



FIXED PLANT & EPC PROJECTS

CRUSHERS

FEEDERS

SCREENS

SAND MAKING

CONVEYORS



www.CoviryPacific.com.au

Content

At Coviry Pacific, our mission is to deliver world-class mineral processing solutions tailored to the unique needs of the Australian market. As a subsidiary of Coviry, we leverage decades of industry expertise and cutting-edge technology from our parent company to provide sustainable, efficient, and high-performance equipment solutions. Our unwavering focus on quality, safety, R&D and innovation ensures that we deliver reliable, cost-effective systems that drive operational excellence for our clients.

Our product range includes highly integrated mobile, fixed and modular plant. Whether you're looking to optimise your existing processes or embark on new projects, our dedicated team is here to support you every step of the way. Thank you for considering Coviry Pacific as your trusted partner in advancing your business. We look forward to being a part of your journey toward greater efficiency and productivity.

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COVIRY

Let us tell you something
About Us

Coviry is a producer of both fixed and mobile crushing, screening and sand-making equipment. **Coviry Pacific** brings world-class engineering and manufacturing expertise from its parent company Coviry to the Australian and broader Pacific markets.

The Coviry Advantage

At Coviry Pacific, we understand the unique demands of the Australian and Pacific region, including challenging terrains, rigorous environmental standards, and the need for reliable, and durable equipment. By integrating cutting-edge engineering with local industry insights, we offer a portfolio of machinery designed to enhance productivity, reduce operational costs and ensure the highest levels of performance.



Fixed Plant



Mobile Plant

We collaborate closely with our major shareholder and partners



PACIFIC

Manufacturing Excellence & Quality Assurance

Coviry has built a reputation for its robust, high-performance machinery, and Coviry Pacific is committed to upholding these same standards. Our parent company, Coviry, is a global leading OEM and operates state-of-the-art manufacturing facilities with over 150,000 square metres of workshop space which has produced over 3,000 fixed and mobile production units. This extensive manufacturing capacity allows us to maintain strict quality control processes at every stage, from design and production to final assembly.



150,000 m² Workshop Space

We've Produced

Feeders:	600+ units
Crushers:	1,000+ units
Sand Making:	500+ sets
Screens:	1,000+ sets
Mobile Crushers:	30 units

Our Capabilities

Coviry Pacific specialises in designing and manufacturing a wide range of equipment, including mobile crushers and screening plants, jaw and cone crushers, impactors, and sand-making machines. Our product lines are built to handle even the toughest materials, such as basalt, granite, limestone, and river rock, with precision and efficiency.

- **Advanced Engineering:** All Coviry machines are engineered with the latest innovations, incorporating hydraulic systems, wear-resistant materials, and intelligent remote controls.
- **Comprehensive Product Range:** From high-capacity jaw crushers to versatile mobile screening plants, our solutions are tailored to suit primary, secondary, and tertiary crushing applications.
- **Customised Solutions:** With access to Coviry's engineering expertise, we offer customised configurations to match specific operational requirements and ensure optimal productivity.
- **EPC Capability:** We offer a complete service to design and construct an entire processing plant, managing every step from raw feed to the final customer product.

EPC CAPABILITY

from concept to commissioning

Turnkey Projects

Coviry has a proven track record of delivering turnkey solutions for the mining and aggregate industries' crushing and screening needs. This experience covers complete plant installations for mining, sandmaking and other mineral processing across China, South-East Asia, Central Asia, Africa and South America. Coviry Pacific utilises this extensive background to tailor solutions to the Australian market.

Project: Minxian Aggregate Plant
Capacity: 600tph
Location: Gansu, China
Rock: Granite
Main Equipment: CFZ1860 Linear Feeder, PJ1500 Jaw Crusher, CSY2870-2 Vibrating Screen, CCHS400C Single Cylinder Hydraulic Cone Crusher, CCM800X Multi-Cylinder Hydraulic Cone Crusher, CV500 Vertical Shaft Impact Crusher, CSY3075-3 Vibrating Screen, CPGY3075-2 Roller Crusher, CLX20 Spiral Classifier, CSR3060 Dewatering Recovery Machine



LIMESTONE

Project: Huai ji Crushing Plant
Capacity: 400 tph
Location: Guangdong, China
Rock: Limestone
Main Equipment: PEG900x1200 Jaw Crusher, CCG280T Cone Crusher, CCM500Z Cone Crusher
Year: 2022



GRANITE

Project: Granite Aggregate Crushing Plant
Capacity: 1000 tph (double lines)
Location: Jiangxi
Rock: Granite
Main Equipment: CFW1870 Feeder, CJ1600 Jaw Crusher, CCS450T Spring Cone Crusher, CCM500 Multi Cylinder Hydraulic Cone Crusher, CSY2570-2 Vibrating Screen, CSY3075-2 Vibrating Screen, CV500 Sand Making Machine, GMB3645 Rod Mill, CLD3027 Wheel Bucket Sand Washer, CSZ2460 Dewatering Screen, CSZ3060-2 Double-Layer Dewatering Screen, CSR2460-500-2 Fine Sand Recovery Machine
Year: 2022



COPPER

Project: Copper Mine
Capacity: 800 tph
Location: Kazakhstan
Rock: Copper Ore
Main Equipment: PJ1200 Jaw Crusher, CFZ1360 Linear Vibrating Screen, CFW1520 Vibrating Feeder, CCS400 Cone Crusher, CCS300 Cone Crusher, CSY2870 Vibrating Screen
Year: 2017



CRUSHING TECHNOLOGIES

to suit your unique
Project Needs

GYRATORY CRUSHERS

Working Principles

Gyratory crushers work by continuously crushing material between a moving conical head and a fixed outer shell. The head gyrates within the chamber, applying pressure until the rock breaks down into smaller pieces. This design allows for very high capacities and efficient handling of large feed sizes.

Applications

The **CCK Series** is widely used in large-scale mining, quarrying, and mineral processing. It is ideal for producing feed for downstream secondary crushing, screening and grinding mills, and for handling hard, abrasive rocks such as granite, basalt, and iron ore.



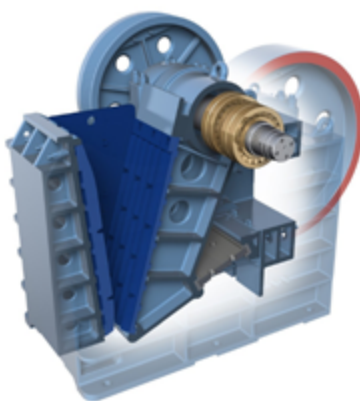
JAW CRUSHERS

Working Principles

Jaw crushers reduce material by compressing it between a fixed jaw and a moving jaw. The moving jaw has a reciprocating motion that forces material down into the chamber where it is crushed into smaller fragments. The simple, robust design makes them reliable and easy to maintain.

Applications

The **CJ and PJ Series** are mainly used as primary crushers in mining, quarrying, and recycling industries. They are effective for breaking down hard and abrasive materials such as rock, concrete, and demolition waste. With their strong performance and durability, they are essential for both construction and mining projects where efficiency and reliability are critical.



CONE CRUSHERS

Working Principles

Cone crushers reduce material by compressing it between a moving mantle and a fixed concave (bowl liner). As the mantle swings in a circular motion, the gap opens and closes, breaking the rock into smaller pieces until it reaches the required size. This continuous action makes cone crushers highly efficient for secondary, tertiary, and fine crushing.

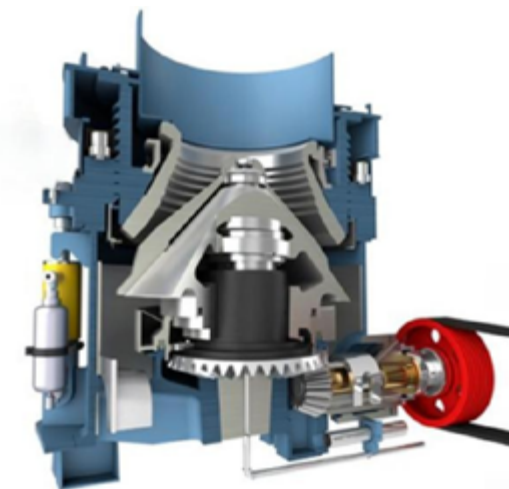
CCM Series – The CCM crusher operates on the same principle but incorporates hydraulic overload protection. If uncrushable material enters the cavity, the hydraulic system automatically releases pressure and resets, preventing jamming and protecting the machine.

CCH Series – The CCH crusher combines efficient crushing with advanced hydraulic adjustment. Its hydraulic cylinder allows precise control of the closed side setting (CSS), giving operators flexibility in producing different product sizes while maintaining consistent performance, ensuring flexible control over product size.

CCS Series – The CCS crusher features an eccentric drive system combined with a spring safety mechanism. As the mantle swings, material is compressed against the concave and broken into smaller pieces. The spring system provides reliable overload protection by allowing the crusher to release safely if uncrushable material enters the cavity.

Applications

Cone crushers are widely used in the aggregates industry to produce materials for roads, concrete, and asphalt. They are also essential in mining operations for reducing hard ores and in industrial mineral processing where consistent, cubical products are required.



CRUSHING TECHNOLOGIES

to suit your unique
Project Needs

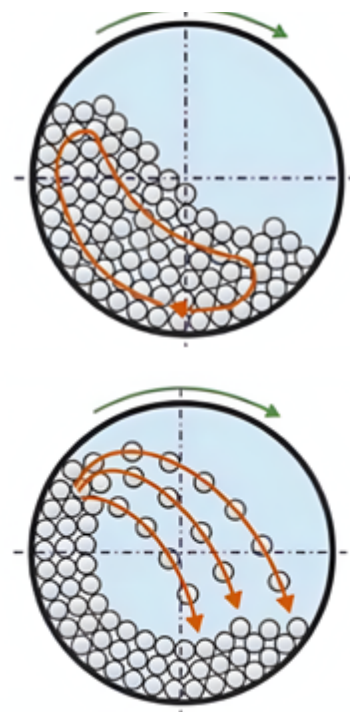
ROD & BALL MILL

Working Principles

A Rod and Ball Mill uses long steel rods or balls as the grinding medium inside a rotating cylinder. As the cylinder turns, the rods rise under friction and centrifugal force before falling to crush and grind the material. A motor drives the rotation through a reducer and gear or a synchronous motor system. Feed material is introduced continuously through the inlet, while ground product is discharged through overflow, ensuring efficient and consistent sand production.

Applications

The **GM/GMB/GZM Series** is widely used in sand and stone production, particularly for processing feldspar, quartz, river pebbles, and granite. It is a proven solution for producing high-quality sand used in construction, road building, and concrete industries. Rod mills are also applied in mineral processing plants for fine grinding, as well as in glass, ceramics, and specialty aggregate industries where uniform particle sizes and controlled reduction are essential.



ROLL CRUSHER

Working Principles

A Roll Crusher uses two gear-driven rollers that rotate in opposite directions to crush material by compression. As feed enters the gap between the rollers, it is squeezed and reduced to the desired size. The particle size can be precisely controlled by adjusting the roller gap, allowing production to range from coarse sand to fine powder.

Applications

Roll crushers are used across mining, quarrying, and industrial mineral industries where controlled, uniform product size is essential. The **CPGY Series** is ideal for processing limestone, coal, clinker, glass, and other medium-hard to soft materials. It is also used in sand making and fine crushing operations where low noise, dust control, and energy efficiency are required.

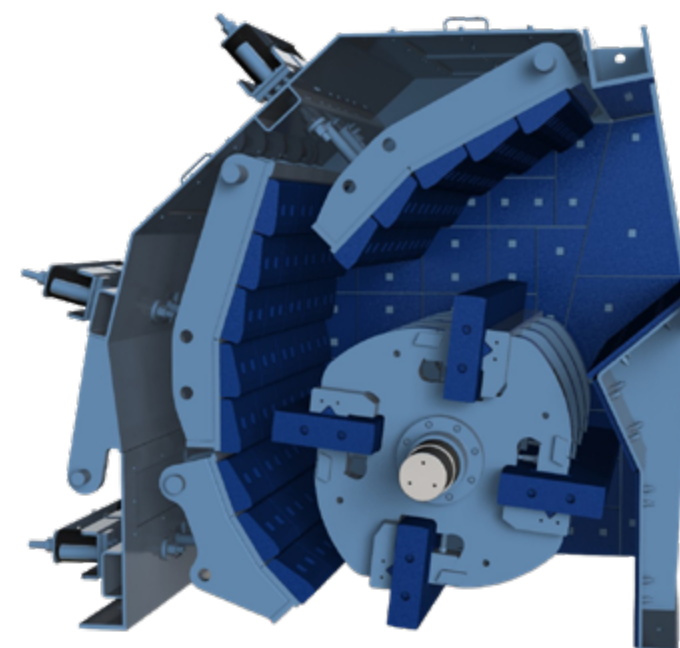
IMPACT CRUSHERS

Working Principles

Impact crushers reduce material by striking it with rapidly moving hammers or bars attached to a spinning rotor. The rock is accelerated and forced against breaker plates or other particles, shattering into smaller pieces. This repeated impact process produces well-shaped, cubical aggregates.

CV Series – Uses a combination of rock-on-rock and rock-on-steel crushing. Material is fed onto a spreader plate and accelerated through the **vertical** impeller at high speed. Some of the material collides with cascade material in mid-air (rock-on-rock), while the rest impacts against chamber liners (rock-on-steel). This process creates multiple impacts, producing fine, cubical aggregates before the material exits through the bottom.

CF Series – Relies on repeated impacts within the chamber. Feed material strikes the blow bars on the high-speed **horizontal** rotor, then rebounds against breaker plates. The process continues through several impact zones until the material is reduced to the desired size. The final product size and shape can be controlled by adjusting the gap between the blow bars and breaker plates.



Applications

Impact crushers are widely used in the construction industry for producing aggregates for concrete, asphalt, and road building. They are also popular in recycling, where they process materials such as concrete, asphalt, and glass. In quarrying, they are commonly applied to softer and medium-hard stone, such as limestone.

GYRATORY CRUSHER

detailed Specifications

CCK SERIES

The CCK Hydraulic Rotary Crusher leverages over 30 years of experience in product design and manufacturing within the crushing industry. Drawing on advanced crusher technology, this efficient hydraulic rotary crusher has been developed to deliver exceptional performance.

The CCK high-efficiency hydraulic rotary crusher combines a high-strength body, advanced hydraulic system, electrical automation, and intelligent control technology. It embodies the latest in rotary crusher technology, surpassing traditional crushers in terms of crushing efficiency, reduced production costs, and ease of maintenance. Its robust design makes it the top choice for efficient coarse crushing in large mining operations.

Features

- **Superior Crushing Capacity:** The crusher features a large inclination angle and extended crushing surface, providing powerful crushing force and prolonging liner life.
- **Durable and Reliable Design:** A heavy-duty frame, large-diameter integrated spindle, and high-performance bearings ensure enhanced service life and safe, reliable operation. The use of an integral forged spindle eliminates the risks associated with loose moving cones, reducing maintenance needs.
- **Optimised Shaft Strength:** The threaded moving cone nut is set on a replaceable alloy steel sheath, preventing stress concentration on the main shaft and enhancing its durability. The upper shaft, with its large diameter and ultra-high strength, is designed to withstand tough and demanding crushing conditions.

30 Years of CCK Series Product Development

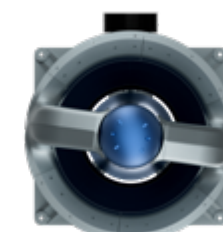


**High Output
Low Crushing Costs**

CCK Series Technical Parameters

Model	Motor Power (kW)	Feed Opening (mm)	Max Feed Size (mm)	Capacity (t/h) @ Closed Side Setting					
				140mm	150mm	165mm	175mm	190mm	200mm
CCK4265	400	1100	900	1650	1900	2100	2350		
CCK5065	450	1300	1050		2260	2650	2800		
CCK5475	500	1400	1180		2575	2890	3050	3240	3400
CCK6275	550	1600	1350		2600	3100	3300	3685	3750

Note: The capacities listed in the table are based on a bulk density of 2.7 t/m³ with smooth and consistent feeding. Smaller closed side settings will yield capacities closer to the lower end, while larger settings will approach the upper range. Actual capacity may vary depending on factors such as feeding method, material characteristics (gradation, moisture content, clay content), bulk density, and crushability.



Top



Front



Side



Maximum Capacity
3,750t/h

Feed Size Up To
1,350mm

JAW CRUSHER

detailed
Specifications

CJ SERIES

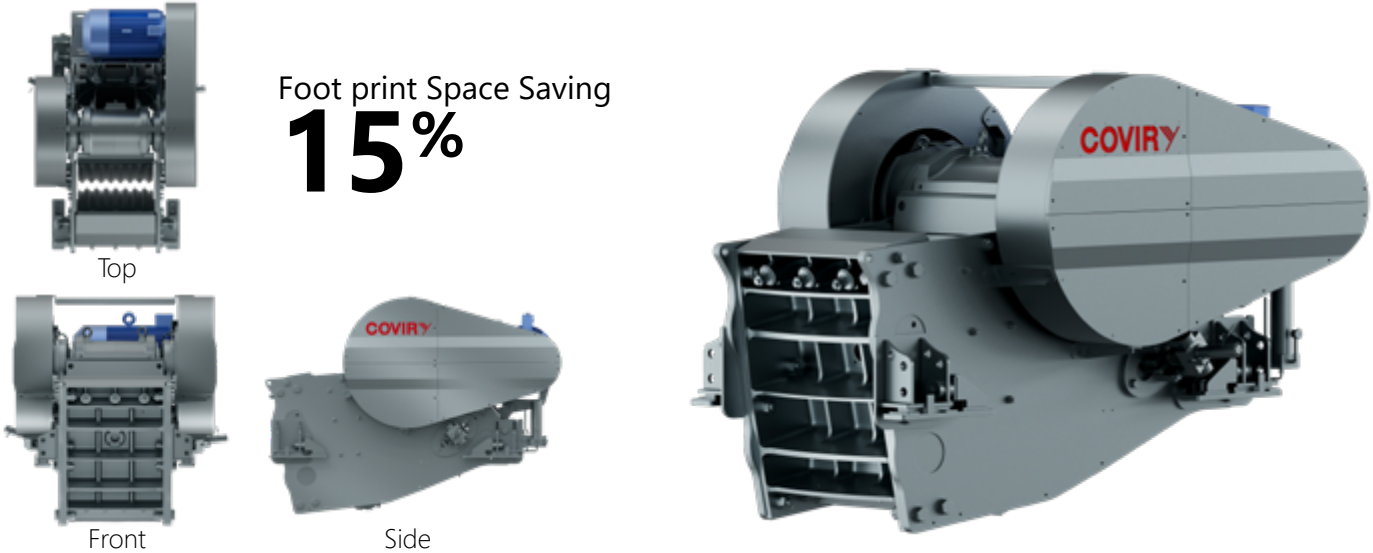
The **CJ Series Jaw Crusher** features a world-class modular, non-welded main frame structure, ensuring superior reliability and product quality. Building on advanced European technology, it is ideal for primary stage crushing feedstock **up to 1250 mm** in industries such as mining, quarries, construction, building materials, roads, railways and chemicals.

Features

- **Modular, Non-Welded Structure:** The modular design eliminates welding seams, which helps prevent stress concentrations and extends the crusher’s lifespan, particularly under heavy loads.
- **High Capacity:** With an optimised cavity shape and discharge opening, the CJ series achieves higher capacity (**up to 2,400 t/h**) than comparable products. The optimised speed improves pitman movement and performance, resulting in greater throughput.
- **Effortless Installation:** The modular main frame simplifies on-site installation and assembly, offering high fatigue resistance and reliability. It’s compact design is ideal for sites with limited space or challenging access, such as underground mines or high-altitude locations.
- **Space-Saving Motor Integration:** The electric motor is mounted directly on the main frame, reducing the space required for installation and shortening the V-belt length. The motor mount adjusts the belt tension, prolonging its service life and enhancing overall efficiency.

CJ Series Technical Parameters

Model	Maximum Feed Size (mm)	Feed Opening Dimensions (mm)	Main Shaft Speed (rpm)	Motor Power (kW)	Overall Dimensions (LxWxH) (mm)
CJ106	620	1060x700	280	110	3310 x 2450 x 2400
CJ116	630	1150x760	260	132	3616 x 2328 x 2650
CJ125	765	1250x950	220	160	4246 x 2600 x 3157
CJ150	1050	1400x1200	220	220	4955 x 3460 x 3960
CJ160	1100	1600x1300	205	355	5350 x 3250 x 4125
CJ200	1250	2000x1500	200	400	6600 x 4030 x 4400



CJ Series Capacity

Product Size (mm)	Closed Side Setting (mm)	CJ80 (t/h)	CJ100 (t/h)	CJ106 (t/h)	CJ116 (t/h)	CJ125 (t/h)	CJ150 (t/h)	CJ160 (t/h)	CJ200 (t/h)
≤60	40	66-86							
≤75	50	81-96							
≤90	60	96-126							
≤105	70	116-151	152-212	155-200	170-220				
≤120	80	131-171	172-227	175-230	190-250				
≤135	90	152-197	192-247	200-260	215-280				
≤150	100	167-217	217-282	220-290	240-310	291-381			
≤185	125	212-277	267-347	280-365	295-385	351-456	420-570		
≤225	150	252-327	317-412	355-435	350-455	411-536	530-710	600-820	
≤260	175	292-382	352-457	390-510	405-525	472-612	630-850	730-980	920-1250
≤300	200		422-547	445-580	460-600	532-692	739-1000	850-1150	1082-1450
≤340	225					591-771	860-1160	980-1350	1255-1699
≤375	250					652-847	980-1320	1120-1520	1437-1898
≤410	275							1260-1710	1625-2199
≤450	300							1400-1900	1820-2462

JAW CRUSHER

detailed
Specifications

PJ SERIES

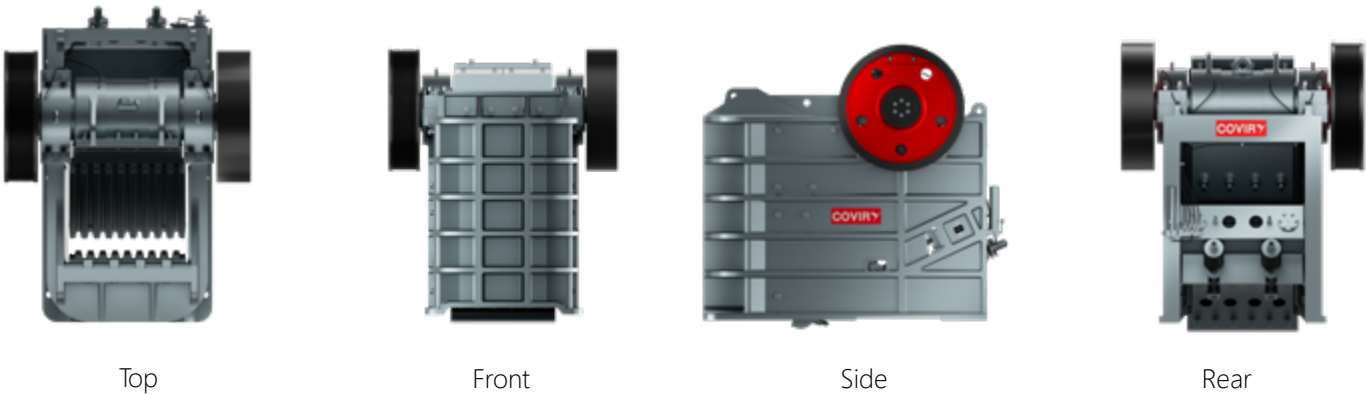
The **PJ Series Jaw Crushers** are extensively used across industries such as metallurgy, quarrying, chemicals, construction, power generation, and transportation. It's simple structure, robust build, and reliable performance make the PJ ideal for applications requiring durability, easy maintenance, and low production costs. This crusher is designed to handle various ores and rocks with compressive strengths ranging from 147 to 245 MPa, and can crush materials up to a maximum strength of 320 MPa. Compared to traditional jaw crushers, the PJ series is significantly optimised with a well-designed cavity shape, smoother operation, and reduced energy consumption, making it ideal for coarse crushing of ores and bulk materials.

Features

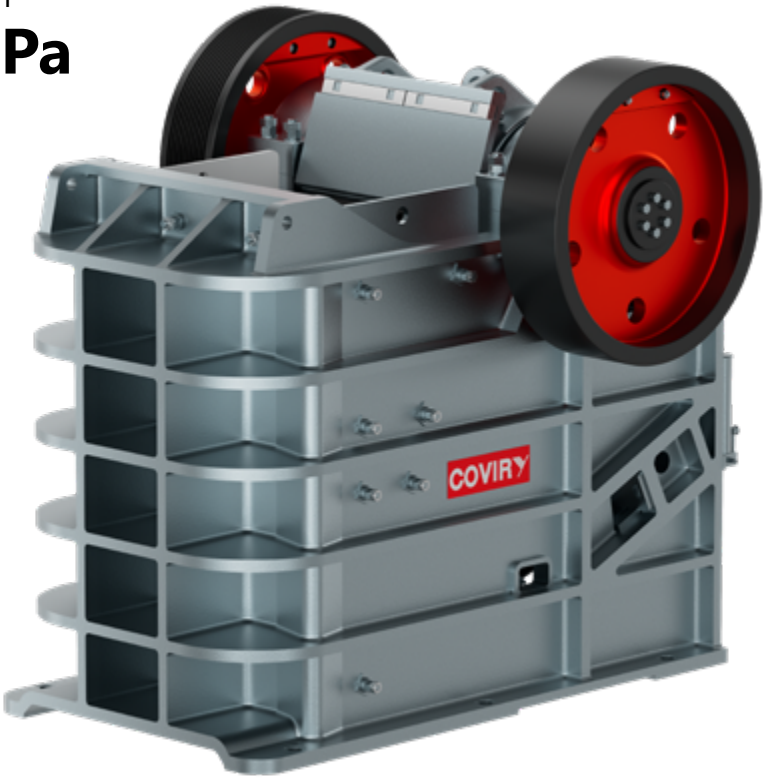
- **High Strength and Stability:** The fully cast body offers exceptional compressive strength, ensuring stable performance with hard materials.
- **Optimised Cavity Design:** Enhances throughput by 15-20% while lowering energy consumption.
- **Improved Bearing Lubrication:** Enhanced lubrication system reduces bearing temperatures and extends bearing life.
- **Enhanced Crusher Tooth Design:** Increases material flow, extending tooth plate lifespan and reducing maintenance costs.
- **Simple and Efficient Maintenance:** The straightforward structure allows for quick and easy maintenance, minimising downtime.

PJ Series Technical Parameters

Model	Maximum feed size (mm)	Closed side setting (mm)	Capacity (t/h)	Eccentric shaft speed (rpm)	Motor power (kW)	Dimensions (LxWxH) (mm)
PJ750	425	50-120	80-130	275	55	1898×1890×1920
PJ900	500	60-160	100-220	275	75	2081×2180×2371
PJ1100	630	100-200	200-350	275	110	2556×2409×2831
PJ1200	750	100-220	400-630	250	160	3100×2756×3260
PJ1500	1020	160-320	750-1100	220	220	4016×3348×3880
PJ1600	1100	180-330	950-1300	210	355	4370×3360×4400
PJ1800	1200	220-350	1000-1500	205	400	4700×3830×4695



Maximum Strength
320MPa



Compressive Strength Range
147 to 245MPa

CONE CRUSHER

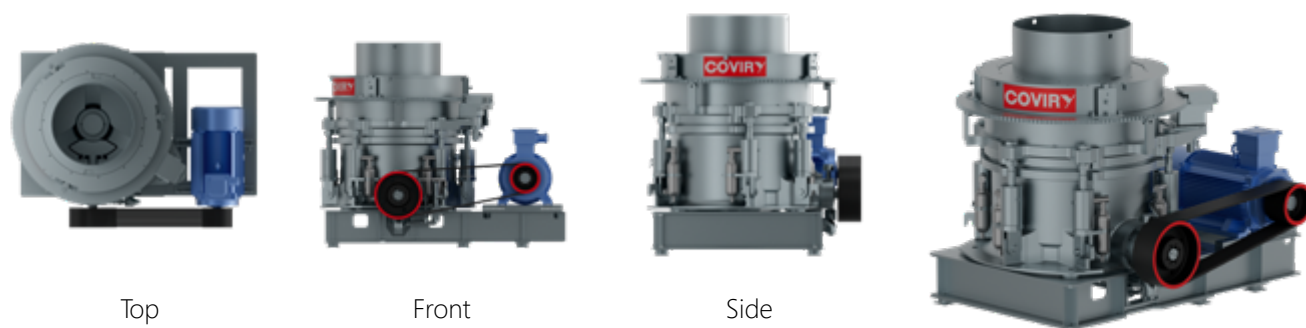
detailed
Specifications

CCM SERIES

The **CCM Series Multi-Cylinder Hydraulic Cone Crusher** is a world-class, high-performance solution designed for secondary, tertiary, and quaternary crushing. With its unparalleled efficiency and capacity **up to 3,000 t/h**, it excels in handling a wide range of materials, from limestone to basalt, making it ideal for diverse crushing applications.

Features

- **Robust Structure and Stable Performance:** The optimised design ensures high reliability and low operating costs. The inter-particle crushing principle enhances product shape, while the combination of a specialised cavity design and optimised speed optimises the proportion of fine products, reducing elongated and flaky particles.
- **Reliable Hydraulic Protection:** The hydraulic system for adjustment and overload protection boosts equipment reliability and simplifies maintenance, reducing downtime. Hydraulic cylinders automatically release tramp material in order to prevent jamming, ensuring smooth, continuous operation.
- **Efficient Lubrication for Longevity:** The unique oil lubrication system significantly extends equipment lifespan. A high-performance, non-contact labyrinth seal prevents dust ingress and contamination, eliminating issues with oil-water mixing found in traditional spring cone crushers.
- **High Crushing Efficiency and Superior Product Shape:** With high speed and large stroke, the CCM series delivers exceptional crushing capacity and efficiency.
- **Integrated Lubrication System and Control Panel:** Built-in lubrication system and control panel simplify operation, improve monitoring, and support efficient maintenance.



CONE CRUSHER

detailed
Specifications

CCM SERIES

CCM Series Technical Parameters

Model	Motor Power (kW)	Weight (t)	Standard				Short-head			
			Cavity Type	Max Feed Size (mm)	Closed Side Setting (mm)	Capacity (tph)	Cavity Type	Max Feed Size (mm)	Closed Side Setting (mm)	Capacity (tph)
CCM300	250	18	T	210	25-60	230-500	DC	77	10-45	115-400
			C	190	20-45	210-400	DZ	53	8-45	95-400
			Z	150	16-45	180-400	DX	25	6-45	75-400
			X	105	13-45	150-400	DTX	20	5-16	60-180
CCM400	315	24	T	270	30-65	320-750	DC	92	10-32	140-325
			C	225	25-51	295-600	DZ	52	8-32	115-325
			Z	190	20-51	260-600	DX	40	6-25	90-295
			X	111	15-51	190-600	DTX	40	6-25	90-295
CCM500	400	34	T	300	30-65	390-900	DC	95	13-51	230-720
			C	57	25-51	360-720	DZ	57	10-51	175-720
			Z	204	20-51	320-720	DX	40	8-51	150-720
			X	133	16-51	280-720	DTX	40	6-51	130-720
CCM800	630	64.1	T	330	32-90	545-1800	DT	180	13-51	325-990
			C	270	32-65	545-1350	DC	155	13-51	325-990
			Z	240	25-65	495-1350	DZ	92	10-51	260-990
			X	210	16-65	385-1350	DX	33	6-51	205-990

Cavity Description: T = Extra Coarse, C = Coarse, Z = Medium, X = Fine, DT= Short-head Extremely Coarse, DC= Short-head Coarse, DZ= Short-head Medium, DX=Short-head Fine, DTX=Short-head Extremely Fine.

Capacity Under Given Closed Side Settings

Model	t/h	10mm	13mm	16mm	19mm	22mm	25mm	32mm	38mm	45mm	51mm
CCM300	t/h	117-142	152-187	182-222	202-242	222-262	232-282	252-322	302-382	352-442	
CCM400	t/h	142-177	187-232	227-280	257-322	277-347	297-372	327-432	362-492	412-562	466-631
CCM500	t/h	176-221	231-291	281-351	321-401	346-431	366-456	406-536	446-606	511-701	581-791
CCM800	t/h	262-337	327-426	386-500	435-547	472-600	497-732	547-800	600-950	695-1050	788-1200

Note: The capacity table serves as a preliminary reference for selecting a model from the CCM series multi-cylinder hydraulic cone crushers. The data is based on a material density of 2.7 t/m³ in an open circuit. In a closed circuit with a high percentage of fines in the feed, capacity may increase by 15%-30%. The values provided are nominal peak capacities. For accurate model selection tailored to your specific needs, please consult Coviry Pacific engineers.

CCM Heavy Duty

Max Feed Size
360mm

The **CCM1100 and CCM 1250 heavy-duty hydraulic cone crusher** combines a compact, robust design with a large crushing capacity. It's features, including a rotatable concave, automatic tramp release, and large feed opening ensure stable performance and uniform product gradation. The rotatable concave promotes even wear, while the automatic tramp release enables uncrushable materials to pass through seamlessly, maintaining consistent operation and product quality.

CCM1100/1250 Technical Parameters

Model	CCM1100	CCM1250
Closed Side Setting (mm)	8-70	10-50
Motor Power (kw)	800	1000
Max Feed Size (mm)		
T	360	360
C	320	330
Z	300	310
X	220	230
DT	180	190
DC	140	150
DZ	104	110
DX	64	70

CCM1100/1250 Capacity

Capacity (tph)								
C.S.S (mm)	8	13	19	25	32	38	45	50
CCM1100	420	618-732	725-900	918-1210	1210-1355	1377-1750	1600-1785	1833-2420
C.S.S (mm)	10	13	19	25	32	38	45	50
CCM1250	590-700	770-915	900-1125	1145-1510	1455-1875	1720-2190	2000-2610	2290-3025

CONE CRUSHER

detailed
Specifications

CCH SERIES

The **CCH Series Single-Cylinder Hydraulic Cone Crusher** is a high-performance, compact crusher with strong crushing force, high efficiency, and excellent product shape. Ideal for secondary and tertiary crushing, it offers multiple cavity options, high reliability, and user-friendly automation.

Available in **CCH** and **CCHS** variants—CCHS features a larger feed opening and higher capacity, making it more suited to secondary applications.

Features

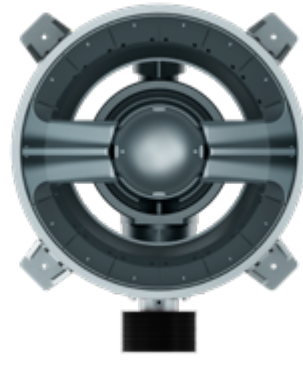
- **Versatile Cavity Options:** Multiple cavity designs and adjustable eccentricity for varied applications.
- **High Capacity with Low Operating Costs:** Special liners maintain cavity shape, ensuring stable capacity and longer wear life.
- **Effortless Operation and Maintenance:** Top-side access and advanced sealing reduce downtime, dust ingress, and upkeep costs.
- **Particle Shape:** Heavy-duty rolling bearings replace traditional copper sleeves. This reduces the fit clearance, increases the swing speed of the main shaft, boosts output, and optimises grain shape.
- **Multiple Stroke Options:** The stroke can be adjusted according to the material type, enabling flexibility to meet different crushing requirements.



Front



Side

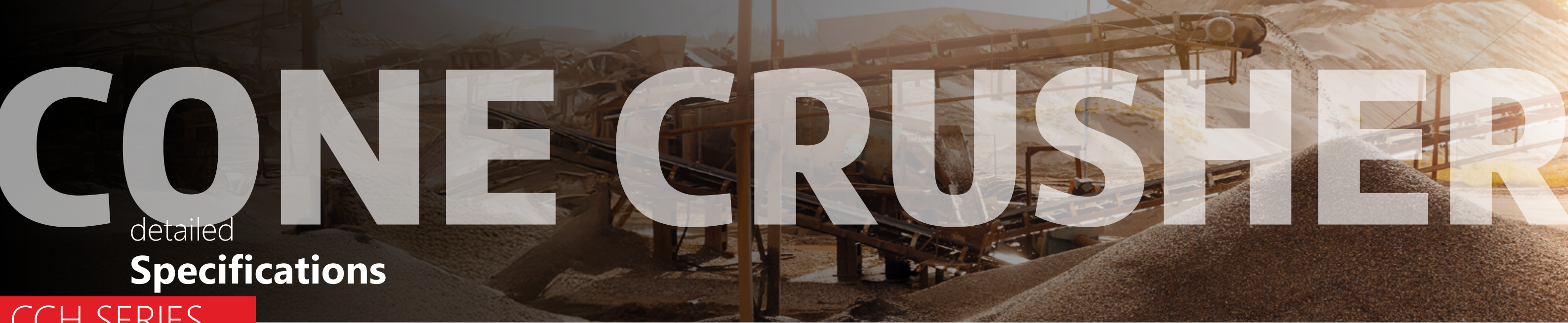


Top



CCHS Max Feed Size
460mm





CONE CRUSHER

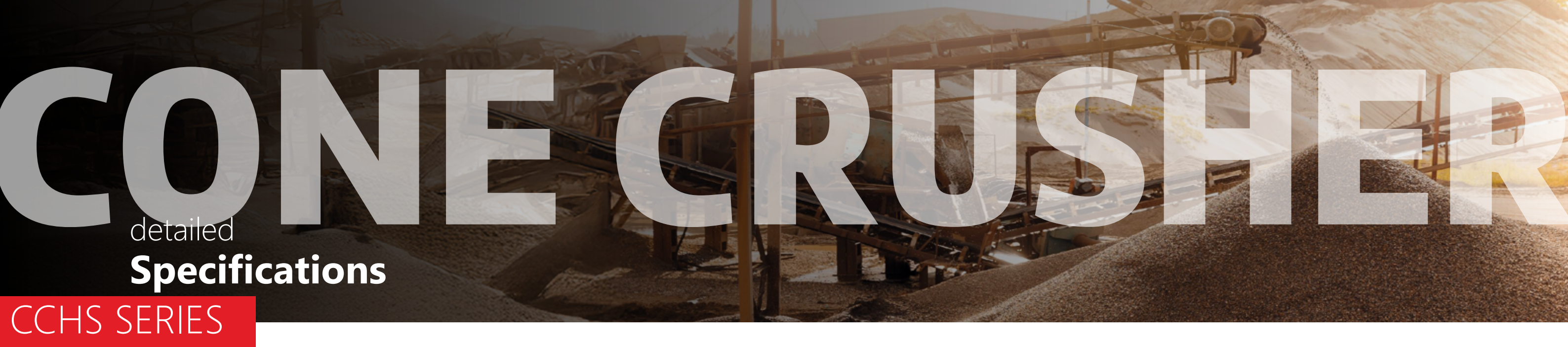
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Specifications

CCH SERIES

CCH Series Technical Parameters

Model		Motor Power(kW)	Max Feed Size(mm)	Capacity(T/H)													
C.S.S (mm)				8	10	13	16	19	22	25	32	38	44	51	57	64	70
CCH3000	EC	160	185					82-163	88-173	93-184	106-210	117-230					
	C		145				73-144	78-154	83-164	88-175	100-199						
	MC		115			64-142	69-153	72-164	79-175	84-186	95-210						
	M		90			69-131	75-142	80-152	86-162	91-172							
	MF		75		67-108	72-117	78-126	83-128	89-136								
	F		50	53-85	56-90	61-98	65-105	70-107	74-113								
	EF		35	65-85T/H,80%≤6mm													
C.S.S (mm)				8	10	13	16	19	22	25	32	38	44	51	57	64	70
CCH4000	EC	250	215						133-296	141-315	161-359	177-397	192-420				
	C		175					119-294	127-314	135-334	153-380	169-410					
	MC		140				107-264	115-284	122-303	130-322	146-360						
	M		110			117-187	126-278	136-298	145-318	154-339	175-370						
	MF		85			126-229	136-247	146-266	155-283	165-301	186-340						
	F		70		98-178	106-193	114-208	122-223	131-238	139-253							
	EF		38	90-120T/H,80%≤8mm													
C.S.S (mm)				8	10	13	16	19	22	25	32	38	44	51	57	64	70
CCH5000	EC	315	275						205-438	218-466	248-549	274-607	300-664				
	CX		245					187-374	200-488	212-519	242-592	268-654	293-700				
	C		215					186-369	198-482	211-512	240-584	265-645	288-690				
	MC		175					176-428	188-457	200-486	228-554	249-595					
	M		135				197-295	211-440	226-470	240-500	274-560						
	MF		115				209-371	224-398	239-425	254-452	287-500						
	F		85			197-306	212-330	227-354	243-378	258-402	292-450						
	EF		65			213-295	229-318	244-335	261-350								
C.S.S (mm)				8	10	13	16	19	22	25	32	38	44	51	57	64	70
CCH6800	EC	400	290							275-580	311-685	343-760	375-830	411-900			
	CX		260						245-595	260-635	295-720	325-790	355-850				
	C		225						242-590	258-627	294-715	325-780	352-845				
	MC		180					216-524	230-560	245-595	279-875	325-780	352-845				
	M		135					258-539	276-575	294-610	330-680	365-725					
	MF		110				256-450	270-485	292-520	311-553	352-610	390-670					
	F		80			242-370	260-400	278-430	298-460	316-490	358-550						
	EF		65			260-350	280-385	299-410	320-425	339-460							
C.S.S (mm)				8	10	13	16	19	22	25	32	38	44	51	57	64	70
CCH8000	EC	560	300							479-851	546-970	603-1072	660-1174	727-1293	782-1395	851-1514	906-1610
	C		240						435-638	463-895	527-1020	583-1127	638-1234	702-1359	756-1466	820-1585	
	MC		195					382-442	408-725	435-839	494-956	544-1057	596-1157	657-1274	708-1373	769-1470	
	M		155					400-563	428-786	455-836	519-953	573-1054	628-1154	692-1271	746-1372		
	MF		100				379-426	407-718	734-767	462-816	527-930	582-1020	638-1100				
	F		90			357-397	385-658	414-706	442-754	470-802	535-914	592-1025	649-1120				
	EF		80		280-407	304-519	328-560	352-600	376-641	400-682	455-777	503-850	551-920				
C.S.S (mm)				8	10	13	16	19	22	25	32	38	44	51	57	64	70
CCH9000	EC	800	370								449-1309	496-1446	543-1584	598-1745	646-1883	701-2043	748-2175
	C		330							422-774	482-1404	532-1552	583-1700	642-1873	693-2020	752-2193	803-2340
	MC		300						365-852	389-1232	443-1404	490-1552	536-1700	591-1873	637-2020	692-2180	803-2320
	M		230					287-670	307-951	326-1106	372-1261	411-1394	450-1526	496-1681	535-1814	580-1950	
	MF		160					237-690	253-921	269-980	306-1117	339-1235	371-1352	409-1490	441-1607	478-1740	
	F		120				268-669	287-838	307-895	326-952	372-1085	411-1165	450-1051	496-1150	535-1240		
	EFX		100				228-666	245-715	262-763	278-812	317-926	351-994	384-1065				
	EF		85			201-585	216-631	232-678	248-724	264-770	301-878	333-970	364-1063				
	EEF		75			193-564	209-608	224-653	239-697	254-742	290-846	321-936	351-1025				

Cavity Description: EC=Extra Coarse, CX= Coarse Xtra, C= Coarse, MC=Medium, MF=Medium Fine, F=Fine, EF = Extremely Fine, EEF=Extremely Extremely Fine



CONECRUSHER

detailed
Specifications

CCHS SERIES

CCHS Series Technical Parameters

Model		Motor Power (kW)	Max Feed Size (mm)	Capacity(t/h)																
C.S.S. (mm)				25	29	32	35	38	41	44	48	51	54	57	60	64	70	76	83	90
CCHS3000	EC	160	300						192-292	200-304	210-318	218-330								
	CX		300			169-257	176-269	184-281	192-292	200-304	210-318									
	C		255		182-277	191-290	199-304	208-313	219-330	228-345										
	MC		200	137-209	147-224	154-235	161-245	168-256	175-267	183-279										
C.S.S. (mm)				25	29	32	35	38	41	44	48	51	54	57	60	64	70	76	83	90
CCHS4000	EC	250	370								325-495	337-510	350-529	362-550						
	CX		370					285-434	297-452	309-470	325-495	337-510								
	C		340				304-463	317-483	331-503	344-520	365-550									
	MC		255			257-391	269-409	281-427	292-445	304-460										
C.S.S. (mm)				25	29	32	35	38	41	44	48	51	54	57	60	64	70	76	83	90
CCHS5000	EC	315	450						345-514	359-593	378-624	392-647	406-670	420-693	433-716	452-746	480-792	508-835		
	C		420					350-464	364-602	379-626	399-658	413-683	428-707	443-731	458-755	477-785	509-835			
C.S.S. (mm)				25	29	32	35	38	41	44	48	51	54	57	60	64	70	76	83	90
CCHS6800	EC	400	460												715-970	790-1070	880-1195	960-1285	1050-1390	1120-1470
	C		430								600-800	655-880	700-950	725-980	770-1045	850-1150	950-1275	1030-1380		
	MC		400						450-600	510-680	585-780	640-860	685-930	710-960	750-1020	825-1120				
C.S.S. (mm)				25	29	32	35	38	41	44	48	51	54	57	60	64	70	76	83	90
CCHS8000	EC	560	460												930-1435	970-1500	1030-1580	1090-1690	1180-1830	1295-2000
	C		430							800-1240	850-1320	880-1360	920-1430	950-1470	980-1510	1020-1580	1080-1660	1150-1780		

Note: The production capacity table can be used as a tool for the initial modeling of CCH series single hydraulic cone crusher, the data in the table is for the average specific gravity of 2.7t/m³.

CONE CRUSHER

detailed
Specifications

CCS SERIES

The **CCS Series Spring Cone Crusher** is simple, reliable and easy to maintain. Built on lamination crushing and multi-break principles, the CCS combines high swing frequency, optimised cavity design, and efficient stroke for reliable, cost-effective performance. It's robust design makes it a trusted alternative to traditional cone crushers worldwide.



Features

- **High Production Efficiency:** Large stroke and high speed boost throughput and reduction ratio.
- **Low Operating Costs:** Optimised design minimises wear and part consumption.
- **Reliable Lubrication:** The efficient lubrication system extends equipment life and enhances reliability.
- **Flexible Cavity Options:** Quick cavity changes for varied output sizes.
- **Ease of Maintenance:** Top/side access allows fast liner replacement without dismantling the main frame.

CCS Technical Parameters

Model	CCS185	CCS220	CCG240	CCG280	CCS355	CCS450
Closed Side Setting (mm)	13-45	6-50	7-70	9-70	9-75	10-80
Motor Power (kw)	185	220	240	280	355	450
Overall Dimensions (mm)	2730x2190x2550	2858x2390x2930	3150x2790x3110	3570x3460x3550	3800x2922x3447	4900x3650x4140

Max Feed Size (mm)						
Model	CCS185	CCS220	CCG240	CCG280	CCS355	CCS450
T	200	230	260	280	320	360
B	180	210	220	230	250	310
Z	145	160	160	170	195	220
X	100	120	120	125	155	180
DT	95	110	120	120	130	160
D	80	90	90	100	100	130
DZ	45	45	60	70	70	90
DX	30	30	40	50	50	60

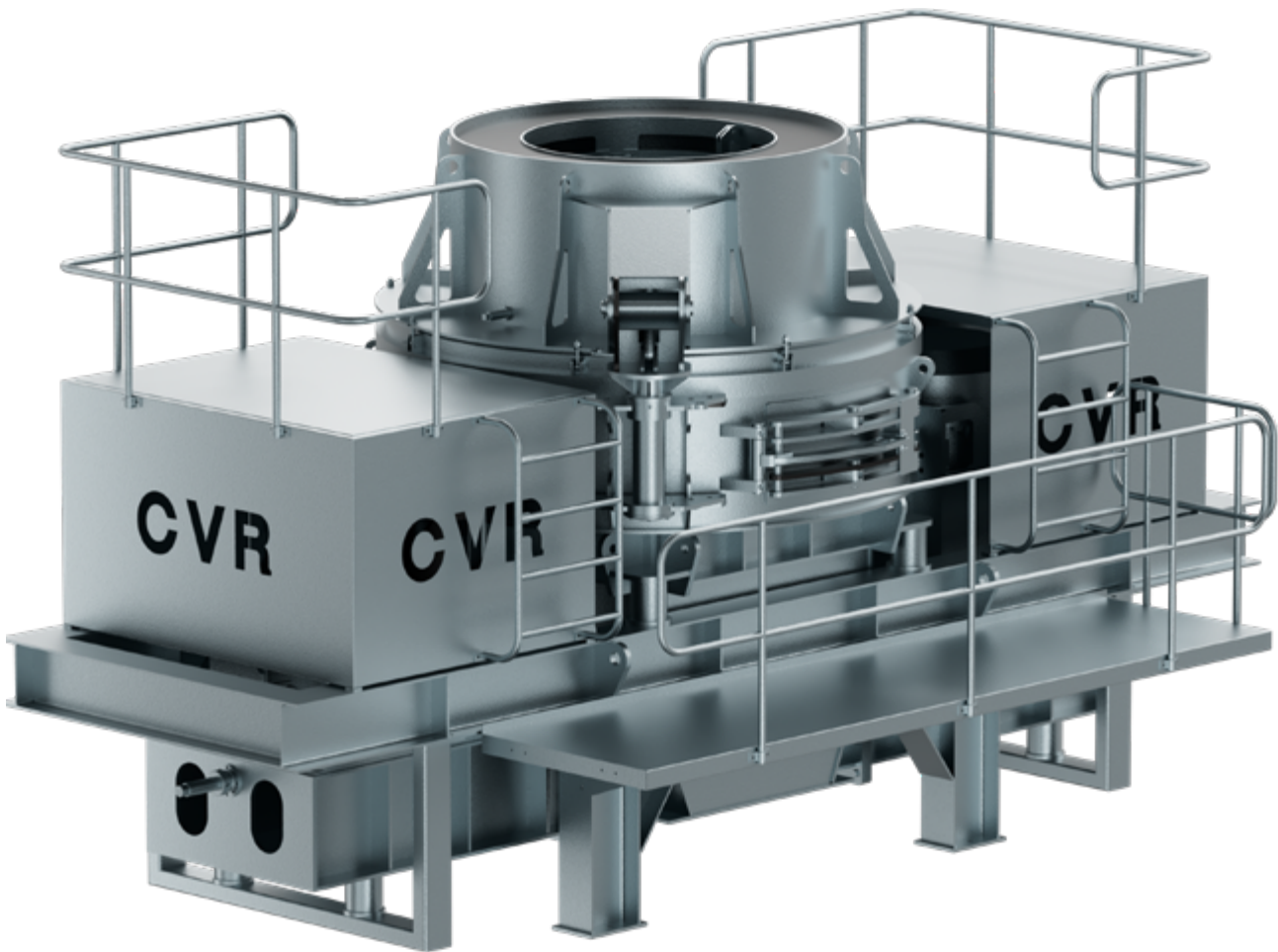
Capacity (tph)												
C.S.S (mm)	8	12	15	20	25	30	35	40	45			
CCS185	85-105	110-135	135-148	175-200	210-233	235-254	271-296	310-344	350-370			
C.S.S (mm)	8	12	15	20	25	30	35	40	50			
CCS220	105-120	140-165	160-190	190-225	250-280	295-320	330-355	373-413	425-455			
C.S.S (mm)	8	10	15	20	25	30	35	40	45	50	60	70
CCG240	108-128	130-150	150-180	215-255	270-295	315-330	320-345	345-365	375-395	400-445	470-500	520-560
C.S.S (mm)	9	12	15	20	25	32	38	42	50	60	70	
CCG280	130-160	200-230	230-245	280-310	320-335	370-380	360-400	400-435	450-480	500-560	580-650	
C.S.S (mm)	10	15	20	25	30	35	40	45	50	65	75	
CCS355	185-200	273-300	323-351	375-400	446-488	520-551	555-588	595-635	615-658	788-825	877-988	
C.S.S (mm)	10	15	20	25	30	35	40	45	50	65	80	
CCS450	310-330	370-420	480-520	575-605	630-677	718-766	840-885	900-933	955-1010	1190-1240	1385-1510	

IMPACT CRUSHER

detailed
Specifications

CV SERIES

The **CV Series Vertical Shaft Impact Crusher** features a specialised rotor design, wear-resistant materials in the crushing cavity, optimised speed, and an advanced hydraulic system. The CV is extensively used in highways, railways, civil construction, hydropower projects, and concrete mixing, making it the preferred equipment for producing high-quality manufactured sand and in aggregate shaping.



Crushing Efficiency Improvement
20%

Longer Life Span
30%

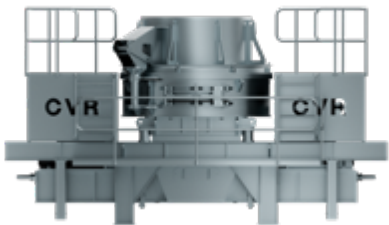
CV Series Vertical Shaft Impact Crusher

Model	CV260	CV320	CV400	CV500	CV630
Max Feed Size (mm)	40	40	40	40	40
Rotor Speed (rpm)	1450-1650	1450-1650	1450-1650	1450-1650	1426-1430
Motor Power (kW)	264	320	400	500	630
Throughput (t/h)	150-220 (0-5mm, 20-50%)	200-330 (0-5mm, 20-50%)	300-400 (0-5mm, 20-50%)	420-500 (0-5mm, 20-50%)	500-630 (0-5mm, 20-50%)
Overall Dimensions (LWH) (mm)	6000x2992x3398	6000x2992x3398	6000x2992x3398	6000x2992x3398	6000x2992x3398

- The particle size distribution of finished products is related to the hardness, size and composition of raw materials.
- Throughput % numbers are the percentage of yield.

Applications

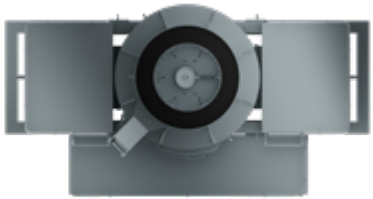
- **Sand Making and Aggregate Shaping:** Ideal for processing pebbles, limestone, granite, basalt, diabase, and other rocks to produce aggregate chips and sand.
- **Construction Aggregates:** Suitable for road pavement, bedding materials, asphalt, concrete, and cement aggregates.
- **Manufactured Sand:** Used for shaping aggregates in water conservation projects, highways, high-speed railways, bridges, airports, and high-rise buildings.
- **Pre-Grinding Crushing:** Performs preliminary fine crushing before grinding in mining, and material reduction in industries including construction materials, metallurgy, chemicals, mining, and refractory materials.
- **High-Purity Material Production:** Effective for producing glass, quartz sand, and other high-purity materials.



Front



Side



Top

IMPACT CRUSHER

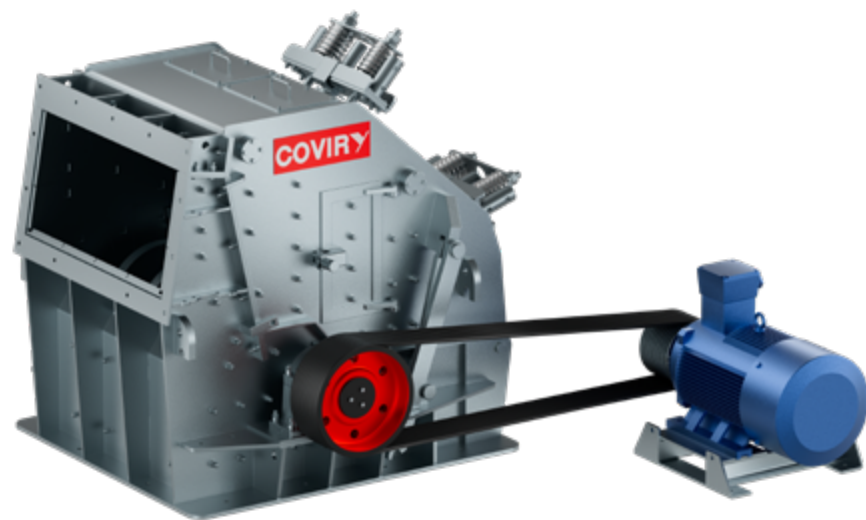
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Specifications

CF SERIES

The **CF Series Impact Crusher** is a newly developed crusher designed to meet market demands. With a large feed opening, it can crush a wide range of coarse, medium, and fine materials such as granite, limestone or concrete with compressive strengths up to 350 MPa. the CF is ideal for applications in rail and highway construction and infrastructure projects. Key features include a high reduction ratio, efficient crushing, production of high-quality cubical-shaped output with minimal cracks.

Increase in Crushing Ratio

15%



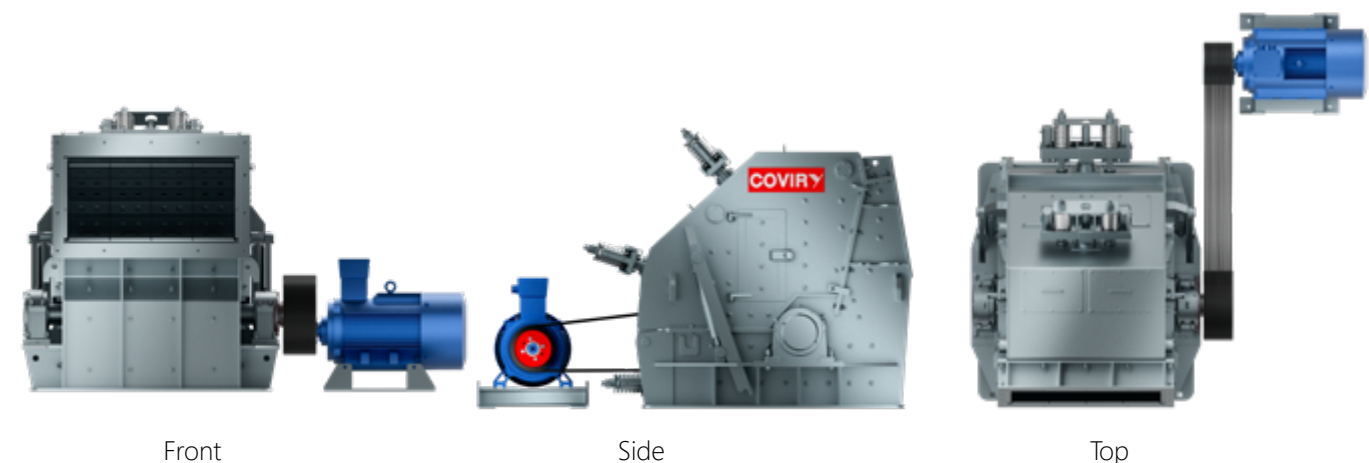
Features

- **Large Feed Opening & High Crushing Cavity:** Handles hard and large-sized materials efficiently.
- **Durable Blow Bars:** High-chromium blow bars provide excellent impact and wear resistance.
- **Finished Product Shape:** When processing rock with high compressive strengths, the CF Series produces a finished product with a consistent grain shape and a low needle flake rate.
- **Robust Construction:** Compact design with a rotor featuring high inertia.
- **Adjustable Settings:** Gap between breaker plates and blow bars can be adjusted to control product size and shape.
- **Versatile Applications:** Suitable for both crushing and shaping processes across various industries.
- **Ease of Maintenance**

CF Series Technical Parameters

Model	CF1010	CF1210	CF1214	CF1315	CF1620	CF1624	CF2025	CF1315Q	CF1620Q
Feed Opening Dimensions (mm)	1080x530	1030x800	1440x520	1522x827	2030x950	2430x970	2536x1054	1522x950	2430x790
Max Feed Size (mm) (<150MPa)	350	300	300	550	600	600	800	600	600
Max Feed Size (mm) (<250MPa)	200	200	200	350	400	400	500	400	400
Rotor Diameter (mm)	Ø1000	Ø1000	Ø1250	Ø1300	Ø1640	Ø1640	Ø2050	Ø1300	Ø1640
Motor Power (kW)	110	132	132/160	220/280	280x2 / 315x2	355x2	630x2	250	355x2
Capacity (t/h)	60-150	70-170	90-180	150-300	300-550	380-820	800-1800	250-300	380-820
Overall Dimensions (LxWxH)	2664 x 1996 x 2138	2846 x 2238 x 2032	2630 x 2379 x 2886	3012 x 2679 x 2582	3514 x 3608 x 4238	3514 x 4008 x 4238	4478 x 4446 x 4778	3260 x 2679 x 2810	3420 x 2050 x 5010

The **CF1315Q and CF1620Q Impact Crusher** are high-performance machine and features a unique structural design with an extended crushing chamber and a three-stage crushing zone, enhancing both crushing efficiency and production capacity.



Superior Finished Product Shape

ROLLER CRUSHER

detailed Specifications

CPGY SERIES

The **CPGY Series Crusher** features a dual-roller design with gear-driven rollers that rotate in opposite directions, enabling bidirectional compressive crushing of materials.

Equipped with internal dust-proof plates and noise reduction devices, the crusher significantly minimises dust emissions and noise pollution, maintaining operating noise levels below industry standards.

The discharge particle size is easily adjustable by varying the roller gap, allowing precise control over output granularity. This flexibility supports a wide range of applications—from coarse sand to fine powder production.



Processing Efficiency Improvement

20-30%

Features

- **Compact and efficient:** Small footprint, flexible installation, and reduced energy consumption.
- **High crushing performance:** Operates under high-pressure mode to deliver a high pulverisation ratio in a single pass, greatly improving productivity.
- **Low emissions, quiet operation:** Proprietary seal design effectively limits dust emissions while maintaining low-noise performance, in line with green production standards.
- **Versatile use:** Capable of both medium and fine crushing or sand making, meeting a wide range of industrial requirements.

CPGY Series Technical Parameters

Parameter	CPGY10060	CPGY12060	CPGY13080
Feed Size (mm)	< 40	< 50	< 50
Discharge Size (mm)	< 5	< 5	< 5
Roll Diameter (mm)	1000	1200	1300
Roll Length (mm)	600	600	800
Capacity (t/h)	140-160	210-250	300-350
Rotating Speed (r/min)	45	45	45
Rated Power (kW)	160	250	355

Power-to-throughput ratio

1kWh/t



ROD MILL

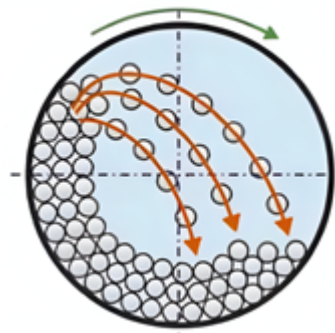
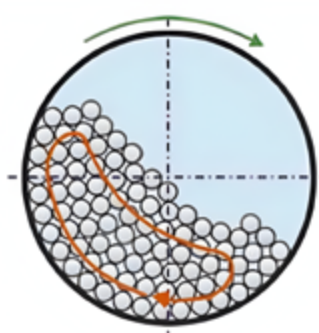
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Specifications

GMB SERIES

The **GMB Series Rod Mill Sand Making Machine**, also known as the rod grinding machine, is a high-quality sand-making solution commonly used for processing materials including feldspar, quartz, river pebbles, and granite. The machine is widely applied in sand and stone production, with its rotating cylinder grinding raw materials through impact. As the cylinder rotates, the grinding rods rise under friction and centrifugal force, then fall to crush the material, achieving efficient sand production.

Features

- **Wet Sand Process for Environmental Compliance:** The wet grinding process reduces dust emissions and meets environmental standards.
- **Efficient Material Processing:** The equipment's compact and efficient design results from the dual-end feed and central discharge. These design features also help to prevent over-crushing of the product.
- **High Capacity and Uniform Output:** Ensures consistent particle size and good grading continuity with a large processing capacity.
- **Powerful and Efficient Drive System:** Equipped with a synchronous motor and air clutch combination, optimising power usage.
- **Reduced Power Consumption:** Designed to minimise impact on the power grid while maximising sand production, ensuring efficient energy use.

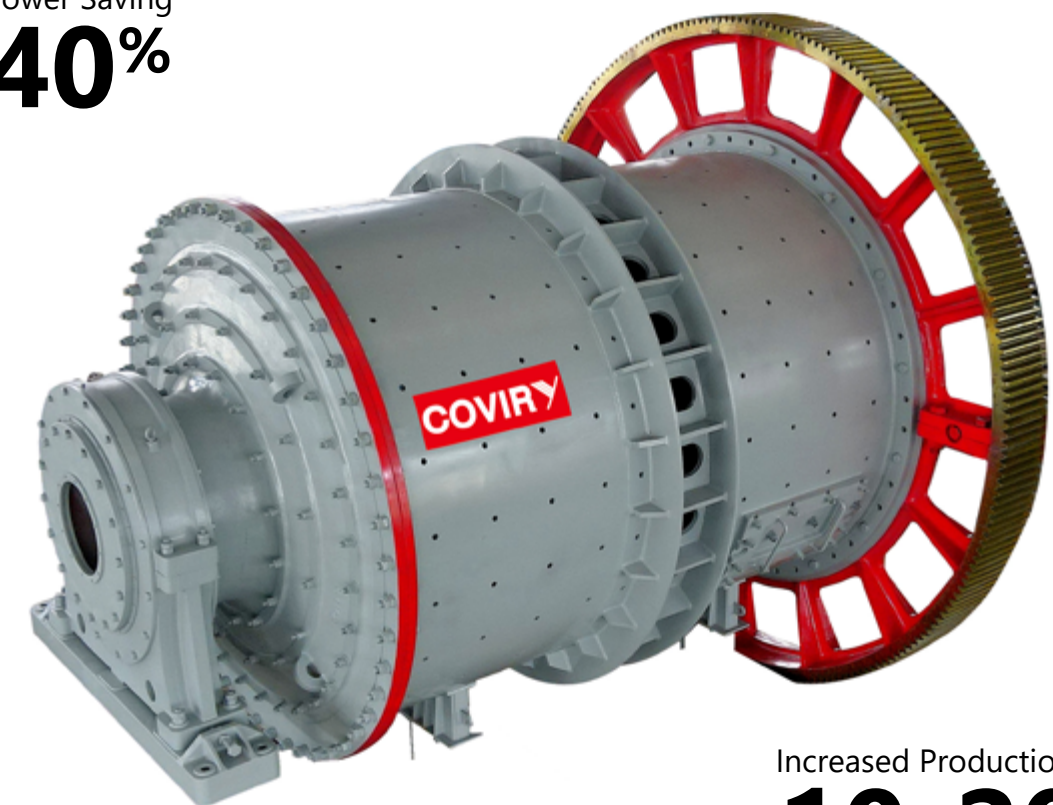


GMB Technical Parameters

Model	Cylinder Diameter (mm)	Cylinder Length (mm)	Rotating Speed (rpm)	Feed Size (mm)	Discharge Size (mm)	Capacity (t/h)	Rotated Power (kW)
GMB2436	2400	3600	19	≤15	≤5	40-80	280
GMB2736	2700	3600	17.5	≤15	≤5	100-220	400
GMB2740	2700	4000	17.5	≤15	≤5	120-250	400
GMB3245	3200	4500	16	≤15	≤5	300-450	630
GMB3645	3600	4500	15	≤15	≤5	430-580	800

Power Saving

40%



Increased Production Capacity

10-20%

BALL MILL

detailed
Specifications

GM/GZM SERIES

The **GM** and **GZM** series ball mills are advanced roller bearing grinding machines, engineered for high-efficiency wet milling applications. Available in two configurations—**grid type** and **overflow type**—these mills are ideal for operations in cement production, refractory materials manufacturing, chemical fertiliser processing, and mineral separation plants.

Both series are designed for wet-process grinding, capable of handling a wide range of ores and other abrasive materials to produce finely ground powders for downstream processing.

- **GM Series:** Features a straight cylindrical design, optimised for general-purpose grinding where consistent throughput is required.
- **GZM Series:** Utilises a conical design, offering improved material flow and discharge characteristics, particularly suited for finer grinding stages.

GM Technical Parameters

Model	Cylinder Diameter (mm)	Cylinder Length (mm)	Speed of Cylinder (r/min)	Weight with Grinding Media (t)	Output (t/h)	Motor Power (kW)	Dimension (mm) L x W x H
GM1224	Ø1200	2400	34.8	4.8	1.5–3.7	37	5865×2516×1945
GM1228	Ø1200	2800	34.8	5.2	1.6–4	45	6265×2516×1945
GM1232	Ø1200	3200	34.8	5.5	1.8–4.2	55	6665×2516×1945
GM(Y)1530	Ø1500	3000	27.6	10.4	3.3–8.8	80	6750×2765×2030
GM(Y)1535	Ø1500	3500	27.6	11	3.5–9.5	95	7250×2765×2030
GM(Y)1540	Ø1500	4000	27.6	11.5	3.5–9.5	95	7750×2765×2030
GM1830	Ø1830	3000	25.8	13	3–21	110	7426×2900×3328
GM(Y)1842	Ø1830	4200	25.8	18	3.5–29	180	8826×2900×3328
GM(Y)2130	Ø2100	3000	24.6	18	6–33	180	7715×4137×2610
GM(Y)2140	Ø2100	4000	24.6	22	5–35	210	9100×4137×2610
GM(Y)2445	Ø2400	4500	22.6	24	15–60	320	10420×4955×3420
GM(Y)2736	Ø2700	3600	21.8	36	14–110	400	9950×6150×4100

Feed Size: 0-20mm
Exit Size: 0.074-0.3mm

GZM Technical Parameters

Model	Cylinder Diameter (mm)	Cylinder Length (mm)	Speed of Cylinder (r/min)	Weight with Grinding Media (t)	Output (t/h)	Motor Power (kW)	Dimension (mm) L x W x H
GZM(Y)1535	Ø1500/Ø1200	3000/500	27.6	10.5	3.3–8.8	80	6750×2765×2030
GZM(Y)1540	Ø1500/Ø1200	3500/500	27.6	10.8	3.3–9.2	95	7250×2765×2030
GZM(Y)1545	Ø1500/Ø1200	4000/500	27.6	11	3.5–9.5	95	7750×2765×2030
GZMY1557	Ø1500/Ø1200	5200/500	27.6	13	4–12	110	9320×2765×2030
GZM(Y)1565	Ø1500/Ø1200	6000/500	27.6	14	4.5–14	130	11860×2765×2030
GZM(Y)1842	Ø1830/Ø1515	3700/500	25.8	18	3.5–29	180	8326×2900×3328
GZMY1856	Ø1830/Ø1515	5100/500	25.8	19	3.8–30	210	9726×2900×3328
GZMY1865	Ø1830/Ø1515	6000/500	25.8	20	3.8–32	210	10626×2900×3328
GZM(Y)2135	Ø2100/Ø1860	3000/500	24.6	20	4.5–33	180	7715×4137×2610
GZM(Y)2140	Ø2100/Ø1860	3000/500	24.6	20	4.5–33	210	7715×4137×2610
GZM(Y)2145	Ø2100/Ø1860	4000/500	24.6	22	5–35	245	9100×4337×2610
GZM2156	Ø2100/Ø1860	5100/500	24.6	28	5–35	320	10780×4736×2610
GZMY2742	Ø2700/Ø2287	3580/520	24.6	41	15–117	400	9950×6150×4100

Feed Size: 0-20mm
Exit Size: 0.074-0.3mm
(Y): Denotes that the model has two configuration options, grid and overflow



VIBRATING FEEDER

detailed Specifications

CFW SERIES

The **CFW Series Vibrating Feeder** is designed for the continuous and even transport of materials from a silo or hopper to receiving equipment, making it ideal for feeding crushing plants. The optional integrated grizzly also performs a pre-scalping function, which is especially useful in industries such as metallurgy, construction materials, chemicals, coal mining, beneficiation and abrasives.

Working Principle

The CFW vibrating feeder is mounted on spring supports. As the main shaft, powered by an electric motor, rotates with an eccentric mass, the feeder box moves in a circular path, causing the materials inside to be tossed and propelled forward. This results in continuous material transport. The feeder's flexible structure of both the box and motor mounts ensures that the distance between the motor pulley and vibrator pulley self-adjusts during operation, achieving a self-centering effect.

The standard model features a steel plate structure, but a grizzly design is available upon request. Please specify the grid spacing if a grate configuration is needed.

Features

- **Grizzly Option for Pre-Scalping:** Enhances throughput and extends versatility for various applications.
- **Simple and Durable Design:** Ensures easy maintenance and reliability.
- **Adjustable Speed:** Equipped with a frequency converter to control feed rate and variable vibrating frequency.
- **Customizable Amplitude:** Eccentric weight on the pulley and flywheel to suit different operational conditions.
- **Efficient Lubrication System:** Lithium-based grease reduces bearing temperature and noise, with centrally located grease nipples for optimal lubrication.

CFW Series Technical Parameters

Model	Specification (mm)	Max Feed Size (mm)	Capacity (t/h)	Vibration Frequency (rpm)	Amplitude (mm)	Motor Power (kW)	Installation Angle (deg)	Overall Dimensions (mm)
CFW1220	1200x2000	800	360-500	855	7-9	11	0-18 °	2106x1976x870
CFW1520	1500x2000	1000	480-780	855	7-9	15	0-18 °	2106x2276x870
CFW1830	1800x3000	1200	600-980	855	7-9	18.5	0-18 °	3106x2576x870
CFW0940	900x4000	600	110-220	835	7-9	18.5	0-18 °	4148x1620x1160
CFW1150	1060x5000	750	230-340	835	7-9	22	0-18 °	5172x1780x1270
CFW1360	1300x6000	950	400-540	835	7-9	30	0-18 °	6172x2020x1270
CFW1570	1500x7000	1200	480-780	880	7-9	37	0-18 °	7183x2220x1450
CFW1870	1800x7000	1200	530-1000	880	7-9	55	0-18 °	7183x2520x1450
CFW2070	2000x7000	1300	600-1200	880	7-9	75	0-18 °	7183x2720x1450



VIBRATING FEEDER

detailed Specifications

CFZ SERIES

The **CFZ Series Linear Vibrating Feeder** features a dual eccentric shaft vibrator for high capacity and efficient material transport. It ensures smooth, continuous feeding from the silo to receiving equipment, preventing blockages and extending the equipment's lifespan. The feeder is available in two configurations: a solid plate for uniform material transport to crushers and a grizzly option for pre-scaling fines, making it a cost-effective choice in plant flowsheets. This feeder is an essential component in crushing and screening plants, commonly used in industries such as metallurgy, construction materials, chemicals, coal mining, beneficiation and abrasives.

Working Principle

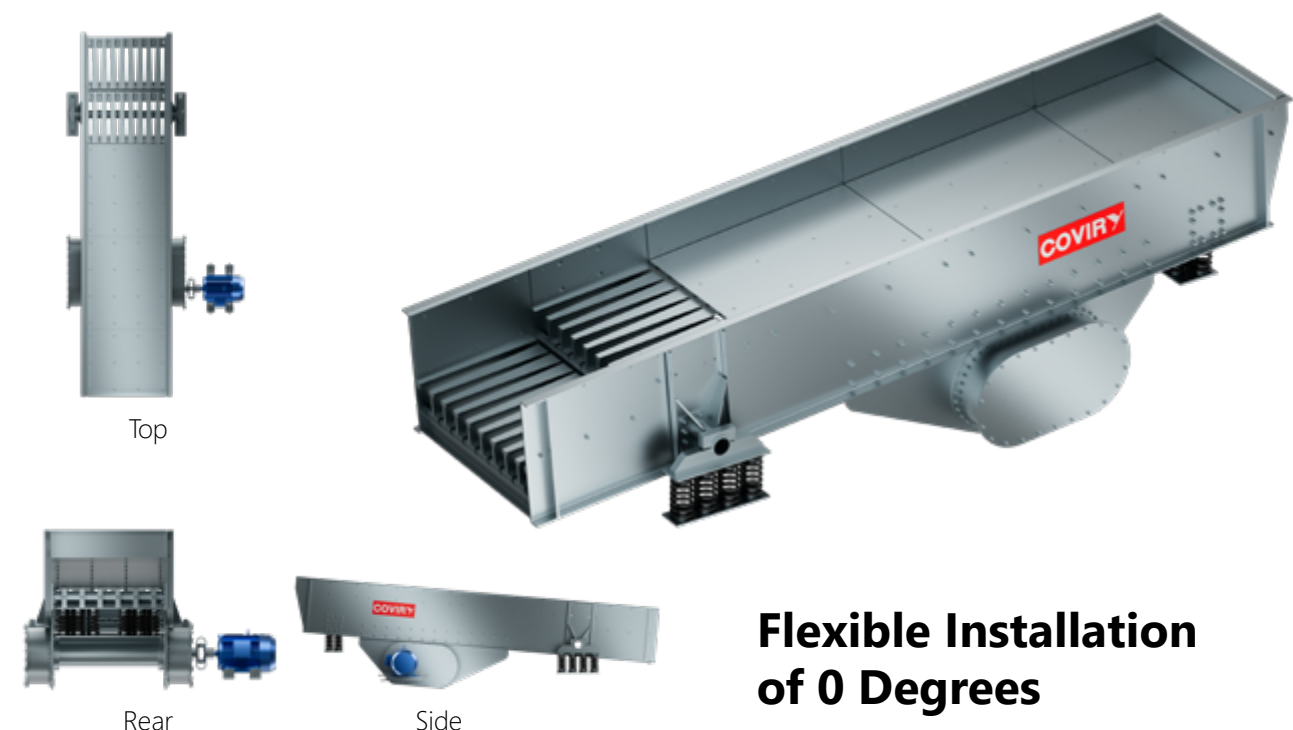
The CFZ linear feeder consists of a feed box, vibrator, spring mounts, and transmission system. The vibrator includes two eccentric shafts (a driving and a driven shaft) connected by gears. The electric motor drives the primary shaft via V-belts, which in turn engages the driven shaft. As both shafts rotate in opposite directions, the feed box vibrates, causing the material to move forward, ensuring continuous material flow.

Features

- **Linear Motion:** Provides stable vibration, easy installation, and high capacity.
- **Flexible Installation:** Can be installed horizontally in challenging plant layouts.
- **Optimised Grizzly Design:** Prevents material clogging and allows for easy replacement.
- **Adjustable Grizzly Spacing:** Customisable to suit varying operational conditions.
- **Efficient and Durable:** Low noise, reduced power consumption, long service life, easy maintenance, and a compact, lightweight design.

CFZ Series Technical Parameters

Model	Feeder Box Dimensions (mm)	Max Feed Size (mm)	Capacity (t/h)	Vibration Frequency (rpm)	Amplitude (mm)	Installation Angle (°)	Motor Power (kW)	Overall Dimensions (mm)
CFZ0940	960x4000	≤500	130-240	550-970	8-10	0	18.5	4110x1548x1320
CFZ1150	1100x5000	≤650	250-350	550-970	8-10	0	22	5110x1701x1382
CFZ1380	1350x6000	≤750	420-560	550-980	8-10	0-5	30	6110x1901x1580
CFZ1660	1620x6000	≤1000	530-800	550-980	8-10	0-5	37	6170x2309x1765
CFZ1860	1820x6000	≤1200	550-1300	550-980	8-10	0-5	45	6170x2509x1765
CFZ2060	2020x6000	≤1300	850-1500	550-980	8-10	0-5	55	6170x2709x1765



**Flexible Installation
of 0 Degrees**

VIBRATING SCREEN

detailed Specifications

CSY SERIES

The **CSY Series Vibrating Screen** is a high capacity and ultra-durable vibrating screen for the efficient screening of ore. It consists of a main frame, screen mesh, vibrator, damping mechanism, and underframe. The side plates are constructed from high-quality steel, with the side plates, cross beams, and vibrator housing securely connected using high-strength bolts or huckbolts.

Features

- **Powerful Eccentric Force:** Internal weights deliver powerful vibration for efficient screening.
- **Robust, Weld-Free Design:** Huckbolted construction enhances durability and structural integrity.
- **Easy Maintenance:** Simple design ensures reliable, low-maintenance operation.
- **Lubrication:** Available in both Grease and Oil Lubrication configurations



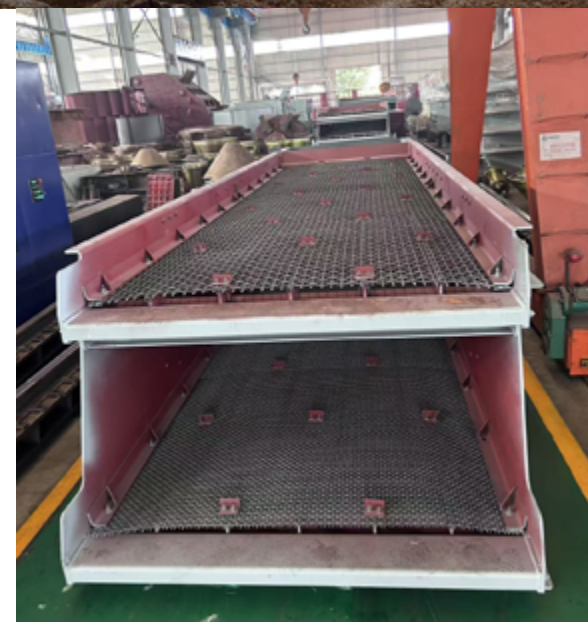
Top



Side



Front



CSY Series Technical Parameters

Model	Width (mm)	Length (mm)	Single Deck Area (m ²)	Max Feed Size (mm)	Aperture Size (mm)	Capacity (t/h)	Motor Power (kw)	Installation Angle (°)	Overall Dimensions (mm)
CSY1550-2	1500	5000	7.5	≤200	5-30 / 40-80	50-190 / 250-500	11	18	5626x2350x1100
CSY1550-3	1500	5000	7.5	≤200	5-30 / 40-80	50-190 / 250-500	15.5	18	5796x2350x1630
CSY1860-2	1800	6000	10.8	≤200	5-30 / 40-80	75-290 / 380-760	18.5	20	6855x2652x1320
CSY1860-3	1800	6000	10.8	≤200	5-30 / 40-80	75-290 / 380-760	22	20	7060x2652x1884
CSY2060-2	2000	6000	12	≤200	5-30 / 40-80	85-320 / 420-840	18.5	20	6855x2852x1320
CSY2060-3	2000	6000	12	≤200	5-30 / 40-80	85-320 / 420-840	22	20	7060x2852x1884
CSY2270-2	2200	7000	15.4	≤200	5-30 / 40-80	95-350 / 465-930	22	20	7726x3016x1350
CSY2270-3	2200	7000	15.4	≤200	5-30 / 40-80	95-350 / 465-930	30	20	7921x3016x1884
CSY2570-2	2500	7000	17.5	≤300	5-30 / 40-80	100-385 / 510-1020	30	20	8092x3473x1540
CSY2570-3	2500	7000	17.5	≤300	5-30 / 40-80	100-385 / 510-1020	37	20	8299x3488x2110
CSY3075-2	3000	7500	22.5	≤300	5-30 / 40-80	130-480 / 640-1280	30x2	20	8889x4114x1880
CSY3075-3	3000	7500	22.5	≤300	5-30 / 40-80	130-480 / 640-1280	37x2	20	9114x4114x2500
CSY3675-2	3600	7500	27	≤300	5-30 / 40-80	160-600 / 800-1600	37x2	20	8724x4764x1950
CSY3675-3	3600	7500	27	≤300	5-30 / 40-80	160-600 / 800-1600	45x2	20	8877x4764x2520
CSY3380-2	3300	8000	26.4	≤300	5-30 / 40-80	160-600 / 800-1600	30x2	21	9417x4236x1920
CSY3380-3	3300	8000	26.4	≤300	5-30 / 40-80	160-600 / 800-1600	37x2	21	9648x4243x2520

Amplitude: 7-10 mm
Vibration Frequency: 800 rpm

VIBRATING SCREEN

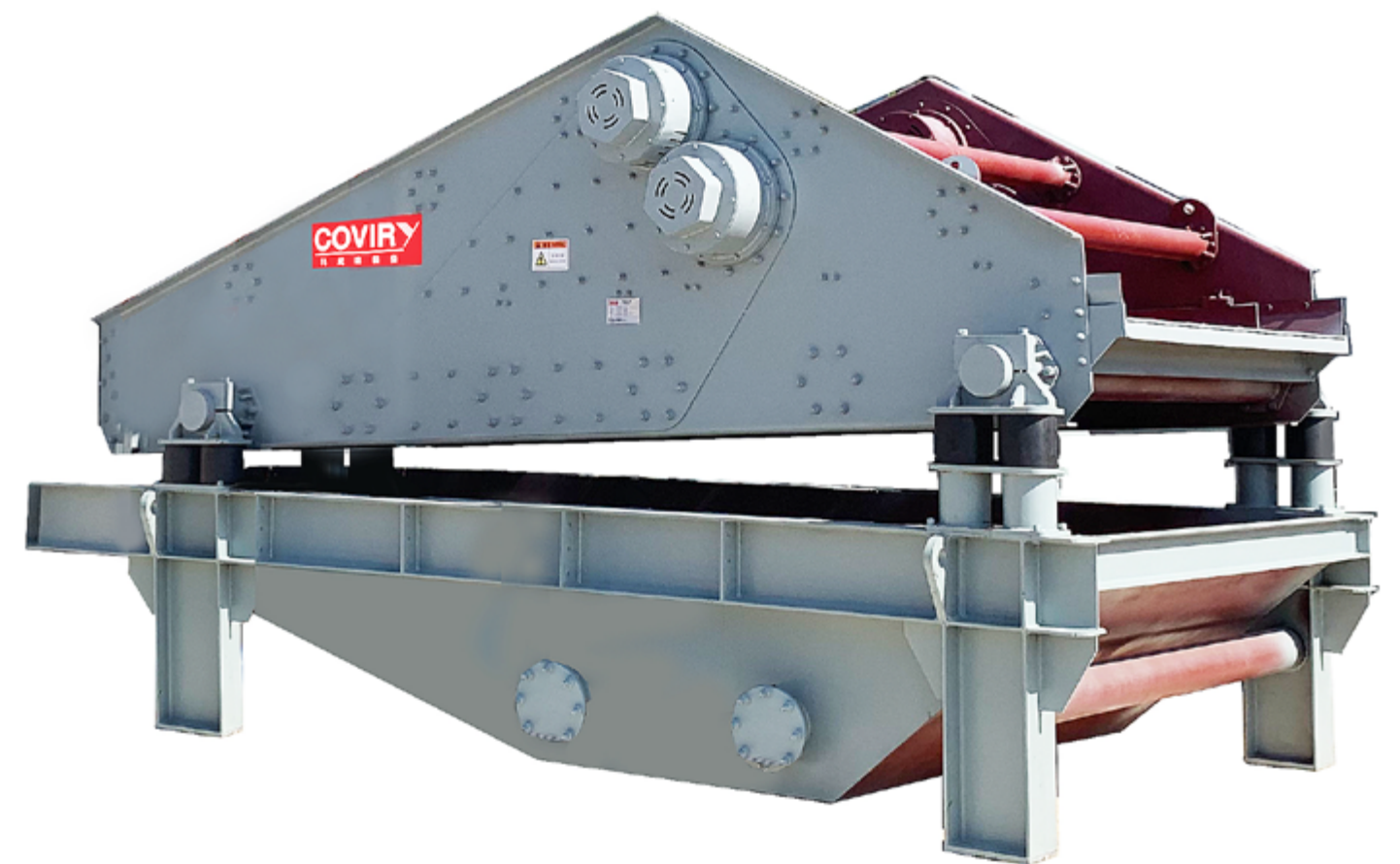
detailed Specifications

CSZ SERIES

The **CSZ Series Linear Vibrating Screen** has been developed from years of experience in screen design and industry applications. It delivers a highly efficient dewatering and screening solution that is ideal for high-load classification, dewatering, and de-sliming processes in industries such as metallurgy, coal, and sand aggregates.

Features

- **Powerful Excitation Force:** Utilises block eccentricity instead of traditional vibration motors, resulting in a stronger excitation force.
- **Robust Construction:** The screen beams and box are connected with high-strength bolts, eliminating the need for welding.
- **Simplified Maintenance:** Designed with a straightforward structure for easy and quick maintenance.
- **Smooth Operation:** Uses a coupling and flexible connection for stable performance.
- **High Efficiency & Durability:** Offers excellent screening efficiency, high throughput, and extended service life.



CSZ Series Technical Parameters

Model	Width (mm)	Length (mm)	Single Deck Area (m ²)	Motor Power (kw)	Max Feed Size (mm)	Aperture Size (mm)	Capacity (t/h)	Amplitude (mm)	Installation Angle (°)	Vibration Frequency (rpm)
CSZ1845	1800	4500	8.1	11x2	≤50	0.2-5	160	6-8	±5	970
CSZ2045	2000	4500	9	11x2	≤50	0.2-5	180	6-8	±5	970
CSZ2452	2400	5200	14.4	15x2	≤50	0.2-5	250	6-8	±5	970
CSZ3052	3000	5200	15.75	22x2	≤50	0.2-5	310	6-8	±5	970

HORIZONTAL SCREEN

detailed
Specifications

CSH SERIES

The **CSH Series Horizontal Screen** is a high-efficiency screening solution widely used in mining, construction materials, metallurgy, coal, and related industries. It is specifically designed for material classification, dehydration, grinding media removal, and solid waste treatment.

Renowned for its high screening efficiency, strong adaptability, and ease of maintenance, the CSH screen is particularly well suited for processing high-moisture, sticky, or difficult-to-screen materials.

Features

- **High screening efficiency, large processing capacity, and superior precision:** Ideal for applications with strict particle size requirements, such as aggregates and metallic ores.
- **Wear-resistant design:** Features a high-strength steel screen frame with optional high-manganese steel or polyurethane screen meshes.
- **Modular exciter system:** Allows flexible adjustment of amplitude and vibration frequency for optimised performance.
- **Automatic lubrication system:** Reduces the need for manual lubrication and minimises downtime risks.



CSH Series Technical Parameters

Model	Width (mm)	Length (mm)	Single Deck Area (m ²)	Amplitude (mm)	Max Feed Size (mm)	Aperture Size (mm)	Capacity (t/h)	Motor Power (kW)	Installation Angle (°)	Vibration Frequency (rpm)	Overall Dimensions (mm)
CSH1860-2	1930	6100	10.8	12~15	≤300	5~80	380~800	30	0	740~830	6875x3243x1691
CSH1860-3	1930	6100	10.8	12~15	≤300	5~80	380~800	30	0	740~830	6875x3243x2091
CSH2060-2	2130	6100	12.0	12~15	≤300	5~80	430~900	30	0	740~830	6875x3443x1691
CSH2060-3	2130	6100	12.0	12~15	≤300	5~80	430~900	37	0	740~830	6875x3543x2191
CSH2460-2	2540	6100	14.4	15~18	≤300	5~80	500~1100	37	0	740~830	7077x3953x1753
CSH2460-3	2540	6100	14.4	15~18	≤300	5~80	500~1100	37	0	740~830	7077x3953x2246

SAND MAKING

specifications for our
Wheel Bucket Sand Washer

CLD SERIES

The **CLD Sand Washer** is a high-efficiency sand washing machine designed specifically for the sand and aggregate industry. The design offers, efficient washing, and a robust structure ensuring minimal sand loss during the washing process. The CLD design separates the transmission mechanism from the water and sand reducing maintenance.

Working Principle

During operation, the electric motor drives the wheel to rotate slowly through V-belts, a reducer, and gears. Sand is fed into the washing tank, where the rotating wheel stirs the water to remove impurities on the surface of sand particles. This agitation also breaks the water vapor layer on the sand, aiding dewatering. Fresh water is introduced to create a strong flow, which carries away lighter impurities through the overflow outlet. Clean sand is lifted by the wheel's blades and discharged into the product tank, completing the washing process.



CLD Series Technical Parameters

Model	Rotor Diameter (mm)	Rotating Speed (rpm)	Capacity (t/h)	Motor Power (kW)
CLD2316	2350	1.60	40-60	7.5
CLD2816	2800	1.42	50-100	7.5
CLD3018	3000	1.33	70-120	11.0
CLD3027	3000	1.33	100-180	15.0
CLD4027	4000	2.00	150-250	18.5
CLD5027	5000	2.00	200-300	22.0

specifications for our
Spiral Classifier

CLX SERIES

The **CLX Series Spiral Classifier** features a rotating spiral mechanism within a water trough. As the spiral stirs the sand, the impurities are carried away with the overflow, while the cleaned sand is classified and discharged from the top, completing the sand washing and classification process. The spiral classifier is widely used for washing, grading, and impurity removal across industries such as metallurgy, construction, and hydropower. It is particularly effective for separating fine and coarse particles in sand used for construction and roadworks.

CLX Series Technical Parameters

Model	Spiral Diameter (mm)	Trough Length (mm)	Trough Width (mm)	Circulating Load (t/hr)	Overall Dimensions (mm)	Motor Power (kW)
CLX09	900	6500	1012	20-23	8000×1470×2340	7.5
CLX12	1200	8600	1380	49-68	9800×1570×3130	7.5
CLX15	1500	8650	1750	49-114	10899×2086×3685	15.0
CLX20	2000	9650	2150	162-248	11099×2370×4486	15.0



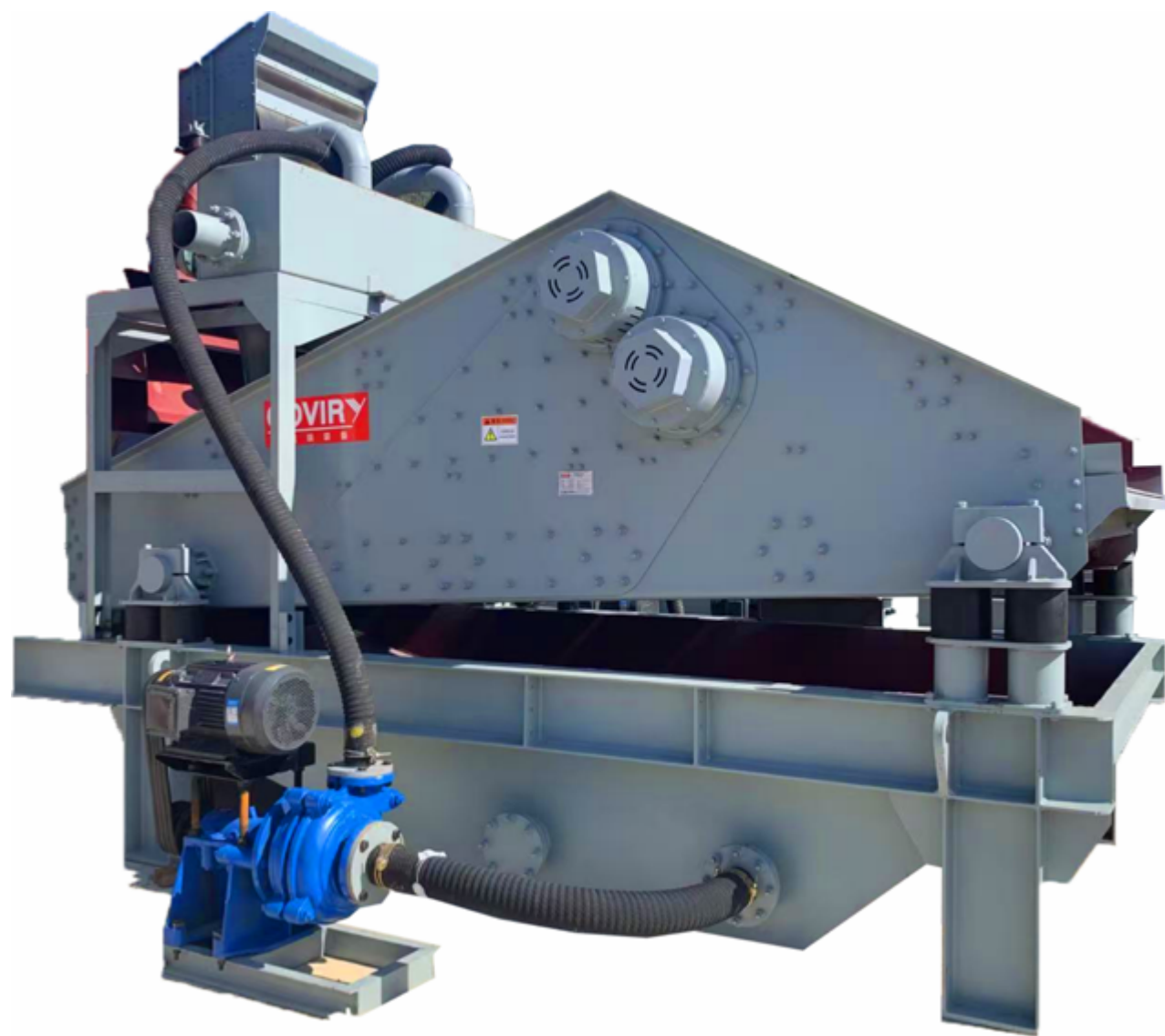
SPECIFICATIONS

for our

Dewatering Recovery

CSR SERIES

The primary function of the **CSR Dewatering Recovery Machine** is to clean, dehydrate, and classify sand and stone. It efficiently recovers a significant amount of fine sand that is typically lost during traditional sand washing processes, enhancing economic efficiency. This not only reduces the cost of tailings management but also minimises the environmental impact and damage caused by fine sand loss.



CSR Series Technical Parameters

Model	Mesh Dimensions (mm)	Vibration Frequency (Vib/min)	Sand Processing Capacity (t/h)	Water Processing Capacity (m ³ /h)	Motor Power (kW)
CSR1845	1800x4500	970	160	170-200	11×2 + 15/22×2
CSR2045	2000x4500	970	180	170-200	11×2 + 15/22×2
CSR2452	2400x5250	970	250	200-300	11×2 + 15/37×2
CSR3052	3000x5250	970	310	300-400	11×2 + 15/37×2

SPECIFICATIONS

for our
Belt Conveyor

B SERIES

The **B Series Belt Conveyor** features a modular design for both the main frame and support legs, streamlining the manufacturing process and reducing lead time. Each module is connected using bolts, allowing for easy assembly. The components are securely packed to prevent damage during transport and can be quickly assembled on-site, reducing setup time.

Working Principle

The belt conveyor consists of a driving system and a carrying system. The conveyor belt, which transports materials, is powered by a drive or head drum and a tensioning pulley, creating a continuous loop. Upper and lower idlers support the belt, while the tensioning device ensures proper belt tension for smooth operation. As the conveyor operates, the transmission system drives the drum, causing the belt to move forward. Materials are transported along the belt by the friction between the belt and the drive drum.



B Series Technical Parameters

Belt Width (mm)	Length (m)	Power (kW)	Speed (m/s)	Capacity (t/h)
500	≤ 12	3.0	1.3-1.6	78-191
	12-20	4.0-5.5		
	20-30	5.5-7.5		
650	≤ 12	4.0	1.3-1.6	131-323
	12-20	5.5-7.5		
	20-30	7.5-11		
800	≤ 10	4.0	1.3-1.6	278-546
	10-15	5.5-7.5		
	15-30	7.5-15		
1000	≤ 10	5.5	1.3-2.0	453-853
	10-20	7.5-11		
	20-40	11-22		
1200	≤ 10	7.5	1.3-2.0	655-1284
	10-20	11-15		
	20-40	15-30		
1400	≤ 10	11.0	1.3-2.0	750-1520
	10-20	15-22		
	20-40	22-45		

ANCILLARY SYSTEMS

to support our
Equipment

LUBRICATION

Lubrication plays a critical role in ensuring the smooth operation and longevity of machinery by performing the following functions:

- Reducing friction between moving parts, minimising wear and deformation
- Preventing component degradation and extending service life
- Absorbing and mitigating shocks to protect sensitive equipment
- Shielding surfaces from corrosion, preserving material integrity
- Isolating components from contaminants, maintaining operational efficiency
- Removing and flushing out impurities, supporting clean and reliable performance.



HYDRAULIC

The hydraulic station transforms mechanical energy into hydraulic pressure, which is regulated by valves within the manifold. The controlled hydraulic oil is then delivered to the machine's cylinders through external pipelines, enabling precise adjustments to the crusher's power, speed, and direction. By managing the flow and pressure of the hydraulic oil, the station facilitates seamless integration with both primary and auxiliary hydraulic equipment, ensuring stable and consistent performance.



ELECTRICAL

The electrical cabinet regulates and distributes incoming power, using transformers, breakers, and control panels to manage voltage, prevent overloads, and ensure safe delivery to critical systems. It supports seamless integration with machinery and auxiliary equipment, providing reliable energy management for continuous industrial operation.



CONTROL SYSTEM

Control stations act as the central interface for mining equipment, providing precise command, performance monitoring, remote operation for safety, system coordination, and real-time diagnostics to improve efficiency, reliability, and maintenance.



BAG HOUSE

The QDMC series uses proprietary dust suppression and noise reduction technologies for mining crushing, screening, and conveying equipment. A modular dust enclosure with a pulse-jet cartridge filter effectively controls emissions, meets standards, and lowers noise.

Systems are customisable, with filter areas up to 900 m², handling inlet concentrations <200 g/Nm³ and delivering outlet concentrations of <50 mg/Nm³.



Service & Support

our support is
Next Level

Coviry Pacific offers unique capability to support from project inception through to the operational phase, and beyond. We can help you meet your crushing, screening and materials processing needs. With a history of Engineering, Procurement, and Construction (EPC) and local Australian engineering and presence, Coviry Pacific can offer turnkey solutions for any requirements.

Australian Based Support and Engineering

- Project management
- Local Presence on East and West Coast
- Compliance with all relevant AS/NZS Standards
- Product Wear & Metallurgical Analysis
- OEM Aftermarket Service and Parts
- Import and Local Logistics Support
- Equipment Inspections and Maintenance Recommendations

Service Offerings



- Civil Loadings and Foundation Construction Guidance
- Installation and Commissioning Guidance



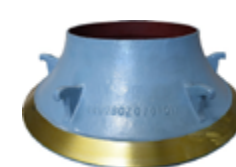
- Remote Problem Solving
- Equipment Operation and Maintenance Inspection



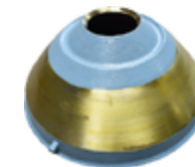
- Original Spare Parts Supply
- Machinery Repair

A comprehensive range of genuine spares are made available within Australia to allow for quick turnaround on machinery maintenance. Spares can be manufactured to any dimensions required allowing Coviry Pacific to handle all equipment.

With an extensive service partnership across the east and west coasts of Australia we can service your plant.



Concave



Mantle



Breaker Plate Liner



Screen Mesh



Tip Wear Bar



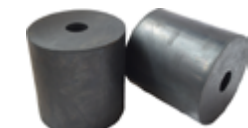
Lower Wear Plate



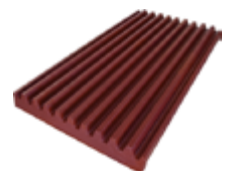
Blow Bar



Copper Bushing



Rubber Spring



Jaw Plate



Motor



Tip



Cavity Wear Plate



Springs



Conveyor Parts



Track Pads



Hydraulic Pack



Drive Systems



Sub assemblies



Cylinders

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MOBILE & FIXED CRUSHERS
MOBILE & FIXED FEEDERS
MOBILE & FIXED SCREENS
WASHERS
SAND MAKING
CLASSIFIERS
CONVEYORS
EPC PROJECTS



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FOR THE FIRST TIME IN THE HISTORY OF THE UNITED STATES