3000	3	3-80	200	84-1000	2×30	750-950	6-9
4YK3075	7500×3000	4	3-80	200	84-1000	2×37	750-950	6-9



**ZSW Series
Vibrating Feeder**

Brief Introduction

ZSW Series Vibrating Feeder is mainly used before the coarse crusher to feed material into the primary crusher homogeneously and continuously. Meanwhile, it can screen the fine material to increase the capacity of the crusher.

Features and Advantages

- Smooth vibrating;
- Special grille design to prevent material clogging;
- The grille gap is adjustable;
- Optional frequency conversion motor is convenient to control the feeding amount and avoid starting the motor frequently.

Technical Parameters

Model	Max. Feed Size(mm)	Capacity(t/h)	Motor Power(kW)	Overall Dimension (L×W×H) (mm)	Weight(kg)	Size of Funnel(mm)
ZGF0724	450	30-80	2x1.5kW	2481x1130x995	2800	2400×700
ZSW3896	500	96-160	11	3882×2224×2121	4100	3800×960
ZSW4911	580	120-280	15	4957×2400×2150	5320	4900×1100
ZSW6013	750	400-560	22	6082×2580×2083	7800	6000×1300
ZSW6015	1000	800	30	6627×2350×3068	12110	6000×1500



Belt Conveyor

Technical Parameters

Belt Width (mm)	Belt Length (m) / Power (kW)			Belt Speed (m/s)	Capacity(t/h)
400	≤12/2.2	12-20/2.2-4	20-25/3.5-7.5	1.25-2.0	30-60
500	≤12/3	12-20/3-5.5	20-30/5.5-7.5	1.25-2.0	40-80
650	≤12/4	12-20/4-5.5	20-30/5.5-11	1.25-2.0	80-120
800	≤10/4	10-15/4-4.5	15-30/5.5-15	1.25-2.0	120-200
1000	≤10/5.5	10-20/5.5-11	20-40/11-22	1.25-2.0	200-320
1200	≤10/7.5	10-20/7.5-15	20-40/15-30	1.25-2.0	290-480
1400	≤10/11	10-20/11-22	20-40/22-45	1.25-2.0	400-680
1600	≤10/15	10-20/22-30	20-50/30-75	1.25-2.0	400-680



XS Series Sand Washer



Brief Introduction

XS Series Sand Washer is a bucket-type sand washer, mainly used for washing and dehydration of construction sand and gravel.

Features and Advantages

- 1. Simple in structure, convenient in maintenance;
- 2. High processing capacity and low power consumption;
- 3. Low wear-consumption, lower operating cost.

Technical Parameters

Model	Bucket Wheel Diameter (mm)	Max. Feeding Size (mm)	Capacity (t/h)	Speed (r/min)	Power (kW)	Overall Dimension (L×W×H) (mm)	Weight (t)
XS2600	2600	≤10	20-50	2.5	5.5	3550×2080×2650	2.67
XS2800	2800	≤10	50-100	1.2	11	39641×21371×2895	3.98
XS3200	3200	≤10	80-120	1.2	15	4346×2934×3345	7.27
XS3600	3600	≤10	120-180	1	15	4355×4505×3810	9.43

XL Series Sand Washer



Brief Introduction

XL series sand washing machine can clean and separate the soil and sundries in the sand and gravel. Its novel sealing structure, adjustable overflow weir plate and reliable transmission device ensure the effect of cleaning and dehydration. It is suitable for highway, hydropower, construction and other industries.

Technical Parameters

Model	Screw Diameter (mm)	Length of Chute (mm)	Max. Feeding Size (mm)	Capacity (t/h)	Speed (r/min)	Power(kW)	Water Consumption(t/h)	Overall Dimension (L×W×H) (mm)	Weight (t)
XL508	508	6705	≤10	20	38	5.5	6-60	8000×2343×1430	2.67
XL610	610	7225	≤10	40-50	32	7.5	6-63	8000×2050×1400	3.8
XL762	762	7620	≤10	50-75	26	11	9-63	8545×2650×3862	5.23
XL920	920	8026	≤10	100	18	11	10-80	8715×1632×2075	4.6
2XL920	920	8026	≤10	150-180	18	11×2	20-160	8715×2602×2075	7.9
XL1115	1115	8532	≤10	175	18	15	20-150	9231×1833×2126	5.6
2XL1115	1115	8532	≤10	200-250	18	15×2	40-300	9231×2995×2126	10



ZKH series integrated washing and screening machine

Product Introduction

The ZKH series integrated washing and screening machine is mainly used in sand washing processes in the aggregate industry. Combining the functions of multiple standalone units into one, it adopts a "sled-type" design that revolutionizes traditional sand washing methods. Featuring a small footprint, simplified workflow, and high efficiency, it delivers superior product quality.

Product Features



Simplified process, lower investment cost: Integrates the original production line into a one-stop device, significantly reducing floor space and production costs.

High production efficiency, high water resource utilization, low power consumption, reducing overall operating costs.

Improved product recovery rate to enhance economic benefits, while reducing secondary

pollution and investment costs for wastewater treatment.

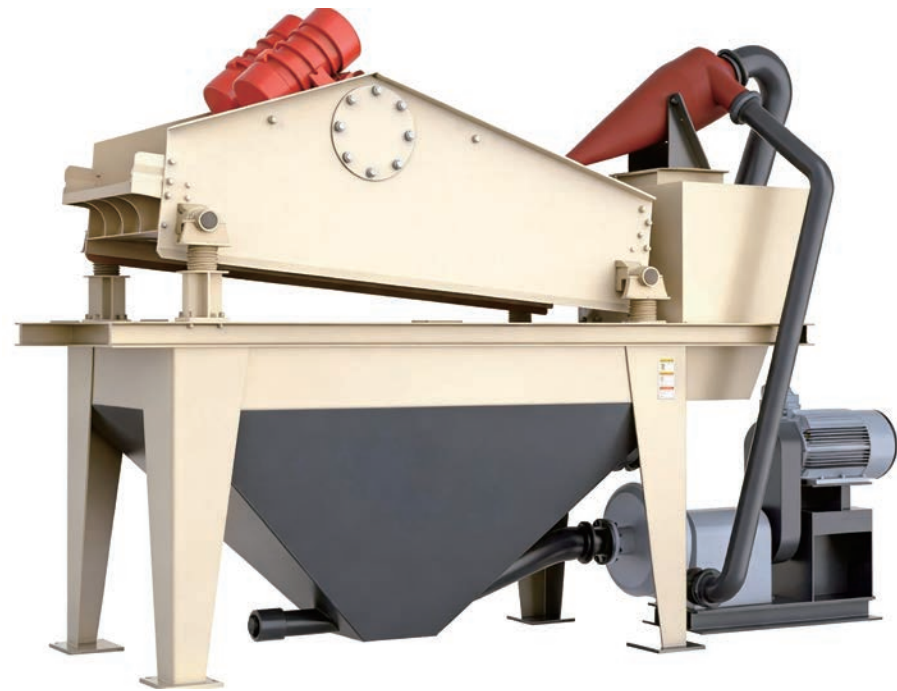
Key maintenance points are easily accessible, eliminating the need for lifting equipment.

Low operating noise, meeting domestic and international environmental standards.

Modular design with module sizes compatible with sea freight containers, enabling easy on-site installation.

Technical Parameters

Model	Sand Washer	Dewatering Screen	Hydrocyclone	Power (kW)	Capacity (t/h)
ZKH-50	XS2600	ZKX1545	FX250-2	39	40-60
ZKH-100	XS2800	ZKX1845	FX300-2	59.5	100-120
ZKH-150	XS3200	ZKX2050	FX350-2	70	150-180
ZKH-200	XS3600	ZKX2445	FX350-3	100	200-220
ZKH-300	XS4200	ZKX3060	FX350-4	137.5	280-300



MS series fine sand recovery machine

Product Parameters

Model	Pump		Hydrocyclones pecification (mm)	Dewatering Screen			Capacity (t/h)	Overall Dimensions (L×W×H)(mm)
	Power (kW)	Size (inch)		Model	Area (m²)	Power (kW)		
MS-06-300	7.5	2"	300	0.6×1.5	0.9	2×0.75	40-60	3590×1342 ×2561
MS-08-300	15	3"	300	0.8×2.25	1.8	2×1.5	40-100	4494×1429 ×2880
MS-10-350	18.5	4"	350	1.0×2.25	2.25	2×1.5	70-140	4622×1680 ×4237
MS-12-550	37	5"	550	1.2×3.0	3.6	2×2.2	150-300	6009×2014 ×3820
MS-12-650	37	5"	650	1.2×3.0	3.6	2×2.2	150-320	6011×2028 ×4060
MS-14-750	45	6"	750	1.4×3.0	4.2	2×3.0	180-343	6013×2042 ×4300

Product Features

- Fine Sand Recovery Unit**

In the traditional wet processing of manufactured sand, spiral sand washers struggle to effectively control fine sand loss. With the fine sand recovery unit, the loss of fine sand can be controlled within 5~10%, solving the problems of excessively high fineness modulus and low stone powder content in the finished sand.
- Hydrocyclone Improvement**

The hydrocyclone is lined with polyurethane material, which extends the service life of the entire unit and efficiently completes slurry thickening and liquid clarification.
- Fine Sand Recovery Efficiency**

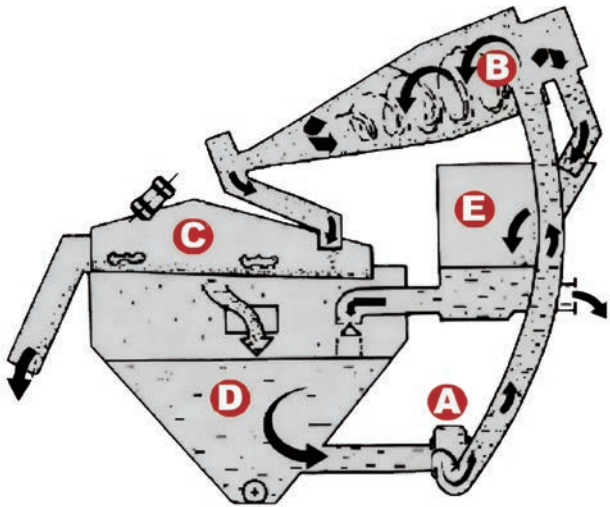
The fine sand recovery machine can recover up to 85% of fine particle materials from the total discharge, offering significant technical and economic advantages.
- Market Supply**

The fine sand recovery system reduces the time required for natural stockpiling of fine materials, allowing direct transportation and supply to the market.
- Vibrating Screen Improvement**

The vibrating screen with a polyurethane screen mesh has a longer service life than other types of meshes and is less prone to screen hole clogging.
- Reduced Sedimentation Tank Maintenance**

Effective recovery of fine particles reduces the workload and cleaning costs of sedimentation tanks.
- Customized Solutions**

Corresponding solutions can be designed according to the specific needs of users.



- A** Slurry Pump
- B** Hydrocyclone
- C** ZKR Linear Vibrating Screen
- D** Washing Tank
- E** Recycling Box



Tire-Type Mobile Crusher Plant

The tire-type mobile crusher plant is a mobile crushing equipment that integrates feeding, crushing, screening, and conveying functions. Built on a tire-type chassis, it provides flexible site relocation and efficient operation, and is widely used in mine exploitation, construction waste disposal, road infrastructure construction, aggregate production, and other applications.

Main Performance Specifications

1. Crushing Performance

- Large crushing ratio, uniform discharge particle size, regular grain shape, and compliance with high-standard aggregate requirements.
- Optimized main shaft speed, high impact energy, long wear-part service life, and strong continuous operation capability.

3. Reliability and Durability

- The frame is welded from high-strength steel plates, offering structural stability and excellent impact and vibration resistance.
- Core components are made from premium materials, resulting in low equipment failure rates, simple maintenance, and suitability for long-term continuous operation.

2. Mobility and Travel Performance

- Heavy-duty engineering tires provide high load-bearing capacity and adapt to uneven road surfaces.
- Flexible steering with a small turning radius, enabling smooth movement even in confined site spaces.

Core Advantages

1. High Mobility and Easy Site Transfer

- Equipped with a tire-based vehicle chassis, the unit can travel directly on roads without complicated disassembly and reassembly, supporting fast relocation between job sites.
- Free from constraints of fixed operation yards, it can reach remote areas including mines, construction yards and demolition sites to carry out on-site crushing.

3. Strong Adaptability, Wide Range of Working Conditions

- Capable of crushing various materials including granite, basalt, limestone, cobblestone, construction waste, and concrete blocks.
- Suitable for complex operating environments such as open-pit mines, urban demolition projects, highway and railway construction, and water conservancy projects.

2. All-in-one Integrated Structure, Quick Commissioning

- The complete machine integrates the feeder, crusher, screener, and conveyor belt, allowing production to start immediately upon arrival.
- No need for on-site civil works, piling, or fixed production line installation, greatly reducing construction time and costs.

4. Flexible Capacity, Configurable to Requirements

- Can be combined with jaw crushers, cone crushers, impact crushers, hammer crushers, and mobile screening plants to achieve coarse, medium, fine crushing, and screening in a single integrated process.
- Capacity ranges from tens to hundreds of tons per hour, meeting the needs of small and medium-scale production.





AM Series Mobile Jaw Crusher Plant

Series	Model	Feeder Model	Crusher Model	Dimensions (mm)	Weight (t)
Primary Crushing Series	AME600	ZSW960×3800	PE600×900	12000×2600×3950	39
	AME750	ZSW1100×4200	PE750×1060	13000×2800×4200	51
	AMF1214	ZSW960×3800	PF1214	12000×2600×4000	40
	AMF1315	ZSW1100×4200	PF1315	14000×2800×4200	46

Four-in-one mobile crushing plant

Model	Feeder Model	Jaw Crusher Model	Impact Crusher / Cone Crusher Model	Vibrating Screen Model	Overall Dimension (mm)	Weight (t)
AME46PF1007	GZT0724	PE400×600	PF1007	3YK1237	13000×2500×4200	46
AME46PY600	GZT0724	PE400×600	PYB900	3YK1237	13000×2500×4200	48
AM57PF1010	GZT0940	PE500×750	PF1010	3YK1548	14000×2500×4200	55
AM57CS75	GZT0940	PE500×750	CS-75	3YK1548	14000×2500×4200	55
AM69PF1210	ZSW3896	PE600×900	PF1210	3YK1848	16000×2800×4200	68
AM69HPC300	ZSW3896	PE600×900	HPC300	3YK1848	16000×2800×4200	70

AM Series Mobile Cone Crusher Plant

Series	Model	Vibrating Screen Model	Crusher Model	Dimensions (mm)	Weight (t)
Secondary & Fine Crushing Screening Series	MAC160	3YK1860	CS160	13800×3000×4200	56
	MSH300	3YK2160	HP300	14000×3000×4200	54
	MAC420	3YK1848	CH420	13000×2800×4200	38
	MAC430	3YK1860	CH430	14000×2800×4200	52
	MAC440	3YK2160	CH440	15500×3000×4200	58
	AMF1214	3YK1860	PF1214	14500×2900×4200	53
	AMF1315	3YK2160	PF1315	15000×3100×4200	62





High pressure hanging roller mill

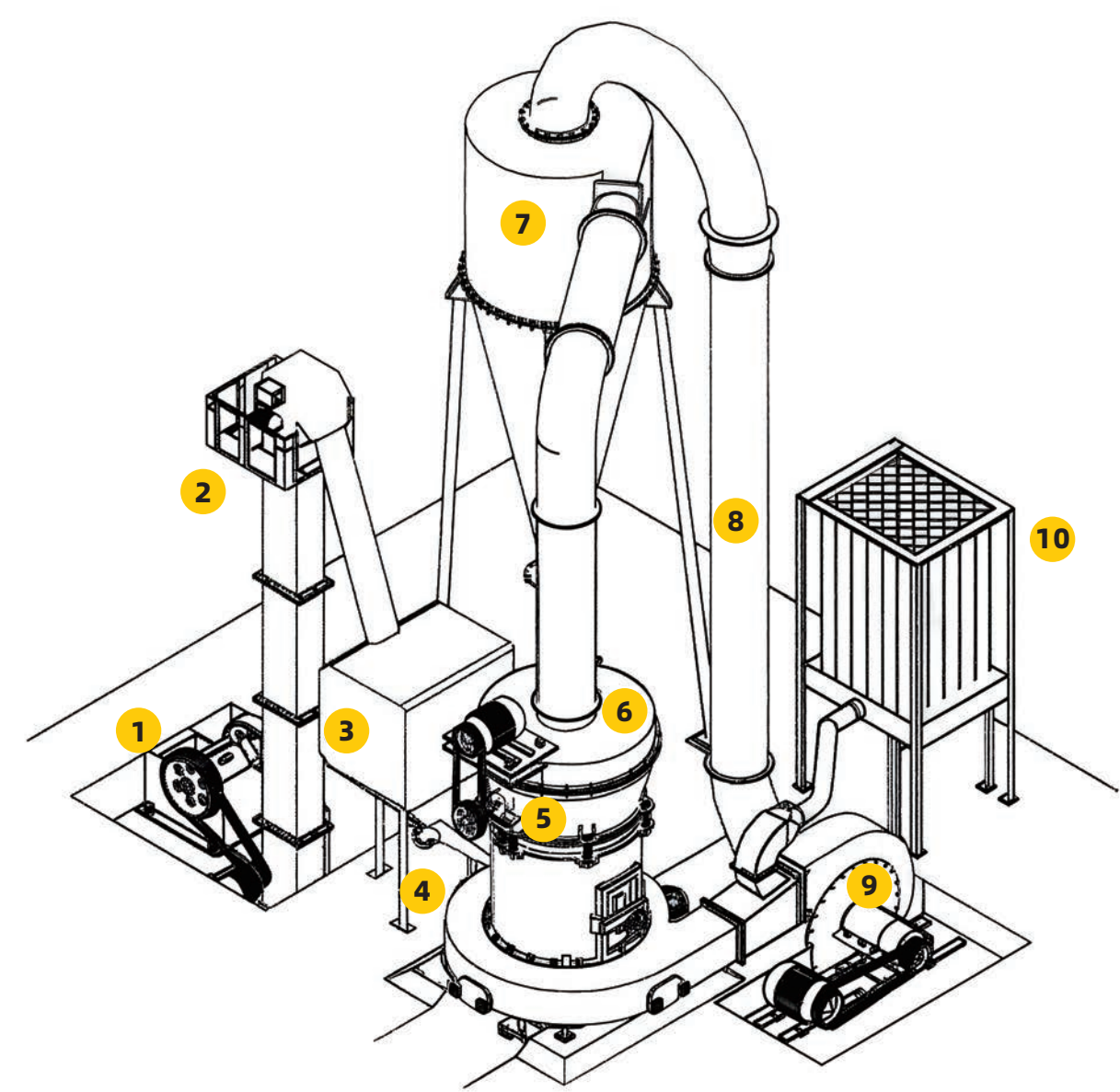
High Pressure Suspension Mill is mainly applied to processing Mohs hardness of 9.3 and humidity below 6% below the various non-explosive mineral materials processing, metallurgy, building materials, chemical, mining, highway construction, water conservancy and hydropower industry has a wide range of applications, is the processing of quartz, K-feldspar, calcite, limestone, talc, ceramics, marble, granite, dolomite, bauxite, iron ore, barite, bentonite, coal, activated carbon, coal and other 280 kinds of materials are ideal fineness of materials can be 0.198 mm - 0.033 mm (80 mesh -425 mesh) between adjustments. Mill through a special device to produce 0.613 mm(30 mesh)coarse powder.



Product Features

1. Unique Design. The Grinding Chamber, The Upper Portion In Plum Designed 1500kg-2000kg Of Pressure Device, The Same Power, The Yield Increased By 10-30%, Grinding Apparatus For Grinding Material Pressure Increases 800-1500kg, The Finest Product Fineness Can Be Up To 1000 Mesh.
2. Materials Applicability, Mohs Hardness 9.3 For The Following Types Of Materials.
3. Dust Effect Fully Meet The National Standards.
4. Roller Device With High-Quality And Efficient Processing Technology, Overlapping Multi-Level Seal To Ensure A Good Seal.
5. Roller, Grinding Ring Replacement Cycle Is Long, Excluding The Replacement Of Wearing Parts Centrifugal Mill Short Cycle Ills.
6. Grinding Device Overlapping Multi-Level Sealing, Good Sealing Performance.

Structural Drawing



- 1

Jaw Crusher
- 2

Bucket Elevator
- 3

Storage Hopper
- 4

Feeder
- 5

Classifier
- 6

Raymond Mill
- 7

Powder Collector
- 8

Piping System
- 9

Blower
- 10

Dust Collector

Technical Parameters

Model	Number of grinding rollers	Grinding Roller size (mm)	Grinding ring inner diameter and height (mm)	Max feed size (mm)	Finished size (mm)	Capacity (t/h)	Host power (kW)	Weight (t)	Dimensions(mm)
YGM65	3	210 × 150	650 × 150	15	0.198-0.033	0.4-1.8	15	3.8	4100 × 3300 × 4500
YGM75	3	260 × 150	780 × 150	15	0.198-0.033	1-3	18.5	4.8	4300 × 3500 × 5100
YGM85	3	270 × 150	830 × 150	20	0.198-0.033	1.2-4	22	8.5	5300 × 4100 × 5200
YGM90	3	300 × 150	875 × 150	20	0.198-0.033	1.5-4.5	30	9.2	6500 × 4100 × 5200
YGM95	4	310 × 170	950 × 170	25	0.198-0.033	2.1-6.5	37	16	7900 × 5900 × 9100
YGM130	5	410 × 210	1280 × 210	30	0.198-0.033	2.5-11	75	25.7	9200 × 8000 × 9700

