



Контакты в России:
Eco Technics Consulting LLC
тел. +7495 7853383
etc@ecotc.com, www.ecotc.com

MECRU MECRU HEAVY INDUSTRY TECHNOLOGY CO., LTD

+86-0371-65600333

Web: www.mecrugroup.com / Email: mecru@mecrugroup.com

Address: C5-3, Hi-tech enterprise accelerator Industrial park,
Hi-tech District, Zhengzhou city, China



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MECRU

INTELLIGENT CRUSHING AND SCREENING PLANT AND SOLUTION SUPPLIE

HENAN MECRU HEAVY INDUSTRY TECHNOLOGY CO., LTD

Innovation drives development, and quality succeeds brand. For the best quality, Mecru insists in renewing the products, if the content of this brochure is changed, Subject to the actual machines and we won't notice separately.

INTELLIGENT CRUSHING AND SCREENING PLANT AND SOLUTION SUPPLIE



**Provide the best solution to meet your requirements
It is the consistent pursuit of Mecru**

Mecru Heavy Industry Technology Co., Ltd. is a large-scale intelligent crushing and screening equipment manufacturer integrating R&D, production and sales. As a promoter of the sand and aggregate processing and mineral processing industries, Mecru has always been committed to providing users with high-quality technologies, processes, equipment and services.

The company's main equipment includes: crawler mobile crushing station, crawler mobile screening station and other mobile crushing and screening equipment, as well as jaw crusher, primary crushing gyratory crusher, cone crusher, impact crusher, sand making machine, Fixed crushing and screening equipment such as feeder and vibrating screen. Our crushing and screening equipment, as well as rock and mineral processing solutions are widely used in the fields of sand and gravel production, quarries, mines, mineral processing, construction and construction waste recycling.

Aggregate processing and mineral processing involve a wide range of areas, requiring providers with extensive industry experience. Mecru has accumulated many years of experience, and the case sites are located in mining, cement, metallurgy, chemical industry, construction waste and other fields. With rich practical experience, it is an overall solution provider that customers can choose with confidence.

Mecru Heavy Industry Technology Co., Ltd. always insists on technology and quality, dares to innovate, and pursues excellence. Mecru regards the optimized research and development of products and providing customers with smarter and higher-quality products as the cornerstone of development, with superb production technology as quality assurance, and excellent service system as brand extension, and strives to expand globally Create a more eye-catching and valuable mining machine brand. Mecru looks forward to cooperating with you.



DEVELOPMENT >>>>

2018

- Officially established in May
- In November, we were invited to participate in Shanghai Bauma Construction Machinery Exhibition, Bring a wealth of products and solutions to the show. Self-developed The mobile crushing station is widely praised by customers

2019

- Apply for multiple patent certificates
- Passed ISO9001 quality management system certification
- Passed CE certification
- Invited to participate in the 6th China (Beijing) International Mining Exhibition, shines brilliantly

2019

- Invited to participate in the 5th Guangzhou International Sand, Gravel and Tailings in Guangzhou Exhibition of Technology and Equipment for Disposal of Construction Waste
- Invited to participate in the Indonesian construction machinery and construction machinery exhibition, and served international customers at the exhibition The mobile crushing and stationary crushing equipment of Mecru are displayed.
- Invited to participate in the International Mining Exhibition in Manila, Philippines, for the majority of participants It provides a good opportunity to get a comprehensive understanding of Mecru.

2020

- Certified as a "Technology-based Enterprise"

2021

- Persist in promoting product development with technological innovation

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JAW CRUSHER



HIGHER CRUSHING CAPACITY

HIGHER LOAD CAPACITY

HIGHER SERVICE LIFE



Mecru C series jaw crushers are specially designed for processing hard materials. Its unrivaled reliability and productivity have been proven in thousands of mining, quarry and construction waste recycling applications.

Mecru C series jaw crusher is a jaw crusher with eccentric top and single toggle plate. The feed material is crushed between the fixed jaw and the movable jaw. The movable jaw plate is connected with the movable jaw. The way the movable jaw moves (=kinematics) is determined by the eccentricity of the eccentric shaft and the angle of inclination of the toggle plate. The steep toggle angle of the Maik Road C series jaw crusher increases the eccentricity from the top to the bottom of the crushing chamber. Larger effective stroke at the bottom of the crushing chamber ensures higher output and better crushing ratio.

01 High-quality steel castings, stable and efficient equipment

02 Centralized lubrication, convenient and quick

03 Large centrifugal force design, better crushing performance

04 Double wedge adjustment, safe and firm

»»»» Specification and performance parameter table

Model	Feeding opening size (mm)	Max feeding size (mm)	Discharge range opening (mm)	Eccentric shaft Speed (r/min)	Capacity (t/h)	Power (kw)	Dimension (L×W×H) (mm)	Weight (t)
C80	510×800	420	40-175	350	65-380	75	2577×1526×1750	10
C96	580×930	460	60-175	330	120-455	90	2880×1755×1460	12
C106	700×1060	580	70-200	280	155-580	110	3320×2030×2005	18
C116	800×1150	680	70-200	260	170-600	132	3600×2400×2730	24
C120	850×1200	750	70-200	230	170-600	132	3990×2540×3015	27
C125	950×1250	800	100-250	220	290-845	160	4100×2800×2980	44
C145	1100×1400	950	125-275	220	400-1070	200	4600×3110×3410	64
C160	1200×1600	1020	150-300	220	520-1275	250	5900×3700×4280	84
C200	1500×2000	1200	175-300	200	760-1590	400	6700×4040×4465	135

* Technical data are subject to change without notice.

»»»» Performance advantage

The movable jaw assembly is made of high-quality steel castings, and the integral cast steel bearing seat can ensure the reliability and durability of equipment operation.

The integrated motor frame can reduce the installation space of the crusher and the length of the V-belt, and can adjust the tension of the motor V-belt to increase the service life of the V-belt.



Apply to 200+ materials coarse crushing

Forged heavy-duty eccentric shaft and four larger and more durable eccentric shaft bearings, its higher load capacity and effective labyrinth seal greatly extend the service life of the eccentric shaft.

The double wedge adjustment system is more robust, simple, safe and fast. If the hydraulic drive adjustment device is selected, it is easy to realize the automation of equipment production.

The crushing chamber is designed with large centrifugal force and steep bracket inclination angle, so that the effective stroke at the bottom of the crushing chamber is larger and the crushing performance is better.

The profile and thickness of the jaw plate are optimized, and the appropriate manganese steel alloy material is selected, which not only increases the output but also reduces the cost of use.

The configured centralized lubrication device makes the lubrication of the crusher bearings convenient and quick.

»»»» C series jaw crusher capacity

Model	Outlet size(mm) & Capacity (t/h)												
	0-90mm	0-105mm	0-120mm	0-135mm	0-150mm	0-185mm	0-225mm	0-260mm	0-300mm	0-340mm	0-375mm	0-410mm	0-450mm
C80	95-125	115-150	130-170	150-195	165-215	210-275	250-325	290-380					
C96	120-155	140-180	160-210	180-235	200-260	250-325	300-390	350-455					
C106		155-200	175-230	200-260	220-290	280-365	335-435	390-510	455-580				
C116		170-220	190-250	215-280	240-310	295-385	350-455	405-525	460-600				
C120		175-240	195-270	225-305	255-325	305-395	340-475	458-567					
C125					290-380	350-455	410-535	470-610	530-690	590-770	650-845		
C145						400-520	470-610	540-700	610-795	680-885	750-975	820-1070	
C160							520-675	595-775	675-880	750-975	825-1070	900-1170	980-1275
C200								760-990	855-1110	945-1230	1040-1350	1130-1470	1225-1590

* Technical data are subject to change without notice.

PRIMARY GYRATORY CRUSHERS



HIGHER EFFICIENCY, LOW POWER CONSUMPTION, STABLE OPERATION

Ring space
work more efficiently

Made of high-quality cast steel
smooth operation

Unique patent
the movable cone liner is easy
to disassemble

Uniform particle size of
crushed products

The gyratory crusher is the key equipment in the transition between the quarry and the subsequent processing system. Whether it is iron ore, copper ore, limestone or other rocks, the raw materials produced by drilling and blasting have a wide range of particle sizes. Therefore, most large enterprises use gyratory crushers to crush the ore to a suitable particle size, which is convenient for the subsequent crushing process or beneficiation process, which is the key link in the entire process. Mecru Gyratory Crusher is the perfect crystallization of years of experience and technological innovation of the company, featuring low ton consumption, high energy efficiency, long service life and best crushing performance. The whole machine is made of high-quality cast steel components, which can ensure the highest functionality and operational reliability of primary crushing applications, can easily crush the hardest materials, can be applied to the worst crushing applications, and ensure Smooth operation under operating conditions.

The gyratory crusher is a large-scale crushing machine that uses the gyratory motion of the crushing cone in the cone cavity in the shell to squeeze, split and bend the material, and roughly crush ores or rocks of various hardness. The upper end of the main shaft with the crushing cone is supported in the bushing in the middle of the beam, and its lower end is placed in the eccentric hole of the shaft sleeve. When the shaft sleeve rotates, the crushing cone moves eccentrically around the center line of the machine, and its crushing action is continuous, so the working efficiency is higher than that of the jaw crusher. The principle of the gyratory crusher is the same as that of the jaw crusher, but the difference is that the crushing cavity is an annular space formed between the crushing cone and the fixed cone. At any moment, a part of the material is crushed, while the opposite one Part of the material is discharged downward at the same time, which belongs to the continuous working system.



»»»» Performance advantage

The crushing chamber can be applied to various crushing application conditions and has good crushing performance.

Manganese steel wear parts are standard, and chrome alloy fixed cone liners and lower frame liners are optional.

An effective dust seal is equipped with a positive pressure blower to prevent dust from entering the eccentric unit and drive unit, extending the life of the crusher bearings.

Balanced design, ideal for mobile or stationary crushing operations, minimizes the impact force transmitted to the supporting frame of the crusher.

Beam bushings and seals can be easily replaced without removing the beam, which reduces manpower, time and equipment consumption and production loss due to downtime.

The heavy-duty integral spindle is equipped with a patented alloy steel threaded spindle sleeve to reduce the stress on the spindle.

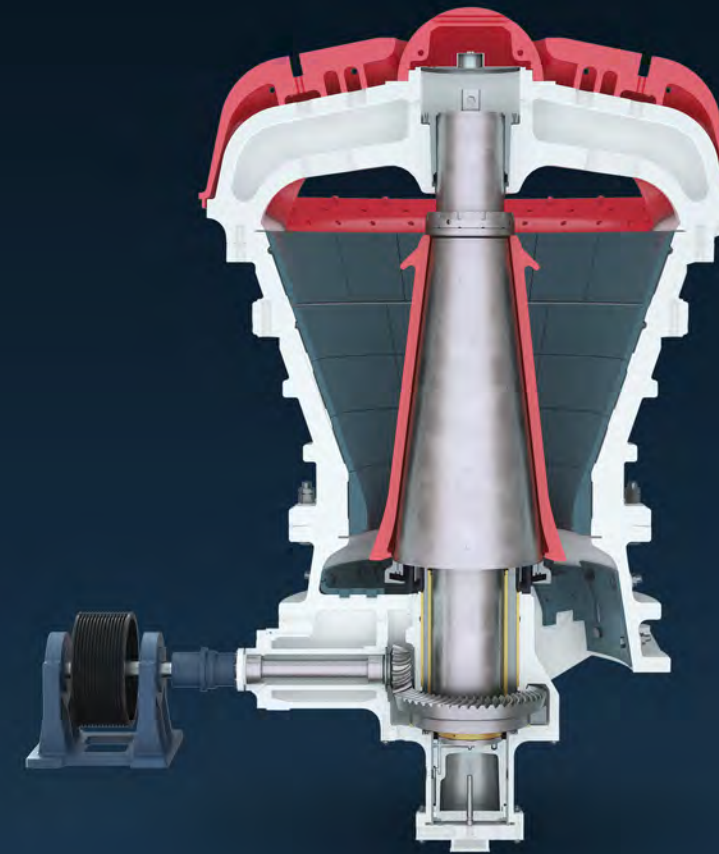
Patented mantle lock nut with cutting ring allows for easier mantle liner removal.

High-strength frame design enables trouble-free operation and extended service life even under the harshest crushing conditions.

The main shaft and the moving cone are cast in one piece to avoid loosening of the moving cone during the crushing process.

External adjustment device for gear and pinion backlash

Patented thrust bearing wear indicator releases harmless silver dust into the lubricating oil when wear through thickness is reached.



The main shaft position control system can easily adjust the main shaft to compensate the wear of the liner and control the product particle size.

The crushing cavity with a large inclination angle and the long crushing surface make the crusher have a super high crushing capacity, and the life of the liner reaches the longest.

Extra-heavy-duty frame, large-diameter integral spindle assembly and high-performance bearings ensure longer service life and safer and more reliable operation.

Fine crushing chamber design ensures excellent production capacity.

»»»» Specifications and parameter

Model	Feeding inlet size (mm)	Rotational Speed (r/min)	Power (kw)	Output size & Capacity (mm/t)								Dimension (L×W×H) (mm)		
				140mm	150mm	165mm	175mm	190mm	200mm	215mm	230mm		250mm	
MCR42-65	1065	600	375	2000	2320	2500	2860							3940×4170×6900
MCR50-65	1270	600	375		2380	2770	2920							4500×4500×7450
MCR54-75	1370	600	450		2870	2970	3130	3320	3470					4930×4925×8410
MCR62-75	1575	600	450		2880	3600	3810	4200	4220					5580×5250×9090
MCR60-89	1525	600	600			4180	4530	5070	5280	5520	5800			5590×5545×10470
MCR60-110	1525	600	1200				5520	6930	7320	7560	8270	8880		6200×5940×11390

* Technical data are subject to change without notice.

SINGLECY LINDER HYDRAULIC CONE CRUSHER



COMPARED WITH THE SPRING CONE CRUSHER WITH THE SAME DIAMETER, THE OUTPUT IS INCREASED BY 20%-30%

Laminated crushing for increased yield

Improve the grain shape of the product and improve the quality of the finished product

Various cavity options

Fully automatic control system efficient and convenient

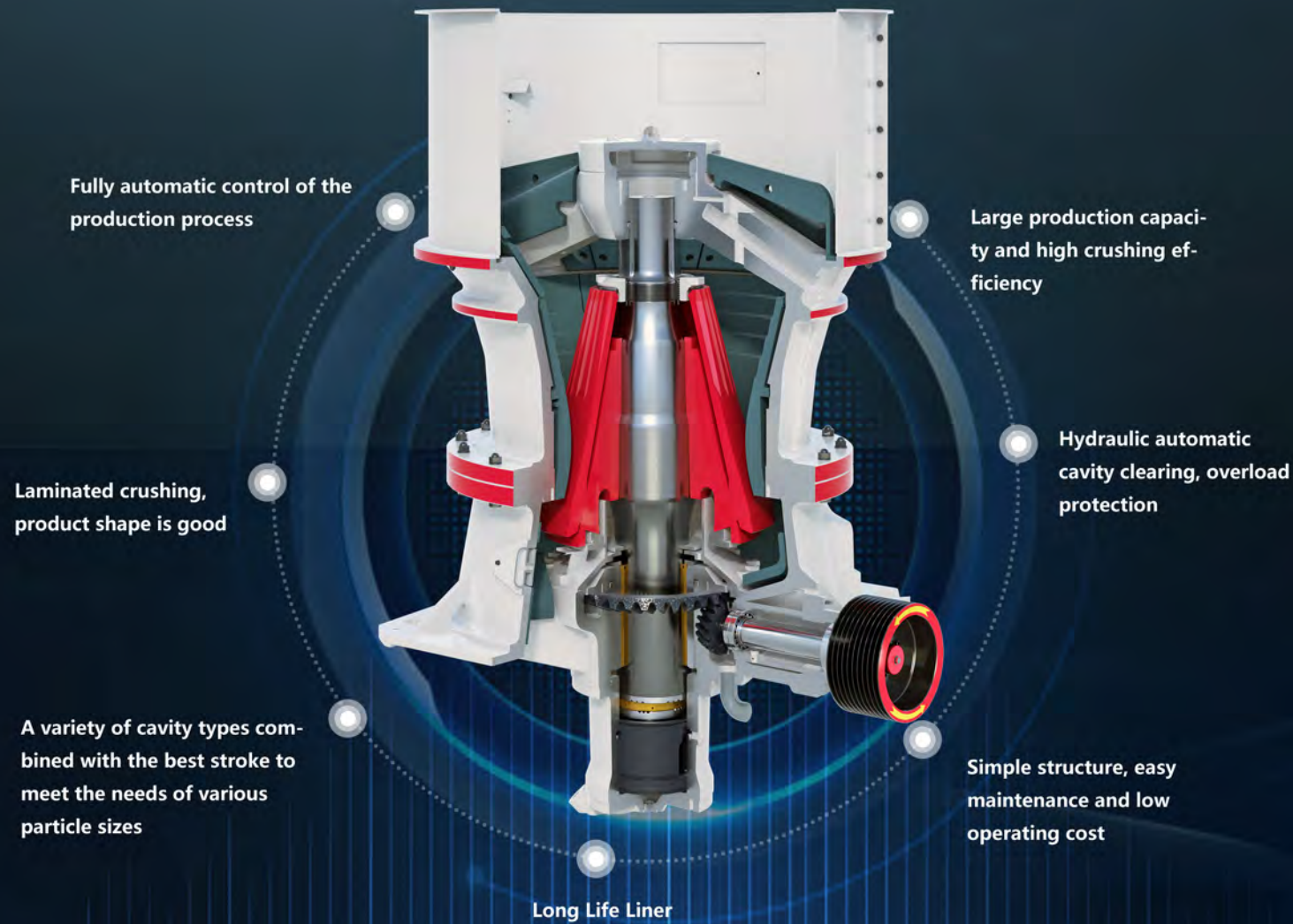
Simple equipment structure easy maintenance

Rack-optimized, durable

Mecru Single Cylinder Hydraulic Cone Crusher is developed with the world's most advanced crusher technology. The brand-new crusher structure integrating mechanical, hydraulic, intelligent control and other technologies, combined with the optimized laminated crushing chamber and fully intelligent automatic control system, makes the single-cylinder hydraulic cone crusher of Mecru Road have the advantages of traditional cone crushers. Comparable performance characteristics: multiple optional cavity shapes, high crushing efficiency, low production cost, convenient adjustment and maintenance, excellent product grain shape, and can be widely used in medium crushing, fine crushing and ultrafine crushing operations.



»»»» Performance advantage



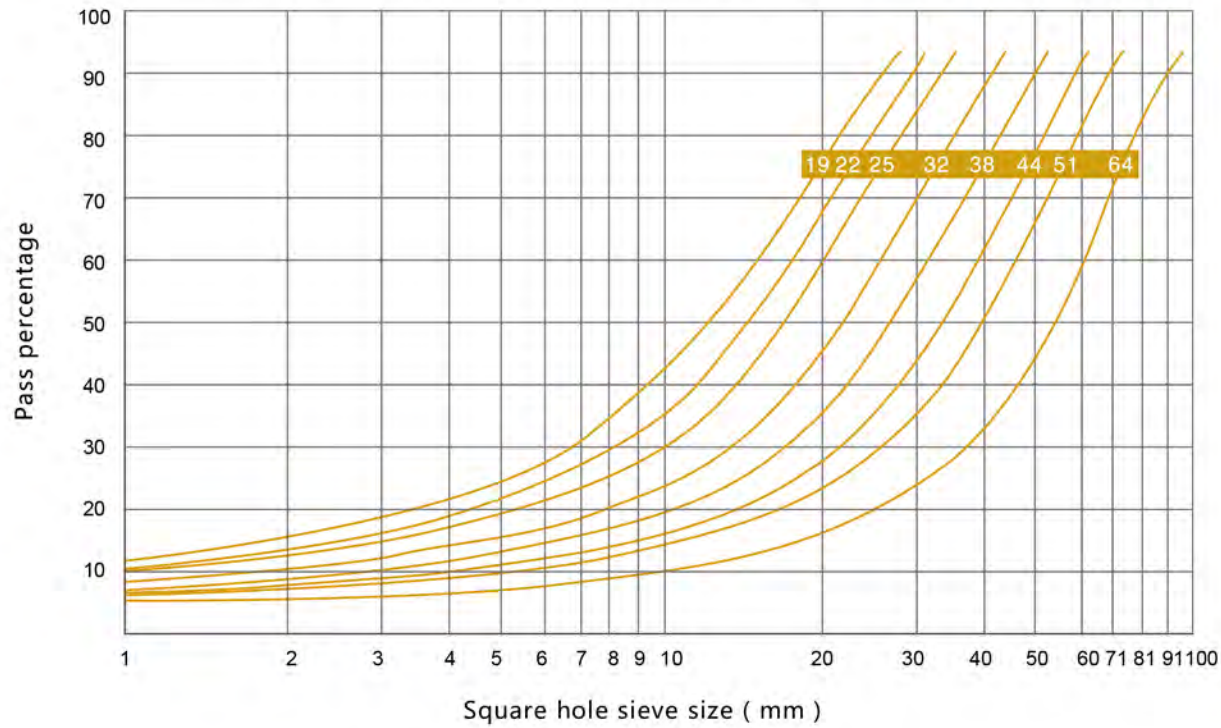
»»»» Specification and performance parameter table

Model	Cavity type	Max inlet size (mm)	Min outlet size (mm)	Capacity (t/h)	Dimension (L×W×H) (mm)	Power (kw)
CSG420	S1 Extra Coarse	240	22	85-170	1550×1575×2545	90
	S2 Medium Coarse	200	19	70-130		
CHG420	H1 Fine	135	10	45-130	1550×1575×1965	
	H2 Medium Fine	65	8	35-80		
	H3 Extra Fine	38	4	27-60		
CSG430	S1 Extra Coarse	360	33	120-345	1875×1920×3195	
	S2 Medium Coarse	300	25	105-305		
	S3 Coarse	235	19	90-275		
CHG430	H1 Fine	185	13	60-210	1930×1860×2700	
	H2 Medium Fine	90	10	65-165		
	H3 Extra Fine	50	6	48-105		
CSG440	S1 Extra Coarse	450	35	255-605	2400×2150×3650	220
	S2 Medium Coarse	400	29	215-515		
	S3 Coarse	300	25	190-490		
CHG440	H1 Fine	215	16	110-395	2400×2150×3000	
	H2 Medium Fine	110	13	115-340		
	H3 Extra Fine	70	8	90-225		
CSG660	S1 Extra Coarse	560	41	355-1050	3000×2650×4500	315
	S2 Medium Coarse	500	38	305-895		
CHG660	H1 Fine	275	16	170-665	2550×2150×3650	
	H2 Medium Fine	135	16	190-505		
	H3 Extra Fine	65	13	205-320		
CHG870	H1 Fine	300	22	448-1512	3400×2900×3900	
	H2 Medium Fine	155	19	400-1372		
	H3 Extra Fine	80	10	280-775		
CHG890	H1 Fine	370	25	480-2128	3100×3600×5305	750
	H2 Medium Fine	195	22	552-1605		
	H3 Extra Fine	85	10	365-885		

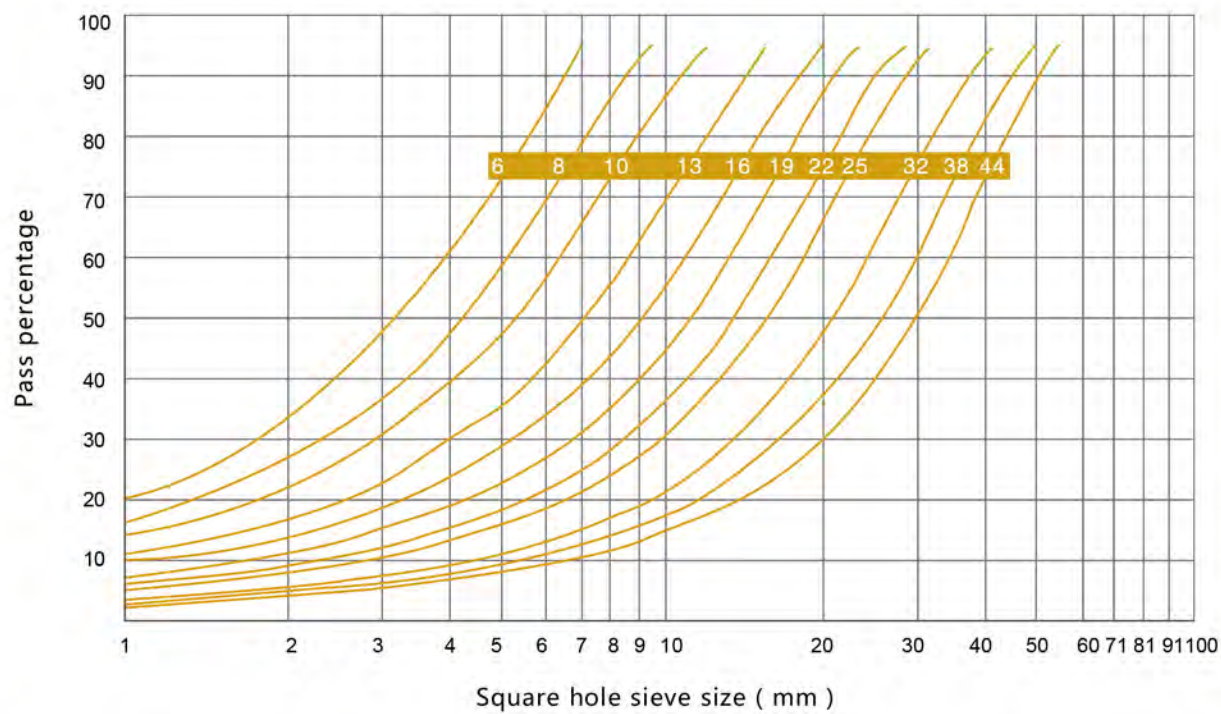
* Technical data are subject to change without notice.

»»»» Particle size distribution curve

Crushed particle size distribution curve in CSG



CHG fine particle size distribution curve



»»»» CSG coarse crushing single cylinder hydraulic cone crusher production capacity

Model	CSG420			CSG430			CSG440			CSG660	
	S1 Extra Coarse	S2 Medium Coarse	S3 Coarse	S1 Extra Coarse	S2 Medium Coarse	S3 Coarse	S1 Extra Coarse	S2 Medium Coarse	S3 Coarse	S1 Extra Coarse	S2 Medium Coarse
Closed side outlet size	19		70			90					
	22	85	75-95		105	95-125					
	25	90-115	80-130	120	115-145	105-170			190		
	29	100-160	90-115	135-175	125-200	115-220		215	205-270		
	32	105-170	95	140-230	130-255	120-235		230-300	220-345		
	35	110-145		150-295	140-270	125-250	255	245-385	230-435		
	38	115		160-310	145-285	135-265	270-355	260-485	245-465		305
	41			170-330	155-305	140-275	285-450	270-515	260-490	335	320-420
	44			175-345	165-265	150-245	300-565	285-450	270-430	350-460	340-620
	48			190-310	175	160	320-605	305-400	290-380	375-590	360-755
	51			195-260			335-525	300	305	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		

»»»» CHG fine crushing single cylinder hydraulic cone crusher production capacity

Model	CHG420			CHG430			CHG440			CHG660			CHG870			CHG890			
	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	H1 Fine	H2 Medium Fine	H3 Extra Fine	H1 Fine	H2 Medium Fine	H3 Extra Fine	
Closed side outlet size	4		27-35																
	6		30-50			48-80													
	8	35-45	31-55			50-85			90-135										
	10	45	38-75	32-60		65-85	53-90		95-180						280-405			364-420	
	13	50-85	40-80	35-50	66-110	70-135	56-100		115-190	100-195			205-295		304-517			395-532	
	16	52-95	45-76	38	75-150	75-145	60-104	110-200	120-280	110-120	170	190-295	220-320		328-558			426-574	
	19	58-100	50-60		80-165	80-155	65-105	120-280	130-300	115-225	185-340	205-440	235-300		400-563	352-598		458-616	
	22	60-105			85-175	85-165	70-95	125-295	140-320	125-240	195-440	215-470	250-290	448-588	428-786	376-639		552-613	489-658
	25	63-115			90-185	90-155	75	135-315	150-340	135-255	210-465	230-500		477-849	455-836	400-680	480-640	587-1043	520-700
	32	75-130			100-210	100		155-360	170-285	150-210	235-550	265-505		544-968	519-953	455-775	547-1277	669-1189	593-789
	38				110-210			170-390	185		260-605	290-405		601-1070	573-1054	503-728	605-1411	739-1314	655-882
	44							185-385			285-665			658-1172	628-1154	551-669	662-1546	810-1440	718-883
	51										315-515			725-1291	692-1271		730-1702	892-1586	790
	57													782-1393	746-1372		787-1837	962-1604	
	64													849-1512	810-1248		854-1994	1045-1393	
70													906-1331	865-1098		912-2128	1115		

* The production capacity table can be used as a preliminary selection tool for the Maik Road single-cylinder hydraulic cone crusher. The data in the table are the "instantaneous" sampling results during open-circuit production of 1.6t/m³ dry material. The actual production results are based on material type, There will be differences in the amount of waste, water content, and mud content in the feed.

MULTI-CYLINDER HYDRAULIC CONE CRUSHER



**TRANSMISSION SYSTEM, RELIABLE AND STABLE,
LOW NOISE, LONG SERVICE LIFE**

Fixed spindle, compact structure

**Large-capacity accumulator
safer equipment**

**Laminated crushing
fine material ratio is good**

**Improved hardware design
no fear of complex environments**

**Integrated hydraulic lubrication
to prolong service life**

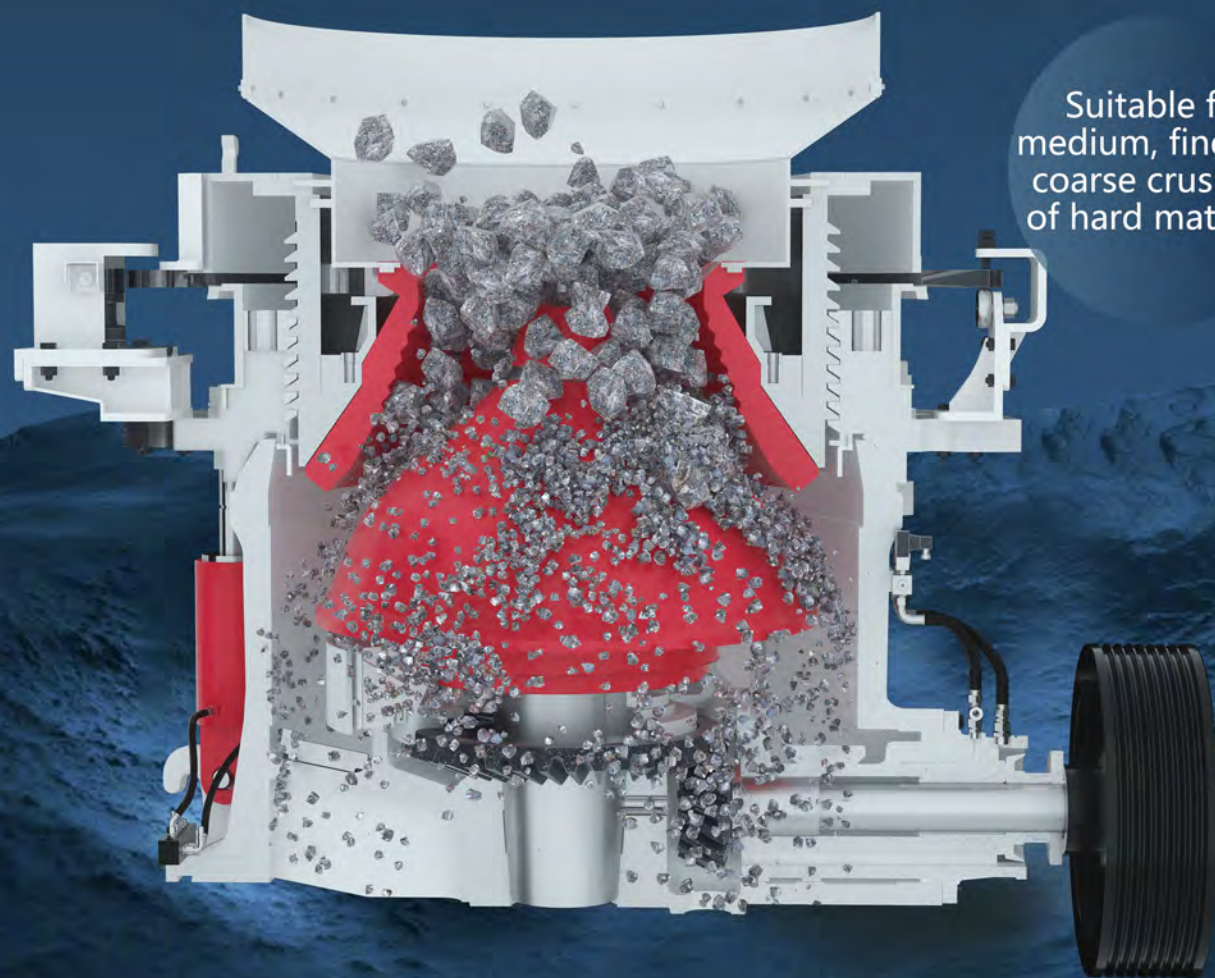
**Floating mounting base saves
effort and time**

MECRU multi-cylinder hydraulic cone crusher integrates mechanical, hydraulic, electrical, automation and other technologies. It has many advantages that traditional crushers cannot match, such as high crushing efficiency, low production cost, convenient maintenance and adjustment, and excellent grain shape of crushed products. The cone crusher is mainly used in the second-stage crushing and three-stage crushing links in metal mines and construction sandstone processing. It is the latest generation of products that replace spring cone crushers and general hydraulic cone crushers in the mine construction industry and metal mining industry.



»»»» working principle

The cone breaking cone is driven by the eccentric sleeve to perform a pendulum motion, which drives the crushing wall to squeeze and grind the material between the wall of the rolling socket. According to the lamination theory, the material is subjected to forces from multiple directions, and according to its own texture After crushing and grinding, stable stone particles are finally formed, and those that meet the discharge requirements fall from the gap between the swing and pendulum of the crushing wall, and the rest of the materials continue to be crushed until they meet the final requirements.



Suitable for medium, fine and coarse crushing of hard materials

»»»» Performance advantage

The fixed spindle has strong equipment bearing capacity, more compact structure, small volume and high efficiency.

While the wall of the cone is thickened, the fixing method of the liner is improved, no need to pour glue, the replacement is very convenient and fast, and the maintenance cost is reduced.

The standard floating installation base is simple to install, saves labor and time, reduces the requirements for the foundation, and reduces the user's investment.

The oil circuit of the insurance cylinder adopts a large-diameter oil pipe and a large-capacity accumulator, which has better buffer performance, faster response and safer equipment.

Integrated hydraulic lubrication, unique thin oil lubrication system design, greatly improving the service life of the equipment. High-performance non-contact labyrinth seals are more conducive to ensuring the cleanliness of lubricating oil.

A temperature sensor is installed at the oil return point of the horizontal shaft to accurately detect the oil temperature and ensure the stable operation of the equipment; the transmission system adopts spiral bevel gears, with reliable and stable transmission, low noise and long service life.

Advanced bearing design, using tin bronze bushing sliding bearing design, compared with rolling bearings, the equipment can still maintain super high load capacity in high dust and high impact environments, and the production cost is low.

By adopting the principle of intergranular lamination and utilizing the mutual extrusion between materials, the crushing efficiency and the proportion of fine materials are significantly improved, and the needle-like materials are greatly reduced and the steel consumption of wearing parts is reduced.



»»»» Specification and performance parameter table

Model	Cavity type	Closed side feeding size (mm)	Min outlet size (mm)	Capacity (t/h)	Installed Power (kw)	Dimension (L×W×H) (mm)	Weight (t)
HPG300	C1 Extra Coarse	230	25	100-440	220	2800×2000×2200	20
	C2 Coarse	210	20				
	M Middle	150	16				
	F1 Fine	105	13				
	F2 Extra Fine	80	10				
HPG400	C1 Extra Coarse	290	30	135-625	315	3200×2400×2500	26
	C2 Coarse	250	25				
	M Middle	196	20				
	F1 Fine	110	13				
	F2 Extra Fine	90	10				
HPG500	C1 Extra Coarse	330	38	200-790	400	3700×2800×2800	28
	C2 Coarse	290	30				
	M Middle	210	22				
	F1 Fine	130	16				
	F2 Extra Fine	95	13				
HPG800	C1 Extra Coarse	350	38	265-1200	630	3970×3350×4235	35
	C2 Coarse	300	32				
	M Middle	265	25				
	F1 Fine	220	17				
	F2 Extra Fine	150	14				

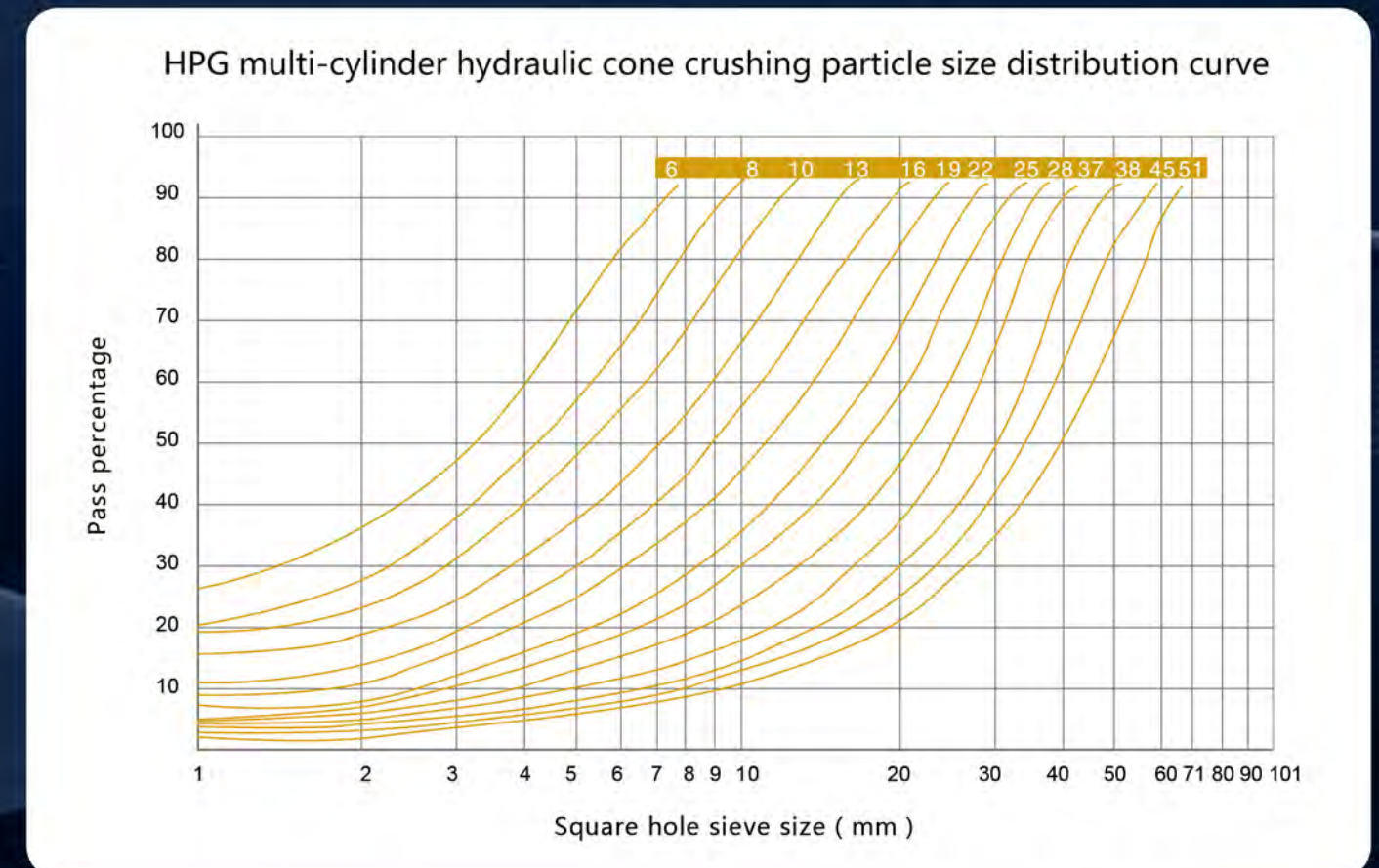
* Technical data are subject to change without notice.

»»»» Capacity of HPG multi-cylinder hydraulic cone crusher

Outlet size	t/h	10mm	13mm	16mm	19mm	22mm	25mm	32mm	38mm	45mm	51mm
Model											
HPG300	t/h	115-140	150-185	180-220	200-240	220-260	230-280	250-320	300-380	350-440	
HPG400	t/h	140-175	185-230	225-280	255-320	275-345	295-370	325-430	360-490	410-560	465-630
HPG500	t/h	175-220	230-290	280-350	320-400	345-430	365-455	405-535	445-605	510-700	580-790
HPG800	t/h	260-335	325-425	385-500	435-545	470-600	495-730	545-800	600-950	690-1050	785-1200

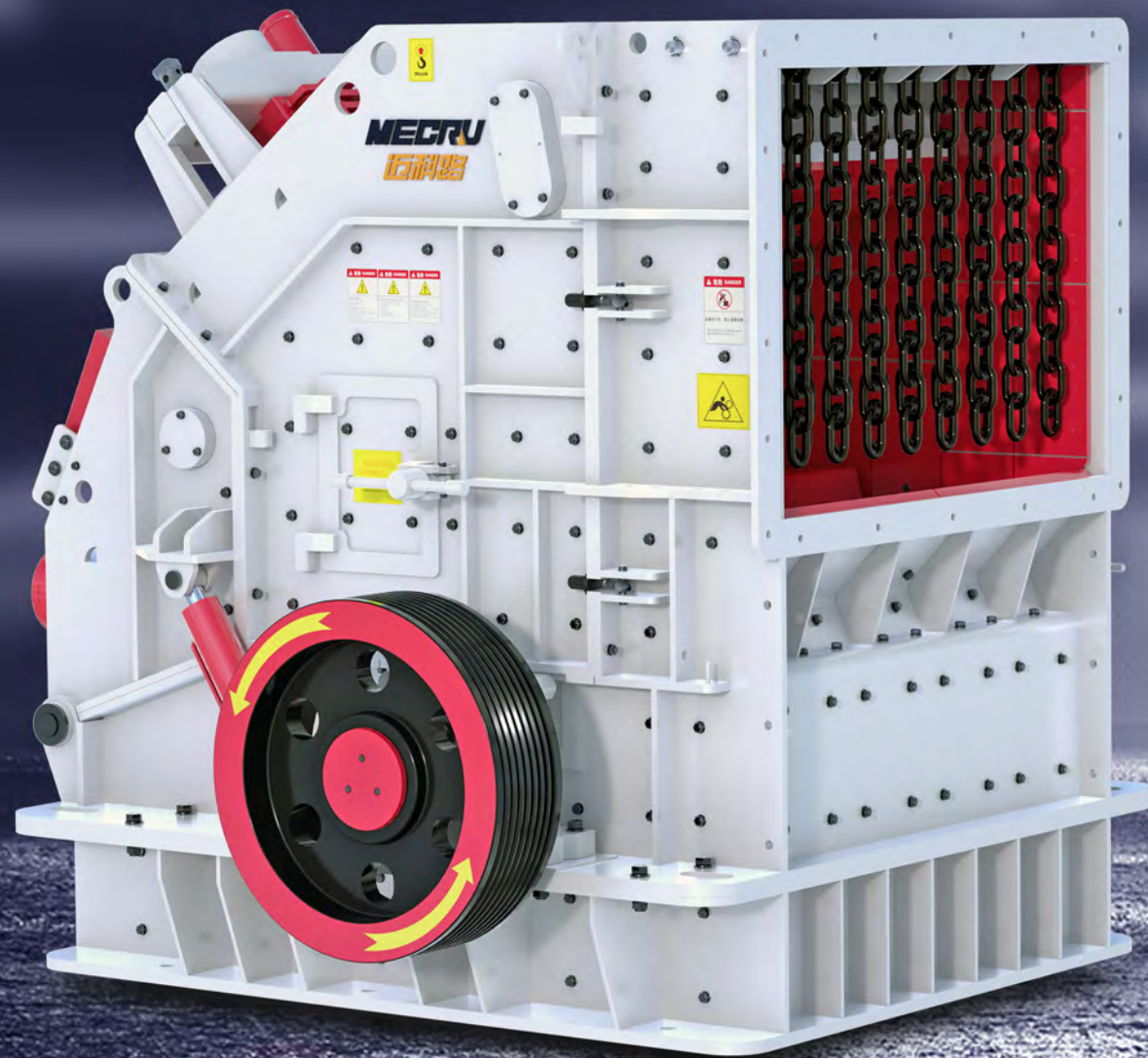
* The production capacity table can be used as a preliminary selection tool for the Maik Road multi-cylinder hydraulic cone crusher. The data in the table are based on the measurement results of "instantaneous" sampling with a bulk density of 1.6t/m³; Under high and closed-circuit operating conditions, the production capacity of the equipment can be increased by about 15%-30% compared with open-circuit operation.

»»»» Particle size distribution curve



* The particle size and production capacity are related to factors such as feed particle size, crushing cavity type, material density, water

C SERIES IMPACT CRUSHER



High-strength, heavy-duty design of the rotor, strong crushing capacity

Mecru C series impact crusher is a kind of high-efficiency and energy-saving crushing equipment, which can crush ore, limestone, slag, coke, coal, etc. whose compressive strength does not exceed 350 MPa. The C series impact crusher adopts heavy-duty rotor design, high wear-resistant materials and scientific cavity design, which not only improves production capacity and product quality, but also reduces operating costs and wear parts costs. The C series impact crusher can exert excellent performance in the application of coarse crushing, medium crushing and fine crushing. It has the characteristics of large crushing ratio, good product shape and uniform particle size.

- 01 The rotor speed is adjustable and controllable to meet the crushing needs of different materials
- 02 Unique blow bar locking device, simple and safe
- 03 The position of the impact plate is hydraulically adjusted to realize the conversion of coarse, medium and fine crushing
- 04 Hydraulic control, stable performance, simple operation and convenient maintenance

»»»» Performance advantage

- Unique blow bar locking system

The C series impact crusher has a unique locking device for the blow bar, which makes fixing the blow bar safer and easier. The blow bar can be used with adjustable heads, which reduces the consumption of wearing parts.

- Excellent crushing cavity design

The "C" shaped cavity design enables the crusher to have a larger feed inclination angle, which allows the material to penetrate deeper into the rotor, thereby ensuring the stability of the finished product grading and reducing the cost of operation and wear.

- Scientific rotor design, better crushing effect

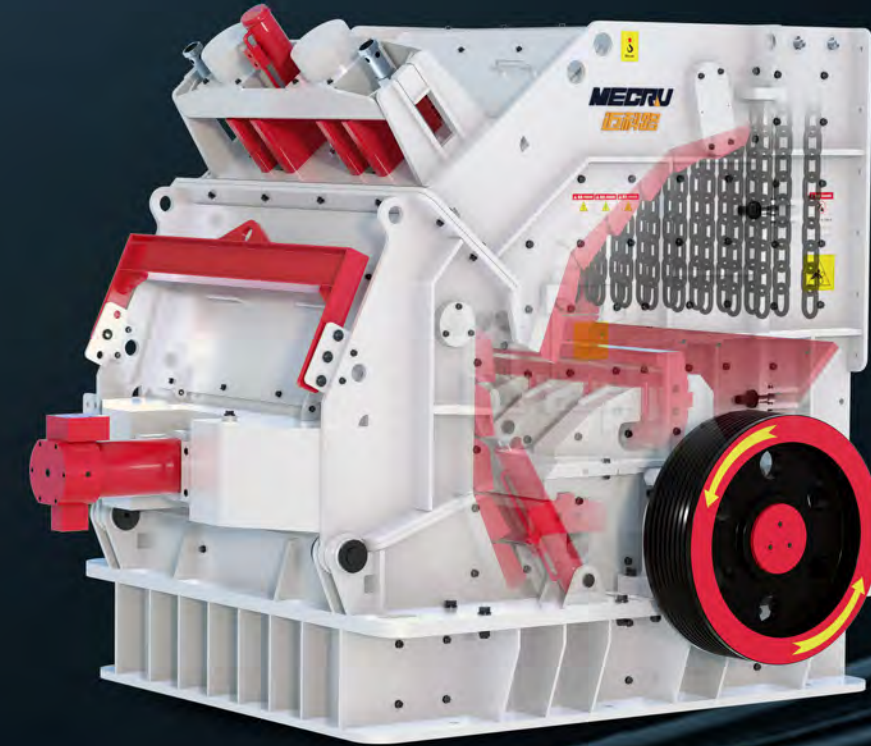
The rotor adopts high-quality and heavy-duty design, which has greater inertia and impact force, improves crushing ratio and process stability, and reduces energy consumption. At the same time, the rotor speed can be adjusted to easily meet the different crushing needs of different materials. The rotor adopts anti-winding design, which effectively solves the problem of steel bar winding in construction waste crushing.

- The position of the impact plate can be adjusted hydraulically, which can easily cope with various working conditions

The position of the impact plate can be adjusted hydraulically, so as to change the impact angle and the size of the discharge port, and realize the conversion of coarse, medium and fine crushing functions. Unrivaled crushing performance in primary, secondary, tertiary and recycling applications.

- The rack is easy to open and easy to maintain

The box body of the crusher can be opened in stages by using the hydraulic system. Hydraulic control is adopted, with stable performance, simple operation, and convenient inspection and maintenance of the inside of the crusher and replacement of wearing parts.



- Super large feed port and crushing cavity design

The maximum feeding port is 1000mm, and the "C" type crushing cavity also provides a larger crushing space, which is convenient for processing larger materials.

- Greener details

The feed inlet is equipped with a multi-layer protective curtain, which not only improves the safety of the site, but also significantly reduces the dust phenomenon, which is safer and more environmentally friendly.

- Consumable parts are made of high wear-resistant materials

The wearing parts are made of high wear-resistant materials, which have a long service life, reduce the frequency of replacement, reduce costs, and improve the profitability of equipment.



»»»» Specifications and performance parameter table

Model	Feeding opening size (mm)	Max feed size (mm)	Capacity (t/h)	Power (kW)	Dimension (L×W×H) (mm)	Weight (t)
CI511	820×980	600	100-200	132	2800×1900×2200	12
CI521	1135X1380	750	200-400	220	3000×2500×2500	17
CI531	1158X1570	750	300-500	355	3050×2800×2700	24
CI541	1195X2010	800	400-700	2×250	3500×3600×2900	30
CI561	1220X2050	900	500-800	2×355	4100×3880×3100	36
CI581	1547X2710	1100	800-1500	800 (10KV)	4400×4500×3900	78

* Technical data are subject to change without notice.

C SERIES EFFICIENT VERTICAL SHAFT IMPACT CRUSHER >>>>

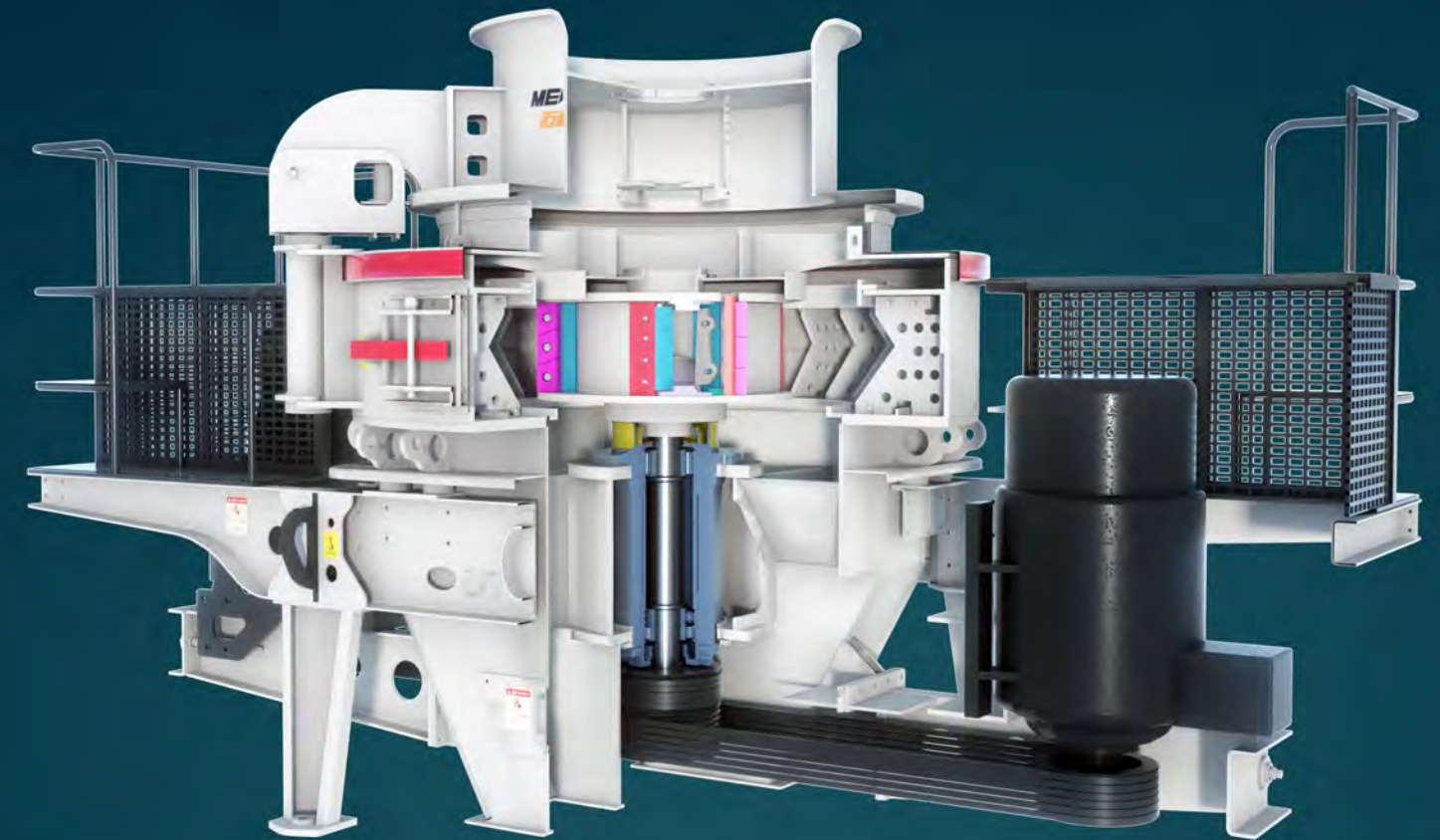
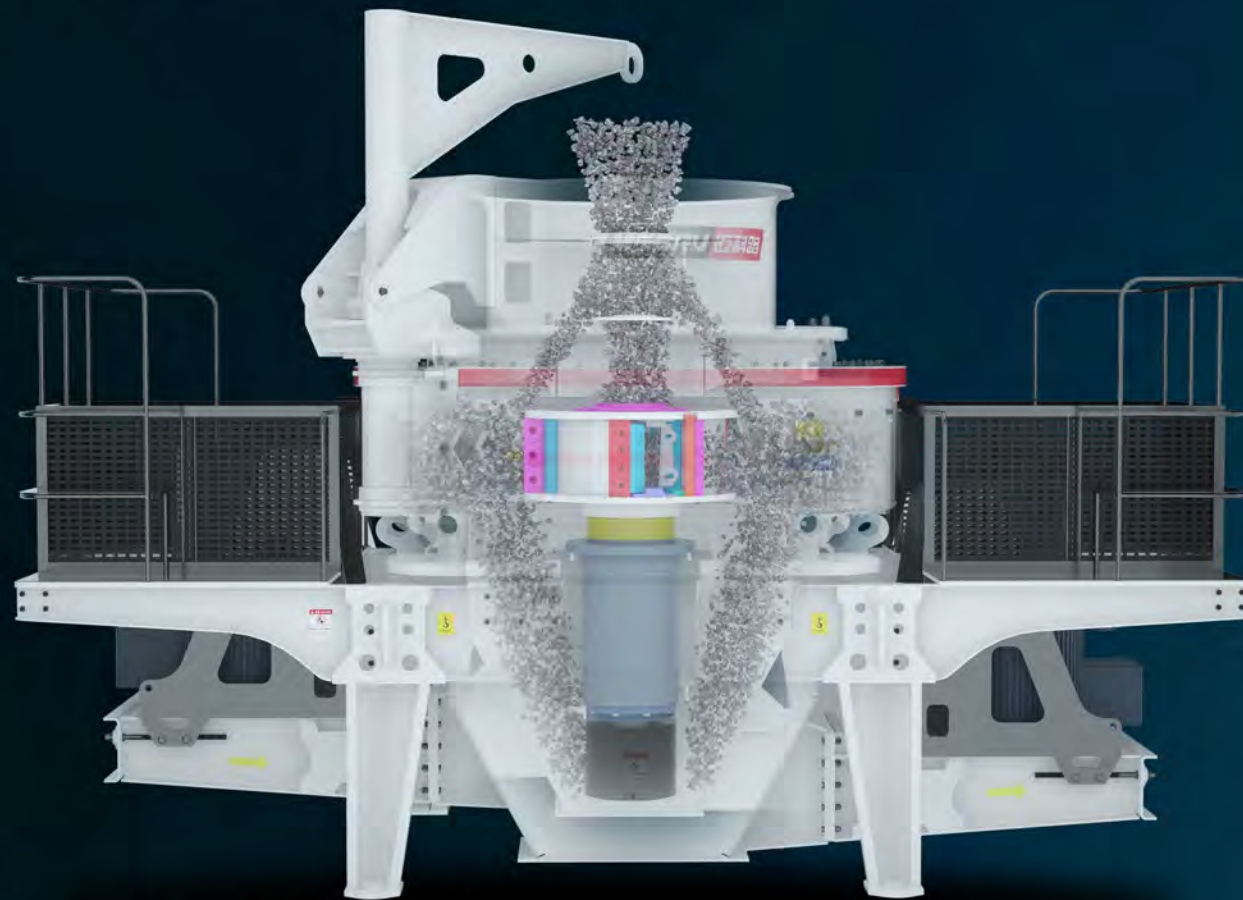


Optimize the launch port and internal curve, and has high processing capacity

- 01 The fineness modulus is adjustable and controllable, the gradation is uniform, and the needle flake content is extremely low
- 02 Dual-purpose bulk material tray, easy to operate, and two kinds of feed can be quickly switched
- 03 Double oil pump complementary system, safe and reliable
- 04 Thin oil lubrication system to improve work efficiency
- 05 Combination design of wear-resistant blocks, easy to replace and low failure rate
- 06 Structure optimization to reduce machine failure

C series impact crusher is the latest generation of machine-made sand production equipment that our company has introduced the latest international technology and integrates high stability and high productivity. The C series impact crusher has three functions of crushing, sand making and shaping, and is often used in the final process of the crushing and sand making production line. The finished machine has full sand grains, reasonable gradation, and stable output. It is a highly efficient sand making machine recognized worldwide and recommended by engineering construction. C-series impact crushers are widely used in standard machine-made sand and stone shaping of limestone, river pebbles, granite, ore tailings, etc.; in engineering fields such as water conservancy and hydropower, high-grade highways, expressways, high-speed railways, bridges, airport runways, municipal Machine-made sand production and stone shaping in engineering and high-rise buildings; fine crushing process in the front stage of grinding in mining industry; material crushing in building materials, metallurgy, chemical industry, mining, refractory materials, cement and other industries.





»»»» Performance advantage

- The deep-cavity rotor is adopted to improve the crushing efficiency and the material throughput is increased by 30%.
- Integration of thin oil lubrication and air cooling. Dual oil pumps complement each other to ensure oil supply. Automatic shutdown when there is no oil flow and oil pressure, air cooling is adopted for cooling, the cooling effect is excellent, the bearing lubrication is always in the best state, and the service life of the equipment is extended.
- The combined design of the wear-resistant block only needs to replace the worn part, and the peripheral guard plate can be turned up and down, which saves the replacement cost of the wearing parts of the equipment in the later stage; in addition, the shape of the impact block is diamond-shaped to avoid damage to the vertical plate after the material is impacted and worn.
- The core wear-resistant materials are highly wear-resistant and high-temperature-resistant materials used in important industries in the United States.
- The optimal launch port and smooth internal curve design reduce the flow resistance of materials and greatly improve the processing capacity of the equipment.
- The dual-purpose bulk material tray is easy to operate and can quickly switch between the two feeding methods.
- The bearings of the sand making machine all use imported bearings of internationally renowned brands to ensure stable operation of the equipment while optimizing the structural design to reduce heat points and reduce the incidence of equipment failure.
- The well-known brand high-protection grade motor is selected, with high efficiency and low noise, in line with the International Electrotechnical Commission (IEC) standard, F-class insulation, and IP54/55 protection grade.

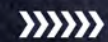
»»»» Specification and performance parameter table

Model	Feeding size (mm)		Capacity (t/h)		Rotary Speed (r/min)	Power (kw)	Dimension (L×W×H) (mm)	Weight (t)
	Hard marterial	Soft material	Sand	Optimized shape				
CI7615	≤30	≤35	30-40	120-160	1600-1900	75x2	4100×2400×2500	8/10
CI8522	≤35	≤45	40-60	160-240	1500-1850	110x2	4360×2500×2700	10/12
CI9532	≤40	≤45	60-80	240-320	1200-1650	160x2	4560×2550×2860	11/13
CI1145	≤45	≤50	80-110	320-440	1000-1450	220x2	5500×2780×3140	14/16
CI1150	≤45	≤50	110-130	440-520	1000-1450	250x2	5500×2780×3140	14/16
CI1263	≤50	≤60	130-160	520-640	900-1200	315x2	5800×3000×4120	22/24
Thin oil lubrication station	Double oil pump motor power		2×0.25Kw					
	safety protection		Complementary oil supply through dual oil circuits; intelligent oil supply short-circuit automatic shutdown; intelligent adjustment of water cooling and cooling; winter motor heating start					
	Fuel tank heating power		2Kw					
	Dimensions L × W × H(mm)		825×530×1280					

* Technical data are subject to change without notice.



YK VIBRATING SCREEN



- The side plate adopts integral bending parts, which are not easy to produce welding cracks. The connections between the side plate and the cross beam, front and rear cross braces are all connected by ring groove rivets, and the overall force is uniform, ensuring the quality and service life of the screen body.
- Special bearings for vibrating screens are used, with stable operation and long service life.
- The exciter component adopts an external block eccentric structure as the excitation source, which has large amplitude and strong excitation force, and is more suitable for screening bulk materials and materials with high bulk density, and is easy to repair and maintain.
- It adopts the synchronous toothed belt structure of the international advanced level. Compared with the gear synchronizer, it is light in weight and easy to maintain.
- Adjustable amplitude and adjustable inclination meets different amplitude requirements, use the screen area efficiently, ensure the screening efficiency, and the adjustment operation is simple and time-saving

Specification and performance parameter table

Model	Screen (mm)		Feeding Size (mm)	Capacity (t/h)	Power (kw)	Dimension (L×W×H) (mm)	Weight (t)
	Deck	Mesh area(㎡)					
2YK1860	2	10.8	≤200	80-500	22	6900×2740×1450	7
3YK1860	3				22	7140×2740×1830	8.5
4YK1860	4				30	7280×2740×2200	10
2YK2160	2	12.6	≤200	100-580	30	6900×3040×1450	7.2
3YK2160	3				30	7140×3040×1830	9
4YK2160	4				37	7280×3040×2200	11
2YK2460	2	14.4	≤200	150-650	30	6900×3340×1450	7.5
3YK2460	3				37	7140×3340×1830	9.5
4YK2460	4				45	7280×3340×2200	12
2YK2675	2	19.5	≤200	500-1000	37	8960×3540×1490	8.8
3YK2675	3				45	9120×3540×1930	11.5
4YK2675	4				55	9320×3540×2450	14
2YK3075	2	22.5	≤200	500-1000	30×2	8720×3780×1760	17
3YK3075	3				37×2	8990×3780×2500	20
4YK3075	4				45×2	9170×3780×3000	25
2YK3685	2	30.6	≤200	800-1400	37×2	10060×4576×1760	19
3YK3685	3				45×2	10330×4576×2500	25
4YK3685	4				55×2	10600×4576×3000	30

* Technical data are subject to change without notice.

TRIPLE AXIS HORIZONTAL SCREEN >>>>



- The screening efficiency is higher. With the same screening area, the screening output of the triaxial horizontal screen can be increased by 1.3-2 times.
- The three-axis drive can make the screen machine produce ideal elliptical motion, the amplitude is adjustable, and the oscillation track can be selected according to the actual material condition, which is more advantageous for materials that are difficult to screen.
- Three-axis drive, synchronous excitation, can make the screen machine obtain a stable working condition, especially suitable for large-scale screening needs.
- The three-axis drive improves the stress condition of the screen frame, reduces the load of a single bearing, and the side plate is evenly stressed, further improving the reliability and service life of the screen machine.
- The bearing is lubricated with thin oil, which effectively reduces wear and further prolongs the service life of the bearing.

>>>> Specification and performance parameter table

Model	Screen (mm)		Feeding Size (mm)	Capacity (t/h)	Power (kw)
	Deck	Mesh area(㎡)			
THS6203	3	11.58	≤200	200-750	30
THS6243	3	14.58	≤200	300-960	37

* Technical data are subject to change without notice.

DEWATERING SCREEN >>>>



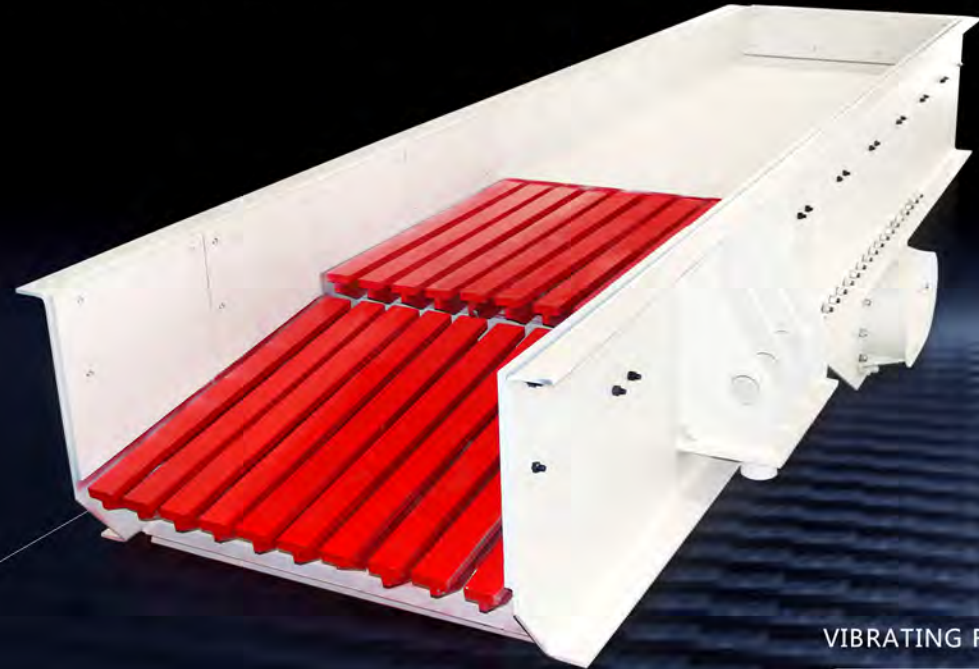
The dewatering screen is also called the high-frequency dewatering screen. The water tension on the surface of the pulp is changed by the exciting force. The slurry water passes through the screen and becomes the underscreen, while the fine material is blocked by the screen to form a filter layer and is affected by the vibration force to move forward and be discharged. The dewatering screen is mainly used in the dehydration, desliming, sand removal, washing and other operations of metal ore, non-metal ore, coal slime water, quartz sand, mud, etc.

>>>> Specification and performance parameter table

Model	Screen		Capacity (t/h)	feed size (mm)	Power (kw)	Dimension (L×W×H) (mm)
	specifications (mm)	Screen area (mm)				
MTS0918	900×1800	1.6	10-30	10	1.1×2	1885×1290×1077
MTS0924	900×2400	2.2	10-30	10	1.1×2	2483×1290×1215
MTS1224	1200×2400	2.88	30-60	10	2.2×2	2485×1590×1424
MTS1230	1200×3000	3.6	30-60	10	2.2×2	3084×1590×1439
MTS1236	1200×3600	4.32	30-60	10	3×2	3677×1590×1498
MTS1530	1500×3000	4.5	60-100	10	3×2	3083×1890×1433
MTS1536	1500×3600	5.4	60-100	10	3×2	3683×1890×1445
MTS1836	1800×3600	6.48	100-130	10	5.5×2	3717×2423×1927
MTS1842	1800×4200	7.56	100-130	10	5.5×2	4368×2421×2104

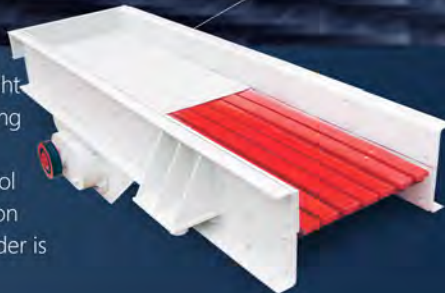
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VIBRATING FEEDER >>>>



VIBRATING FEEDER

VIBRATING FEEDER



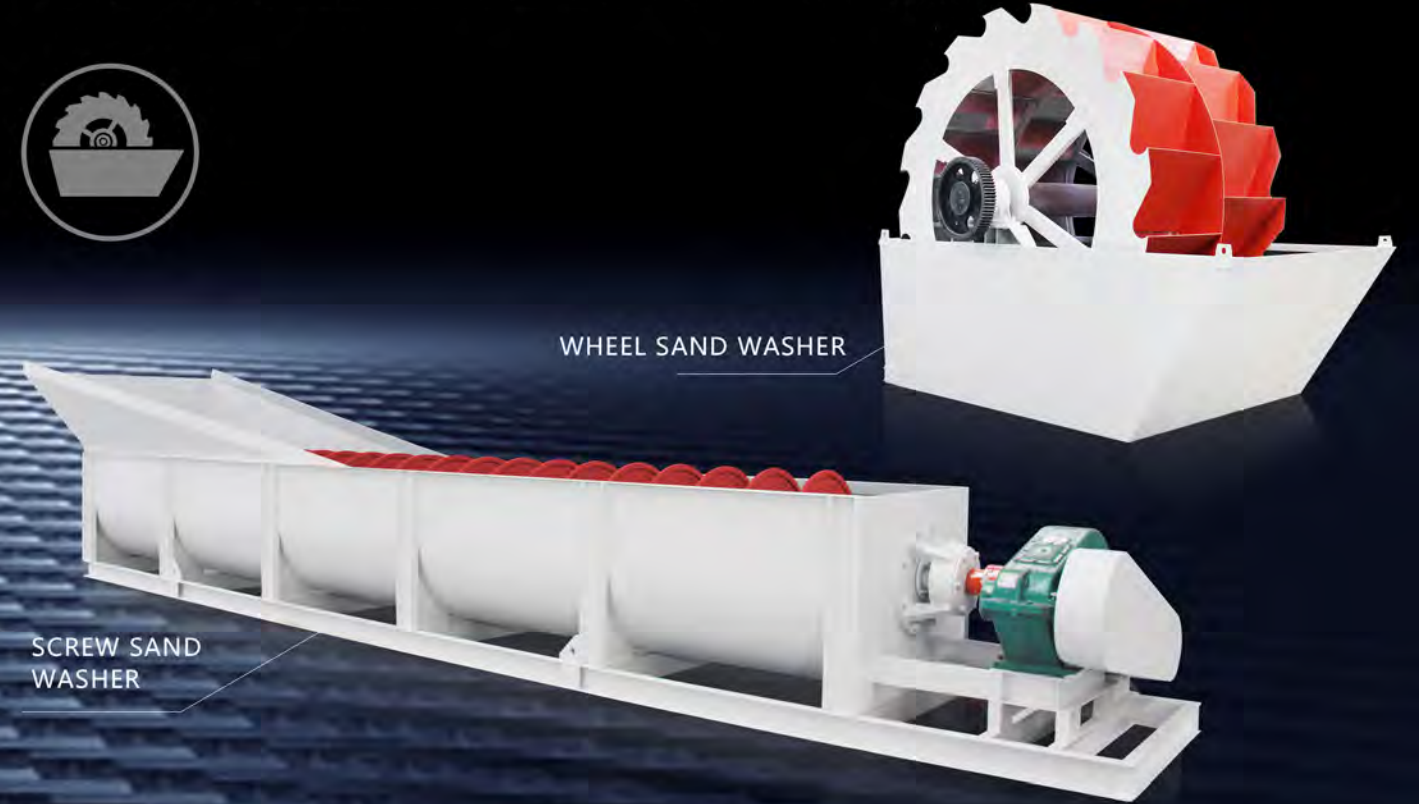
ZSW series vibrating feeder is widely used in mining, metallurgy, coal, building materials, light industry, chemical industry, electric power and other industries. It is equipped before crushing and is the necessary equipment to ensure the crushing quality. The product can not only remove soil and sundries while conveying materials continuously and evenly, but also control the feeding amount to match the processing capacity of the subsequent crushing production line, effectively improving the production efficiency of the crusher. ZSW series vibrating feeder is a feeding equipment with advanced economic and technical indicators.

>>>> Specification and performance parameter table

Model	Max input size (mm)	Capacity (t/h)	Motor model	Motor Power (kw)	Weight (t)	Chute size (mm)
ZSW-300x85	450	55-80	Y-160L-6	11	3.8	3000x850
ZSW-380x96	500	90-150	Y-160L-6	11	4.6	3800x960
ZSW-420x110	600	120-320	Y-180L-6	15	5.3	4200x1100
ZSW-490x110	600	150-350	Y-180L-6	15	5.8	4900x1100
ZSW-490x130	750	250-450	Y-200L-6	22	6.5	4900x1300
ZSW-600x130	750	300-560	Y-200L-6	22	7.8	6000x1300
ZSW-600x150	900	500-800	Y-225M-6	30	10.5	6000x1500
ZSW-600x180	1000	500-1000	Y-225S-4	37	12	6000x1800

* Technical data are subject to change without notice.

SAND WASHING MACHINE >>>>



WHEEL SAND WASHER

SCREW SAND WASHER

>>>> Specification and performance parameter table

WHEEL SAND WASHER

Model	Wheel size (mm)	Max feed size (mm)	Capacity (t/h)	Power (kw)	Dimension (L×W×H) (mm)	Weight (吨)
XSD2610	2600×1000	10	20-50	5.5	3255×1982×2690	2.7
XSD2816	2800×1600	10	30-60	11	3540×3000×2880	4.2
XSD3016	3000×1600	10	50-100	15	3845×3000×3080	5.5
XSD3620	3600×2000	10	100-200	22	4500×3560×3700	9.6

SCREW SAND WASHER

Model	Diameter of screw (mm)	Max feed size (mm)	Capacity (t/h)	Power (kw)	Dimension (L×W×H) (mm)	Weight (t)
LSX-920	920×7585	10	50-100	11	8900×2861×3821	6.2
2LSX-920	920×7585	10	100-200	2×11	8900×3765×3821	11.5
LSX-1120	1120×9785	10	50-175	18.5	11270×3645×4340	10.9
2LSX-1120	1120×9785	10	100-350	2×18.5	11270×4365×4415	17.8

*Technical data are subject to change without notice.

CRAWLER JAW CRUSHER STATION

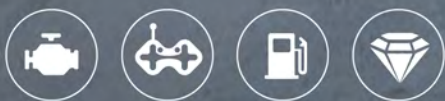




Suits primary crushing of 200 kinds of stones

Used in highway, railway, water conservancy, mining, building materials and other industries

High reliability and super power >>>>



Mecru crawler jaw crusher is suitable for primary crushing of all natural stones. The equipment adopts crawler vehicle chassis, fully hydraulic drive, equipped with large crushing ratio jaw crusher, feeder, belt conveyor and other auxiliary equipment, forming an integrated group operation mode. One-stop solution to the problem of coarse crushing of materials. Maik Road crawler jaw crushing equipment has high reliability and high adaptability, and is not afraid of narrow terrain and harsh environments. It is widely used in road and bridge construction, urban construction, metallurgy, energy and other fields.

Intelligent control

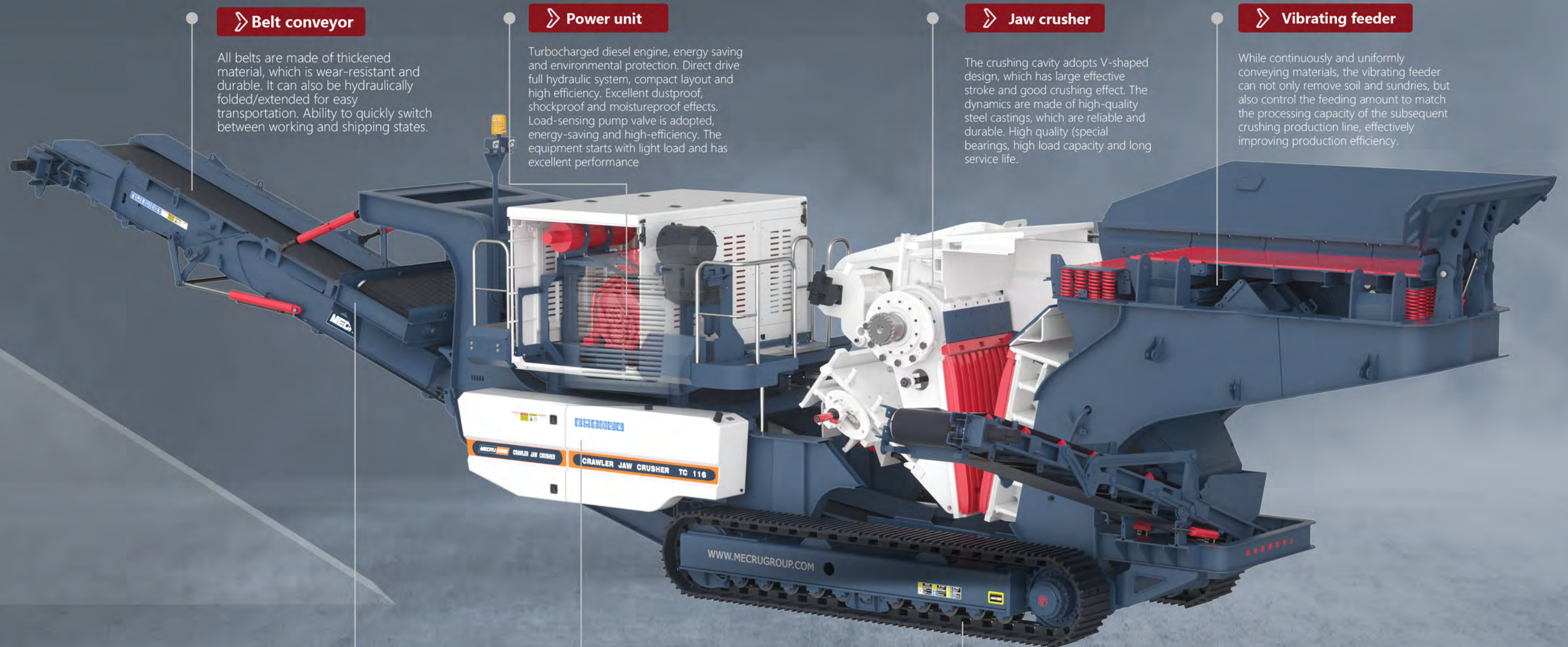
Engine drive

Efficient jaw

Intelligent, stable

Stronger chassis

Flexible operation



➤ Belt conveyor

All belts are made of thickened material, which is wear-resistant and durable. It can also be hydraulically folded/extended for easy transportation. Ability to quickly switch between working and shipping states.

➤ Power unit

Turbocharged diesel engine, energy saving and environmental protection. Direct drive full hydraulic system, compact layout and high efficiency. Excellent dustproof, shockproof and moistureproof effects. Load-sensing pump valve is adopted, energy-saving and high-efficiency. The equipment starts with light load and has excellent performance.

➤ Jaw crusher

The crushing cavity adopts V-shaped design, which has large effective stroke and good crushing effect. The dynamics are made of high-quality steel castings, which are reliable and durable. High quality (special bearings, high load capacity and long service life).

➤ Vibrating feeder

While continuously and uniformly conveying materials, the vibrating feeder can not only remove soil and sundries, but also control the feeding amount to match the processing capacity of the subsequent crushing production line, effectively improving production efficiency.

➤ Magnetic separator

Permanent magnetic iron remover with higher sorting capacity, effectively removes ferromagnetic impurities.

➤ Controlling unit

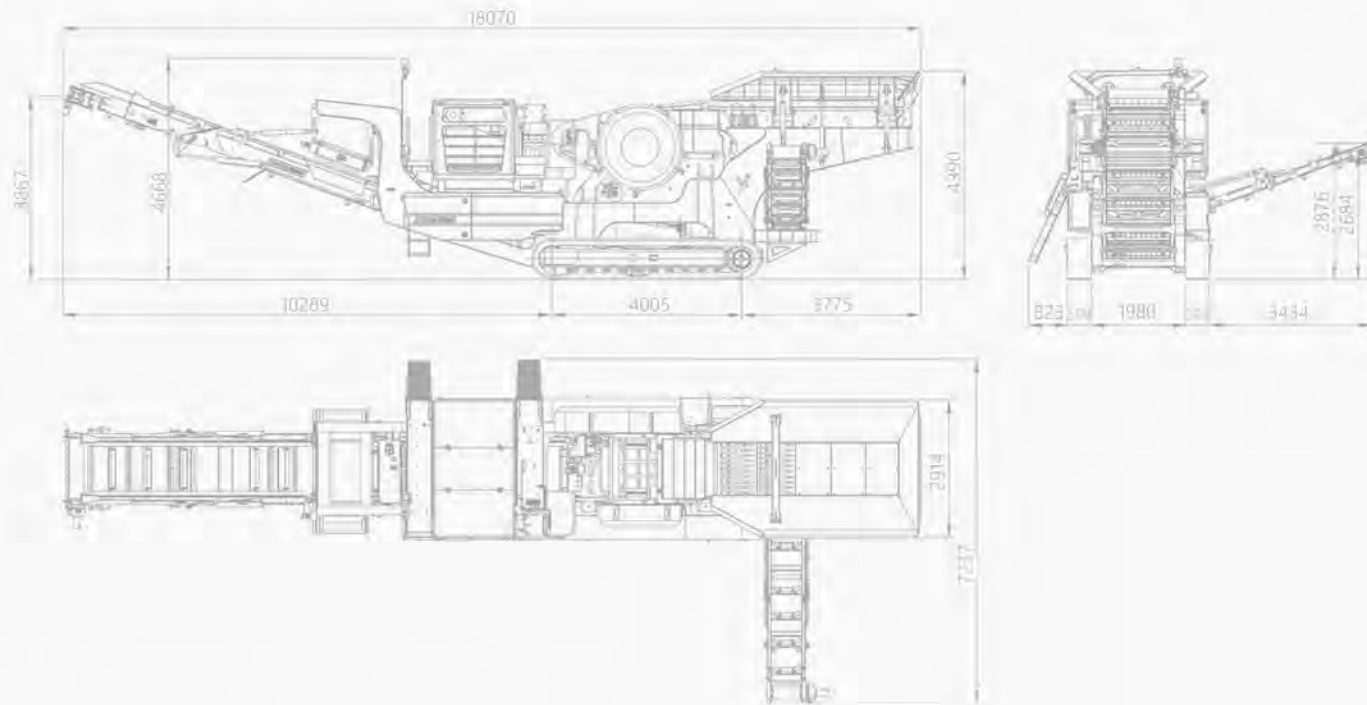
The centralized control system can adjust the running speed through the liquid crystal display operating system, and the operation is simple and accurate. The output of finished materials can be measured through sensors, which helps the equipment production capacity to be digitized and intelligent.

➤ Crawler chassis

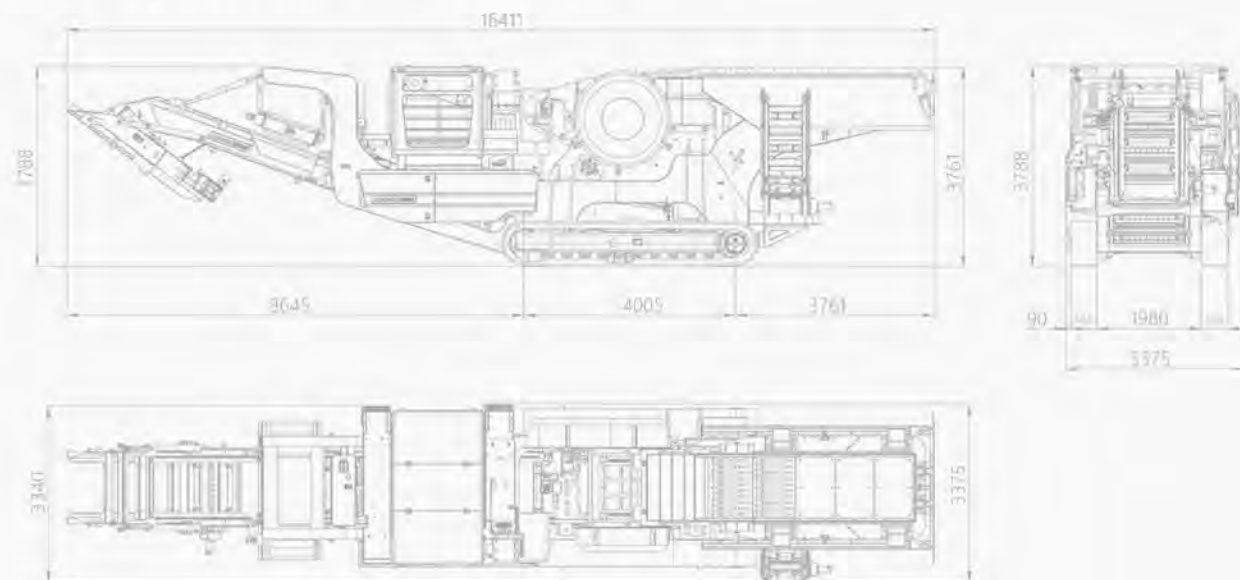
Hydraulically driven walking, strong power, adaptable to various terrains. The integrated high-strength frame makes the whole machine more durable. The compact model design is convenient for transportation, and it can be put in place and started in a short time.

➤ **TC116**

Working dimension



Transportation dimension



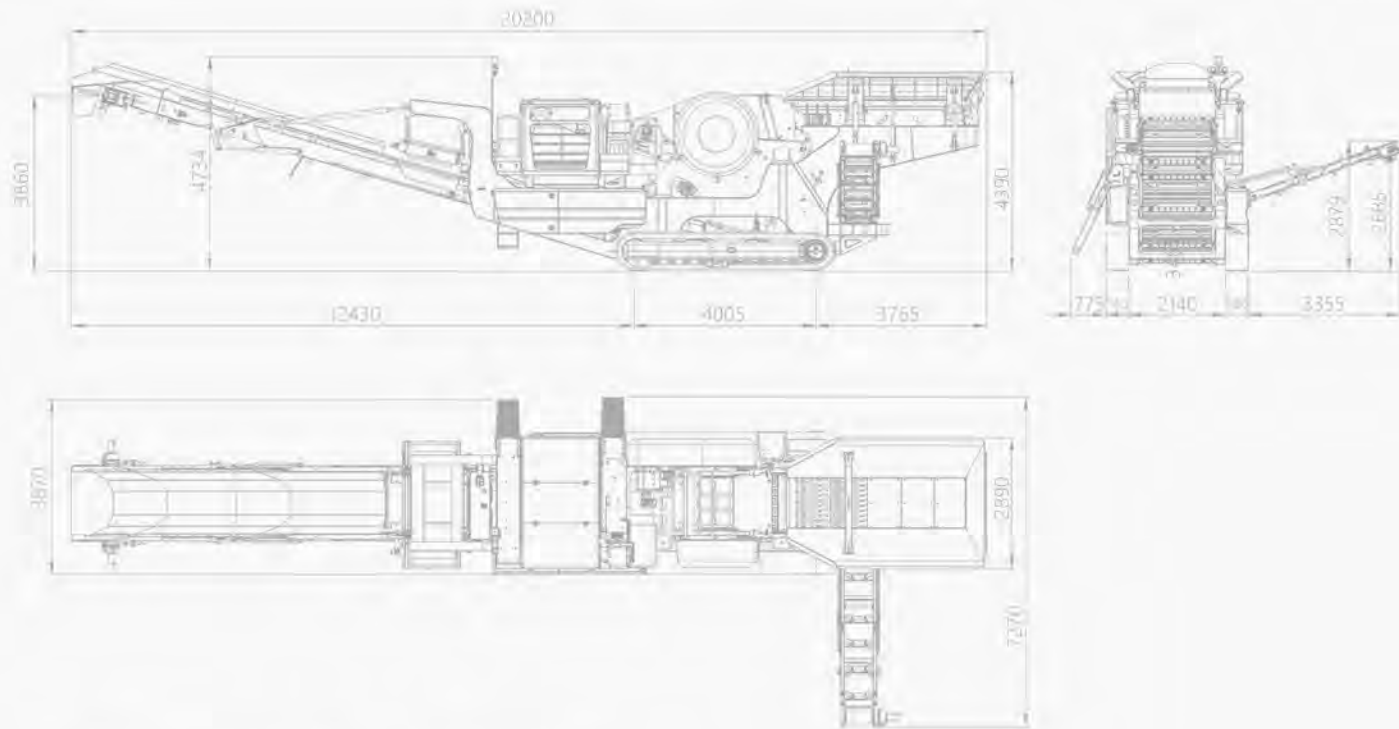
➤ **Parameters-TC116**

Weight		Jaw Crusher	
Weight(Kg)	60000	Model	C116
Transportation size		Inlet(mm)	1150×800
L×W×H(mm)	16411×3375×3788	CSS(mm)	70-200
Working size		Power(kW)	132
L×W×H(mm)	18070×7237×4668	Drive mode	Hydraulic
Diesel engine		Capacity(t/h)	170-600
Brand	Cummins	Hopper	
Power(kW)	316	Volume(m ³)	4.4
Emmission	GIII	Input height(mm)	4390
Fuel tank(L)	800	Input width(mm)	2660
Track		Magneic separator	
Width(mm)	500	Model	RCYQ-1300Permanent magnet type
C. D.(mm)	4005	Width(mm)	900
Walking speed(km/h)	1	Main conveyor	
Climing angle	11	Width(mm)	1200
Vibrating feeder		Discharge(mm)	3870
Model	ZSW1342	Side conveyor	
Specification	1255×4210	Width(mm)	500
Drive	Hydraulic	Discharge(mm)	2685

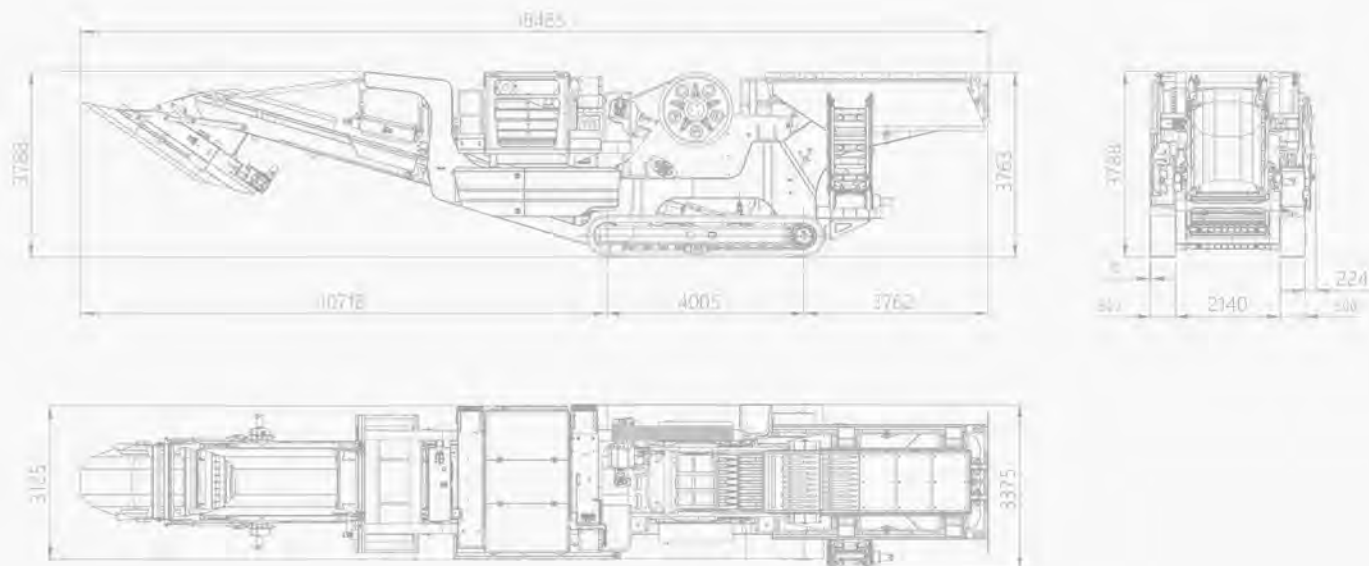
* Technical data are subject to change without notice

➤ **TC120**

Working dimension



Transportation dimension



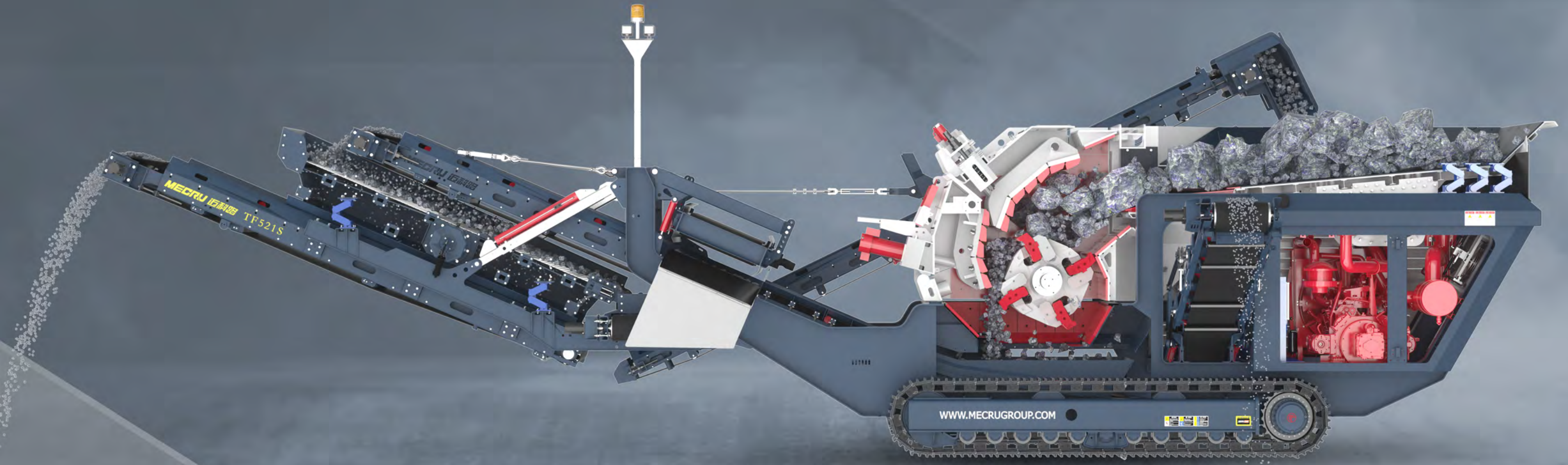
➤ **Parameters-TC120**

Weight		Jaw Crusher	
Weight(Kg)	65000	Model	C120
Transportation size		Inlet(mm)	1200×850
L×W×H(mm)	18485×3375×3788	CSS(mm)	70-200
Working size		Power(kW)	132
L×W×H(mm)	20200×7270×4734	Drive mode	Hydraulic
Diesel engine		Capacity(t/h)	170-600
Brand	Cummins	Hopper	
Power(kW)	316	Volume(m ³)	4.6
Emmission	GIII	Input height(mm)	4390
Fuel tank(L)	800	Input width(mm)	2700
Track		Magneic separator	
Width(mm)	500	Model	RCYQ-1500Permanent magnet type
C. D.(mm)	4005	Width(mm)	1000
Walking speed(km/h)	1	Main conveyor	
Climing angle	11	Width(mm)	1400
Vibrating feeder		Discharge(mm)	3860
Model	ZSW1342	Side conveyor	
Specification	1255×4210	Width(mm)	500
Drive	Hydraulic	Discharge(mm)	2685

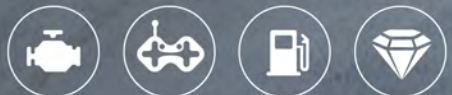
* Technical data subject to change without prior notice.

CRAWLER MOBILE IMPACT CRUSHER





A multi-purpose machine compact and powerful

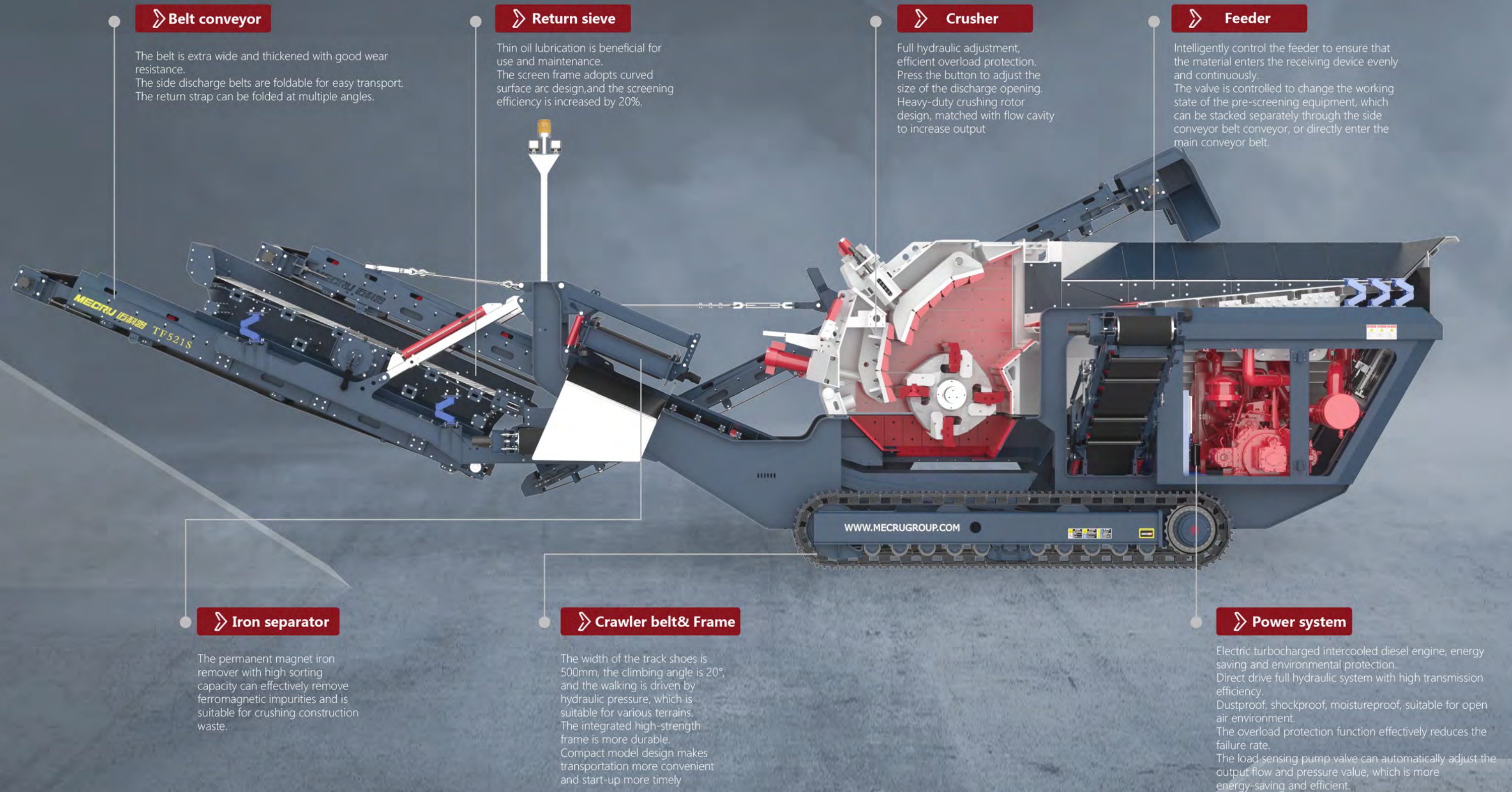


Mecru crawler impact crushing equipment is suitable for reprocessing of medium-hard natural stone and construction waste. The equipment is equipped with the C-series impact crusher with international cutting-edge technology, which not only has the advantages of high crushing output, low cost, high versatility, and adjustable particle size of the finished product; High standard requirements for aggregates. The equipment can be equipped with a vibrating screen to realize the crushing and screening of materials in one stop. It can also be combined with other equipment to complete the crushing and screening of materials flexibly and efficiently.

Compact Mobile Crusher —Ideal for first step into the Crushing industry

Low noise, low emission, low fuel consumption





➤ Belt conveyor

The belt is extra wide and thickened with good wear resistance. The side discharge belts are foldable for easy transport. The return strap can be folded at multiple angles.

➤ Return sieve

Thin oil lubrication is beneficial for use and maintenance. The screen frame adopts curved surface arc design, and the screening efficiency is increased by 20%.

➤ Crusher

Full hydraulic adjustment, efficient overload protection. Press the button to adjust the size of the discharge opening. Heavy-duty crushing rotor design, matched with flow cavity to increase output.

➤ Feeder

Intelligently control the feeder to ensure that the material enters the receiving device evenly and continuously. The valve is controlled to change the working state of the pre-screening equipment, which can be stacked separately through the side conveyor belt conveyor, or directly enter the main conveyor belt.

➤ Iron separator

The permanent magnet iron remover with high sorting capacity can effectively remove ferromagnetic impurities and is suitable for crushing construction waste.

➤ Crawler belt & Frame

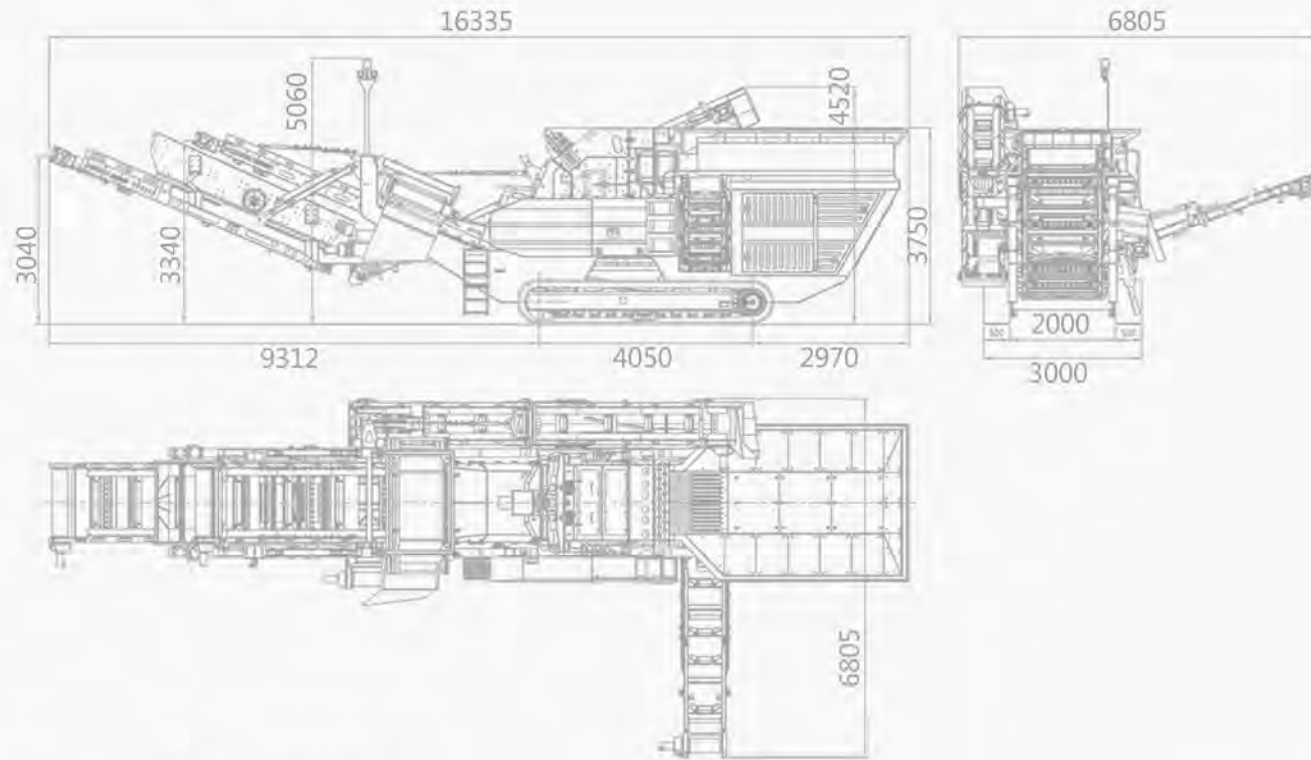
The width of the track shoes is 500mm, the climbing angle is 20°, and the walking is driven by hydraulic pressure, which is suitable for various terrains. The integrated high-strength frame is more durable. Compact model design makes transportation more convenient and start-up more timely.

➤ Power system

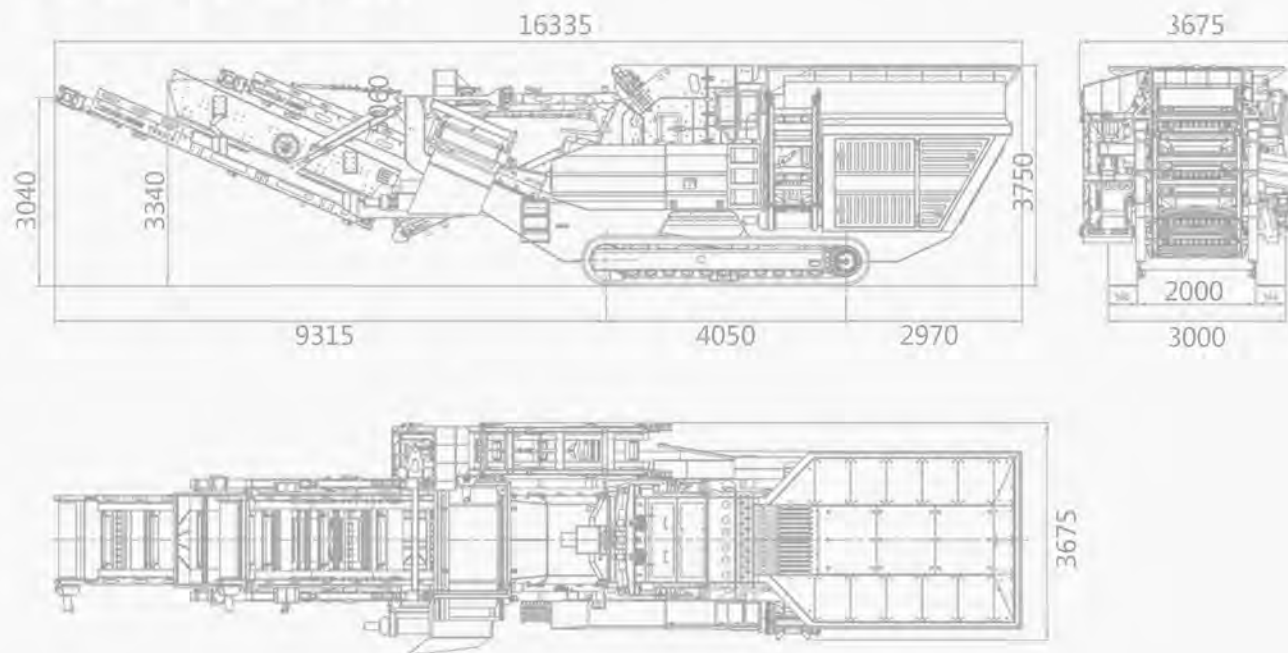
Electric turbocharged intercooled diesel engine, energy saving and environmental protection. Direct drive full hydraulic system with high transmission efficiency. Dustproof, shockproof, moistureproof, suitable for open air environment. The overload protection function effectively reduces the failure rate. The load sensing pump valve can automatically adjust the output flow and pressure value, which is more energy-saving and efficient.

➤ TF521

Working state



State of transport



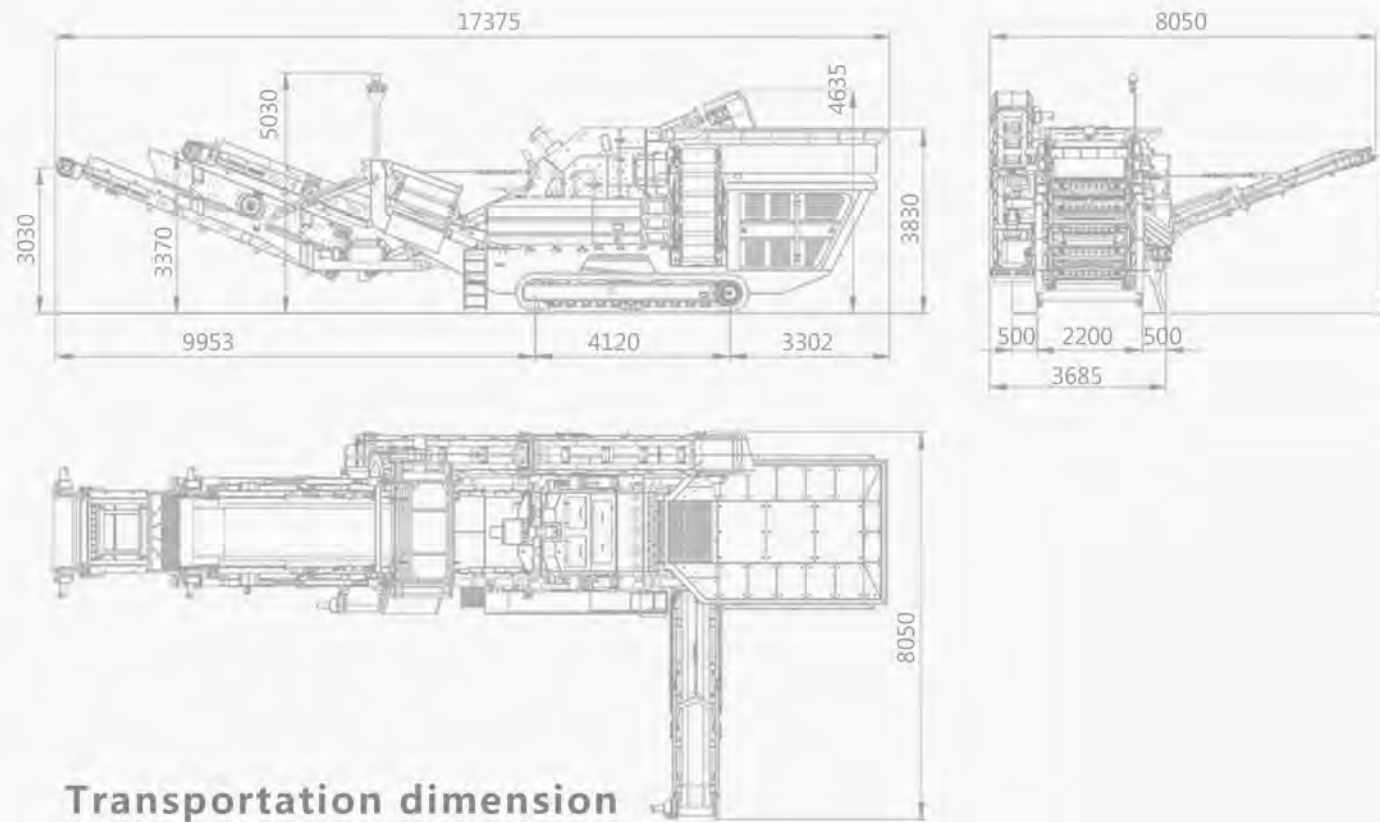
➤ Parameters-TF521

Weight		Crusher	
Weight(Kg)	60000	Model	C1521
Transportation size		Inlet(mm)	1380×1000
L×W×H(mm)	16335×3675×3750	Rotor size(mm)	1150×1330
Working size		Power(kW)	220
L×W×H(mm)	16335×6805×5060	Drive mode	Hydraulic
Diesel engine		Capacity(t/h)	200-300
Brand	Cummins	Hopper	
Power(kW)	415	Volume(m ³)	5
Emmission	GIII	Input height(mm)	3750
Fuel tank(L)	800	Input width(mm)	2700
Track		Magneic separator	
Width(mm)	500	Model	Permanent magnet iron remover
C. D.(mm)	4050	Width(mm)	900
Walking speed(km/h)	1	Main conveyor	
Climing angle	20	Width(mm)	1200
Vibrating feeder		Discharge(mm)	3340
Model	ZSW1242	Side conveyor	
Specification	1200×4200	Width(mm)	500
Drive	Hydraulic	Discharge(mm)	2525

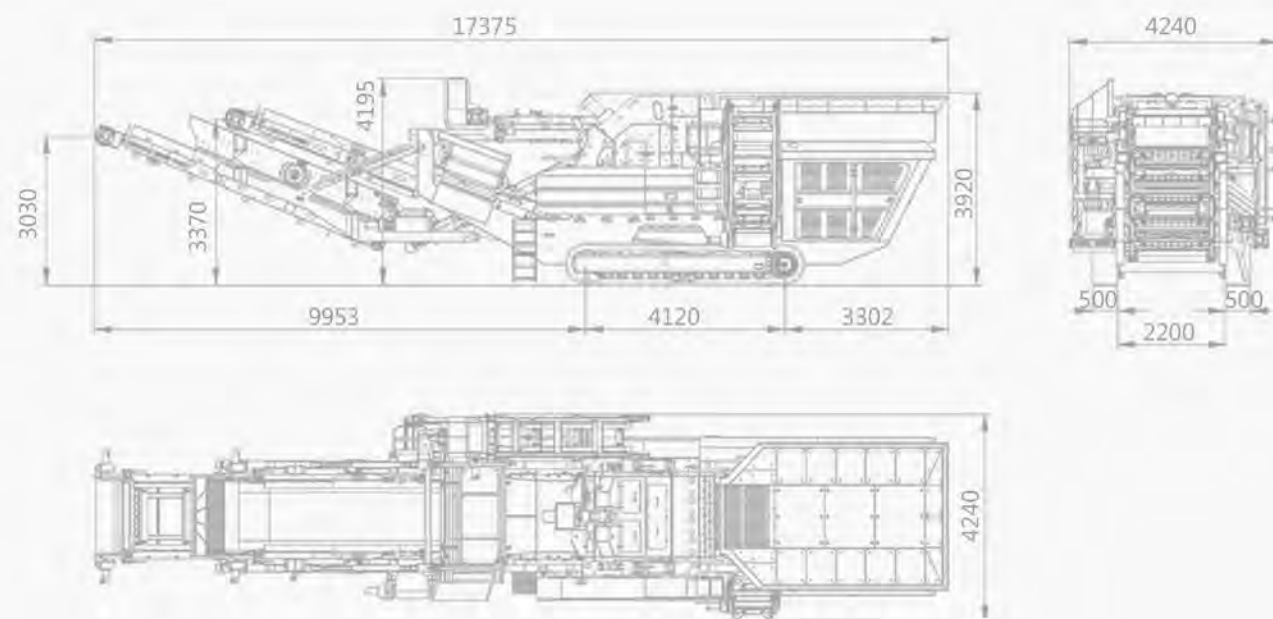
* Technical data subject to change without prior notice.

» TF531

Working dimension



Transportation dimension



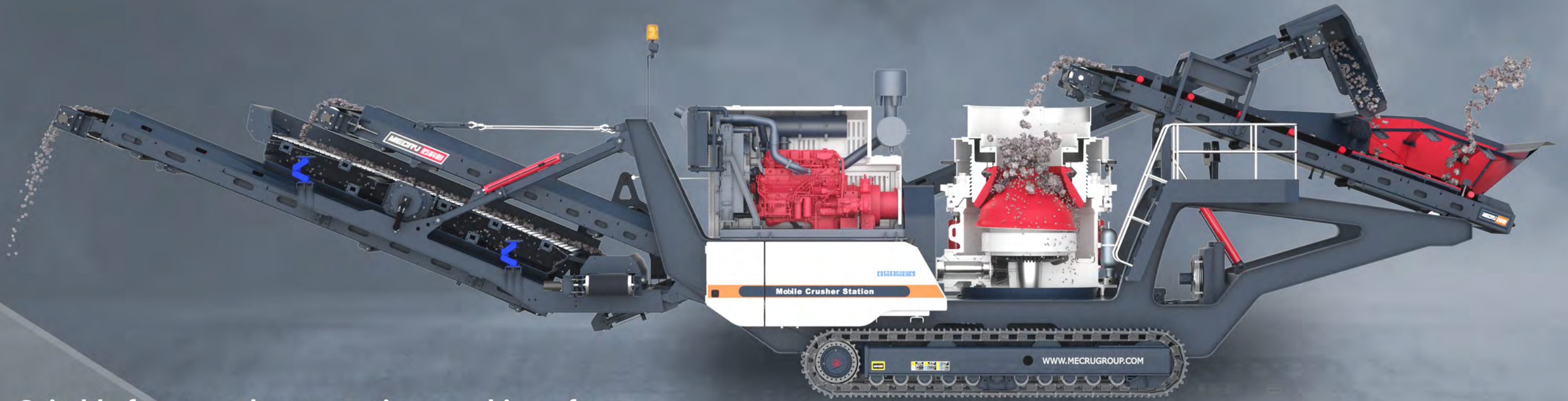
» Parameters-TF531

Weight		Crusher	
Weight(Kg)	72000	Model	C1531
Transportation size		Inlet(mm)	1570×1050
L×W×H(mm)	17375×4240×3920	Rotor size(mm)	1310×1520
Working size		Power(kW)	315
L×W×H(mm)	17375×8050×5030	Drive mode	Hydraulic
Diesel engine		Capacity(t/h)	300-500
Brand	Cummins	Hopper	
Power(kW)	447	Volume(m ³)	5.88
Emmission	GIII	Input height(mm)	3830
Fuel tank(L)	925	Input width(mm)	2770
Track		Magneic separator	
Width(mm)	500	Model	Permanent magnet iron remover
C. D.(mm)	4050	Width(mm)	1000
Walking speed(km/h)	1	Main conveyor	
Climing angle	20	Width(mm)	1400
Vibrating feeder		Discharge(mm)	3370
Model	ZSW1344	Side conveyor	
Specification	1275×4440	Width(mm)	650
Drive	Hydraulic	Discharge(mm)	3280

※Technical data subject to change without prior notice

CRAWLER CONE CRUSHER





Suitable for secondary or tertiary crushing of ores and rocks with hard or medium hardness

**Strong and reliable
high efficiency and
energy saving >>>>>**



Mecru crawler cone crushing equipment is suitable for the crushing and processing of medium to high hardness and high abrasive natural stone and mineral materials. The equipment integrates mechanical, hydraulic, electrical, automation and other technologies, and has many advantages such as high crushing efficiency, low production cost, convenient maintenance and adjustment, and excellent particle shape of crushed products. It is mainly used in the second-stage crushing and third-stage crushing links in metal mines and construction sandstone processing. The equipment is not afraid of narrow terrain and harsh environments. It is a new generation of products in today's mining construction industry and metal mining industry.

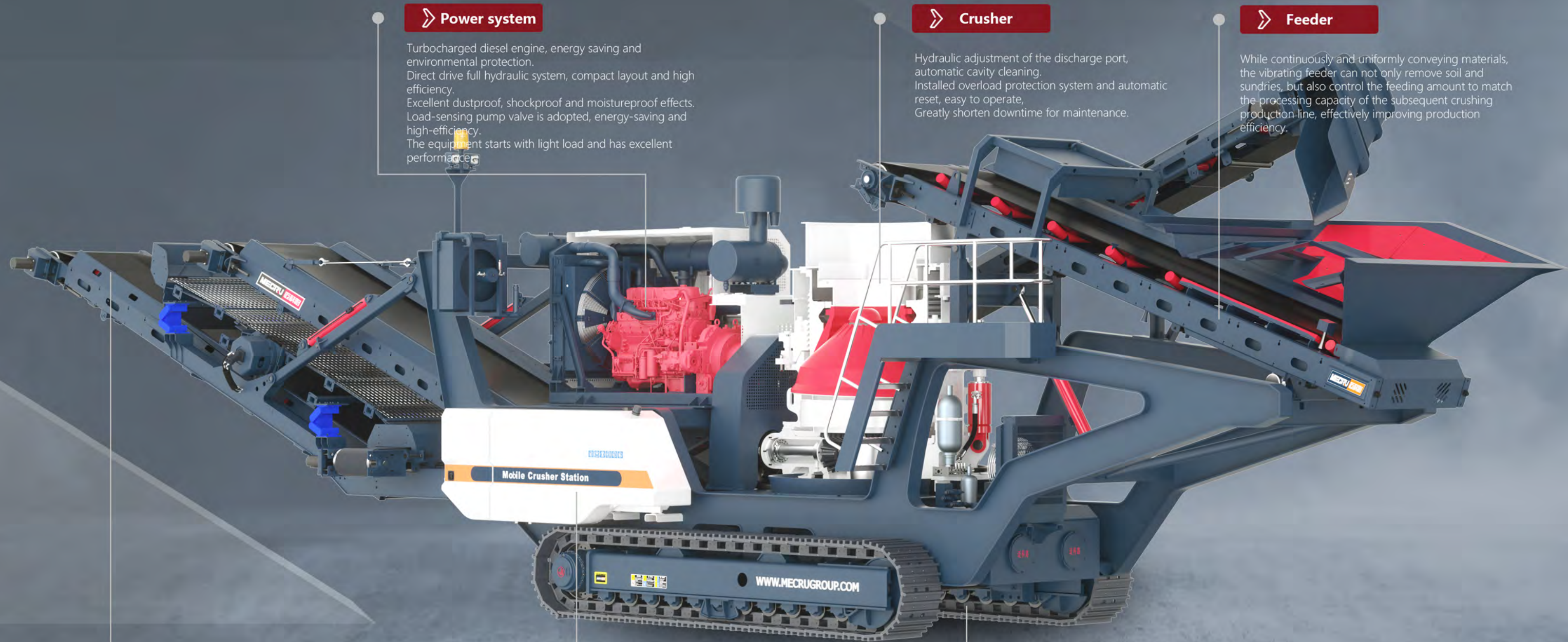
**Specialized in
hard rock**

**Excellent grain shape
and high efficiency**

High quality machine

**High automation
control**

**Easy maintenance and
adjustment**



➤ Power system

Turbocharged diesel engine, energy saving and environmental protection.
 Direct drive full hydraulic system, compact layout and high efficiency.
 Excellent dustproof, shockproof and moistureproof effects.
 Load-sensing pump valve is adopted, energy-saving and high-efficiency.
 The equipment starts with light load and has excellent performance.

➤ Crusher

Hydraulic adjustment of the discharge port, automatic cavity cleaning.
 Installed overload protection system and automatic reset, easy to operate,
 Greatly shorten downtime for maintenance.

➤ Feeder

While continuously and uniformly conveying materials, the vibrating feeder can not only remove soil and sundries, but also control the feeding amount to match the processing capacity of the subsequent crushing production line, effectively improving production efficiency.

➤ Belt conveyor

All belts are made of thickened material, which is wear-resistant and durable.
 And it can be hydraulically folded/extended for easy transportation.
 Ability to quickly switch between working and shipping states.

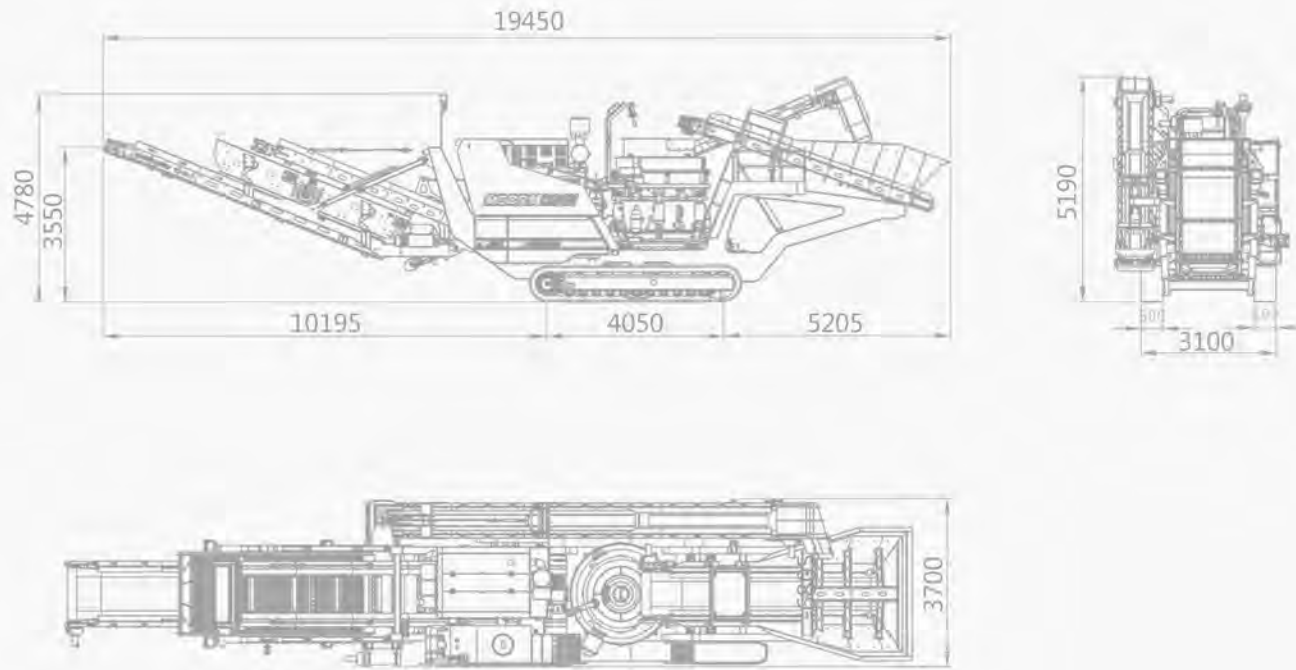
➤ Control System

The centralized control system can adjust the running speed through the liquid crystal display operating system, and the operation is simple and precise.
 The output of finished materials can be measured through sensors, which helps the equipment production capacity to be digitalized and intelligent.

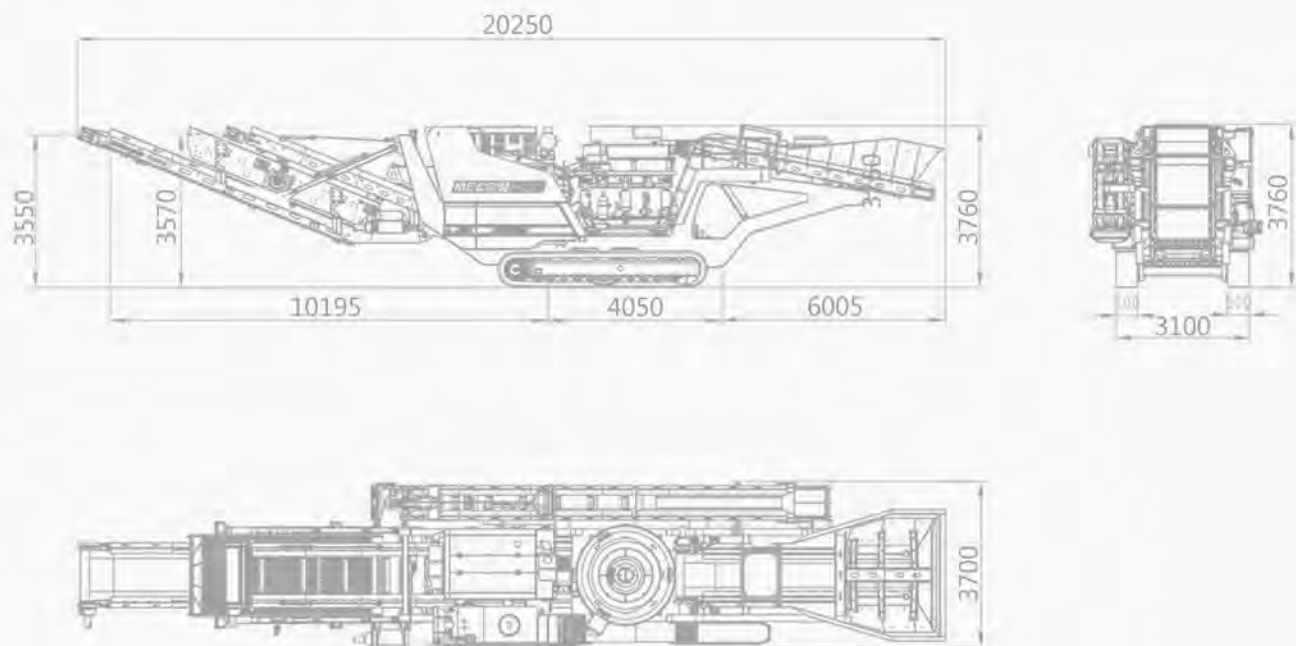
➤ Tracks & Frames

Hydraulically driven walking, strong power, adaptable to various terrains.
 The integrated high-strength frame makes the whole machine more durable.
 Compact model design, convenient transportation, ready to start in short time

Working Dimension



Transportation Dimension



Parameters

Weight		Crusher	
Weight(Kg)	60000	Moving cone diameter(mm)	1320
Transportation size		Maximum feeding size(mm)	300
L×W×H(mm)	20250×3700×3760	Weight(kg)	23500
Working size		Power(kW)	280
L×W×H(mm)	19450×3700×5190	Drive mode	Hydraulic
Diesel engine		Maximum processing capacity(t/h)	400
Brand	Cummins	Vibrating screen	
Power(kW)	415	Type	Circular Vibrating Screen
Emmission	GIII	Sieve Size (mm)	1800×4100
Fuel tank(L)	900	Main belt conveyor	
Track		Width(mm)	1200
Width(mm)	500	Drop height(mm)	3570
C. D.(mm)	2600	Under Screener Conveyor	
Walking speed(km/h)	1	Width(mm)	1200
Climing angle	15	Drop height(mm)	3550
Feed belt conveyor		Return belt conveyor	
Hopper volume(m ³)	4	Width(mm)	500
Loading height(mm)	3050-3250	Drop height(mm)	4660
Width(mm)	1000		

Technical data subject to change without prior notice

CRAWLER SCREENING STATION





Optional vibrating screen,
further improve screening efficiency

**Superior screening
scheme** >>>>



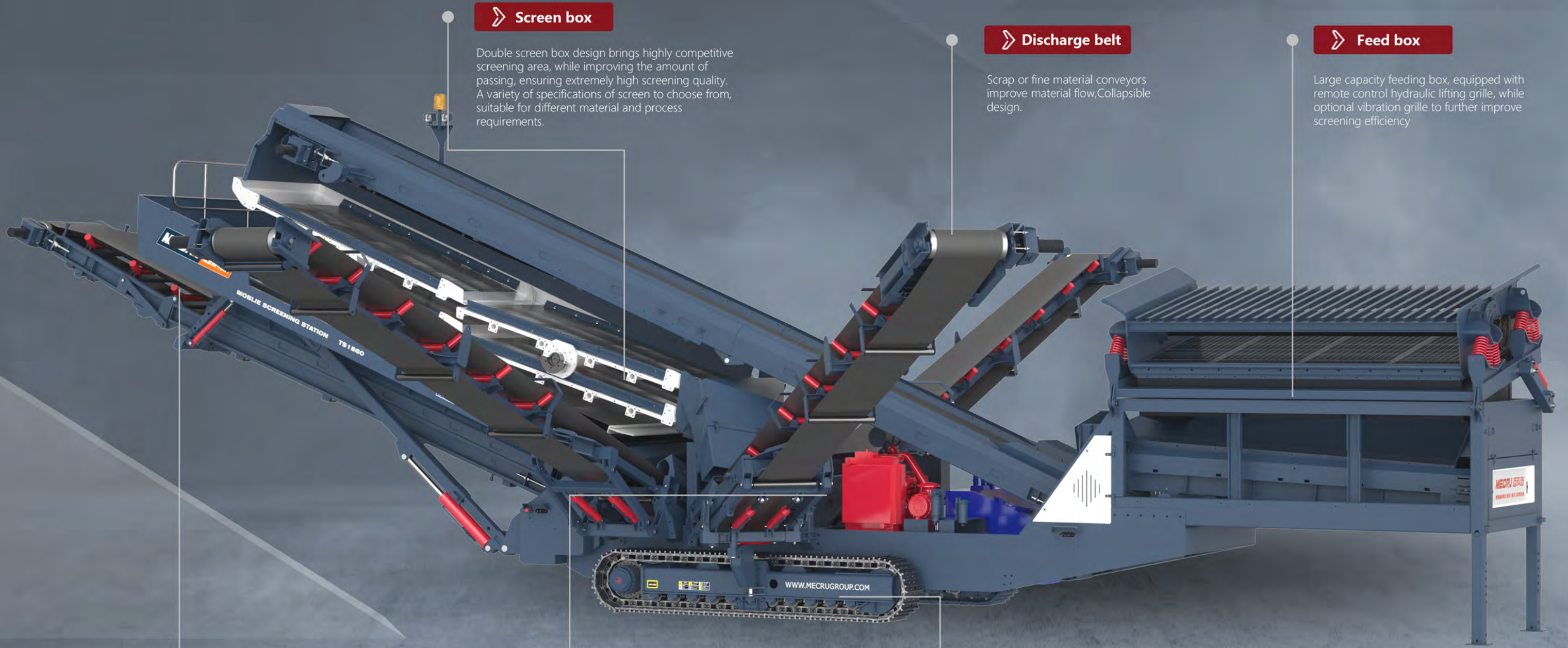
The crawler mobile screening station TS113 adopts the industry-leading double screen box technology, using two independent high-speed screen boxes to achieve higher throughput and higher screening efficiency. This technology connects two independent complete screen boxes in series front and back, and at the same time ensures that the screening angle of the two screen boxes can be adjusted. Compared with the traditional single screen box, it significantly improves the processing capacity, maneuverability and screening efficiency of the screening machine. For a variety of materials, it provides unparalleled screening experience and capabilities.

**Double screen
box design**

**4.5m high belt
provides**

**High automation
control**

**Optional
vibrating screen**



➤ **Screen box**

Double screen box design brings highly competitive screening area, while improving the amount of passing, ensuring extremely high screening quality. A variety of specifications of screen to choose from, suitable for different material and process requirements.

➤ **Discharge belt**

Scrap or fine material conveyors improve material flow, Collapsible design.

➤ **Feed box**

Large capacity feeding box, equipped with remote control hydraulic lifting grille, while optional vibration grille to further improve screening efficiency

➤ **Belt conveyor**

Extra wide discharging belt, with rubber side girth, maximize discharging height, conducive to stacking. All belts are made of thickened material, wear-resistant and durable. And can be hydraulically folded/extended for easy transportation.

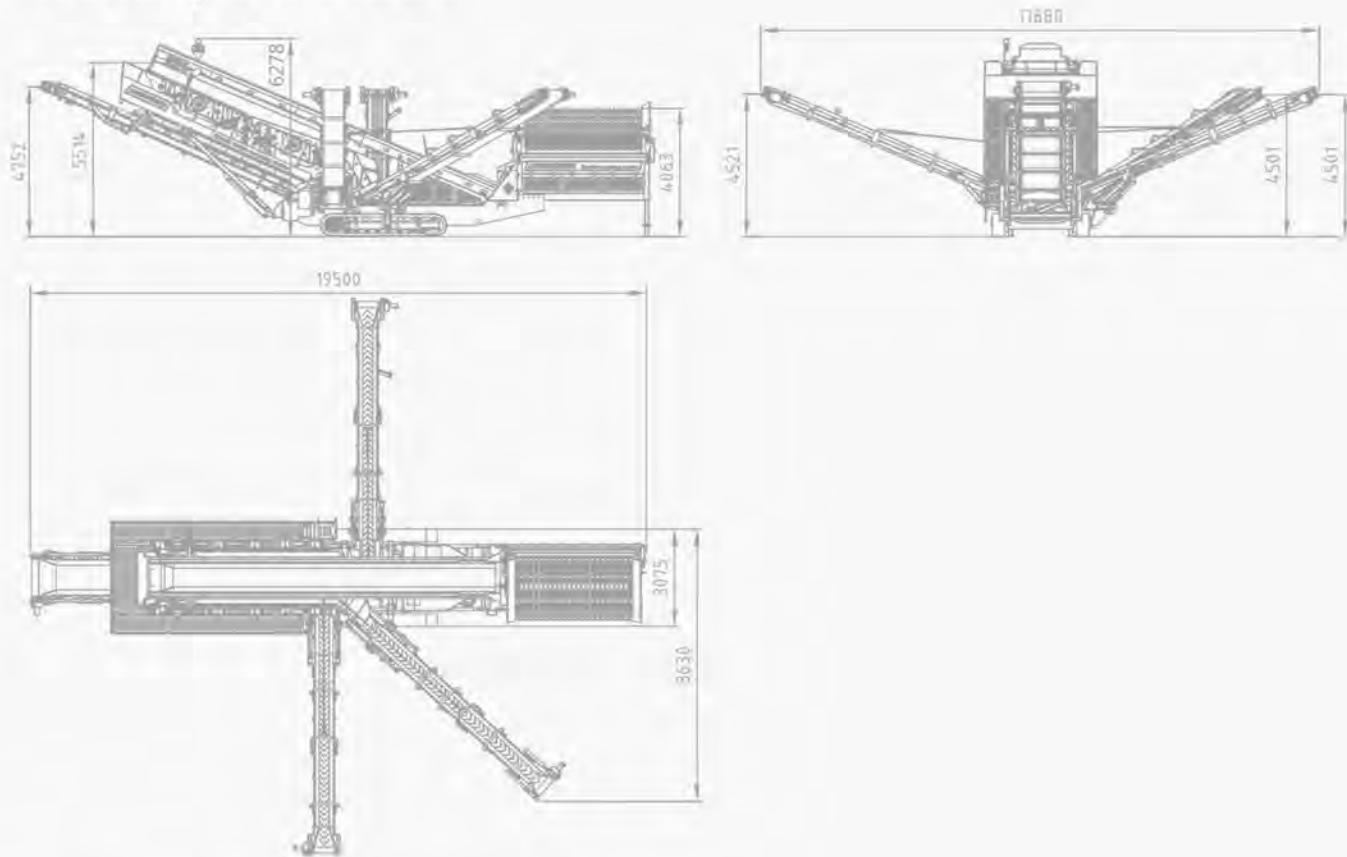
➤ **Dynamic system**

Cummins diesel engine, global protection, low energy consumption, strong power, at the same time with 264 liters of large capacity diesel tank, lasting endurance.

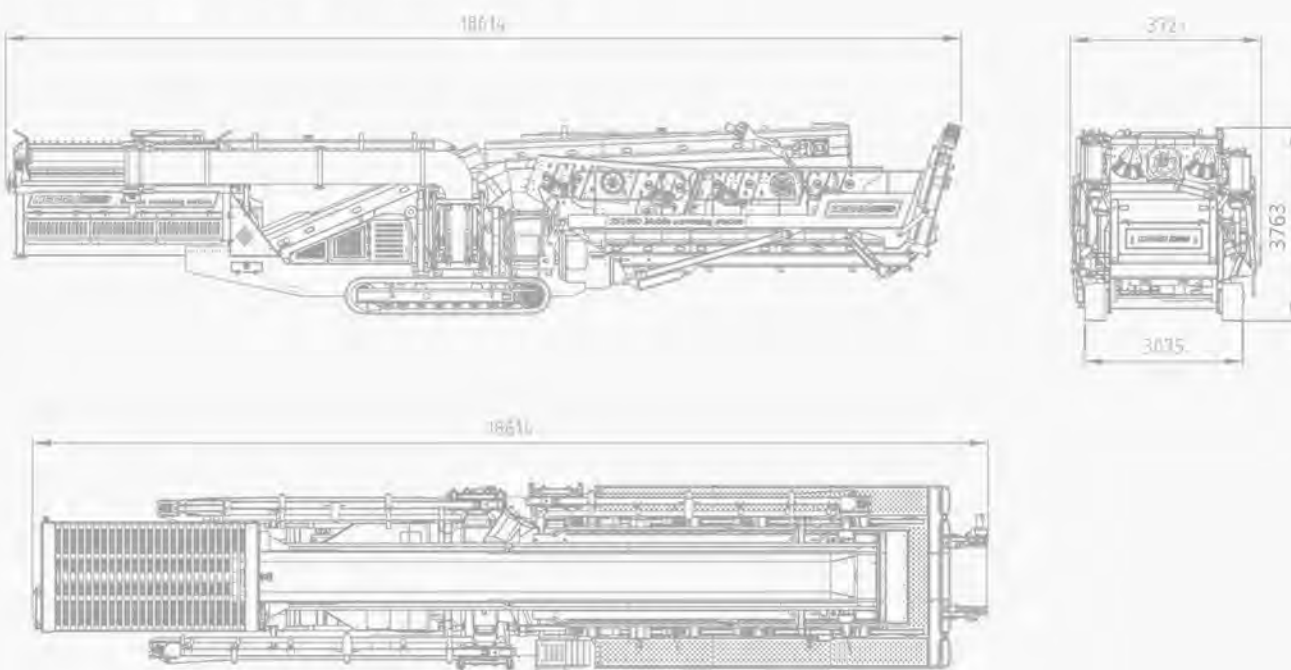
➤ **Track & frame**

Hydraulic drive walking, strong power, adapt to a variety of terrain. Integrated high strength frame makes the whole machine more durable. Compact model design, convenient transportation, short time. Inside can be in place to start.

Working Dimension



Transportation Dimension



Parameters

Weight		Pre-screen	
Weight(Kg)	38000	type	Double layer round sieve
Transportation size		Width x Length(mm)	3700×2100
L×W×H(mm)	18614×3721×3763	Double screen box screen	
Working size		type	Two layers of round sieve
L×W×H(mm)	19500×17680×6278	Width x Length (mm)	1800×6000
Diesel engine		Feeding belt conveyor	
Brand	Cummins	Width(mm)	1000
Power(kW)	119	Discharge height(mm)	1709
Emmission	GIII	Belt conveyor on sieve	
Fuel tank(L)	264	Width(mm)	1000
Track		Discharge height(mm)	5514
Width(mm)	400	Screen one/three belt	
C. D.(mm)	3294	Width(mm)	650
Walking speed(km/h)	1	Discharge height(mm)	4501
hopper		Second sieve belt conveyor	
Feed height (mm)	4603	Width(mm)	650
Hopper width(mm)	4120	Discharge height(mm)	4521
Volume (m ³)	3.4	Screen belt conveyor	
Strain sieve box		type	Single layer onion sieve
type	Single layer onion sieve	Width(mm)	1200
Width* Length(mm)	3900×2100	Discharge height(mm)	4752

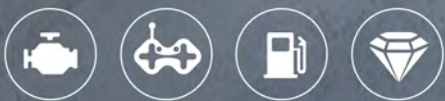
※ This product is continuously improved with technological progress, and the difference between the parameters and structural characteristics listed above and the actual product is subject to the actual product.

CRAWLER MOBILE HEAVY SCREENING STATION





**Stable performance
Easy operation >>>>**



The crawler mobile scalper is a crawler mobile heavy-duty screening equipment that can be used as a first-line screening alone or combined with the primary crushing station. The scope of application includes quarries, mines, construction waste treatment, surface soil treatment, material recycling, gravel screening, coal mine and aggregate screening. It can be directly fed by excavators. It is a stable, firm, super large throughput Quantitative high-efficiency design.

Ultra-large throughput, high-efficiency design

High intelligence integration

Strong dust resistance

Super large hopper design

Stable performance



➤ **Belt conveyor**

Wide, strong main belt with adjustable discharge height. And it can be hydraulically folded/extended for easy transportation. Ability to quickly switch between working and shipping states.

➤ **Main screen**

The high-performance screen box can be equipped with a variety of meshes. High screening efficiency, the mesh hole sizes is adjustable according to the customer's requirements with efficient changing.

➤ **Feeding device**

Super large hopper, full load operation. Chain plate conveying, more stable and safe.

➤ **Extra Heavy Rack**

Heavy-duty frame structure design, low-alloy high-strength structural steel, very high safety and stability. Compact model design, convenient transportation, ready to start in a short time.

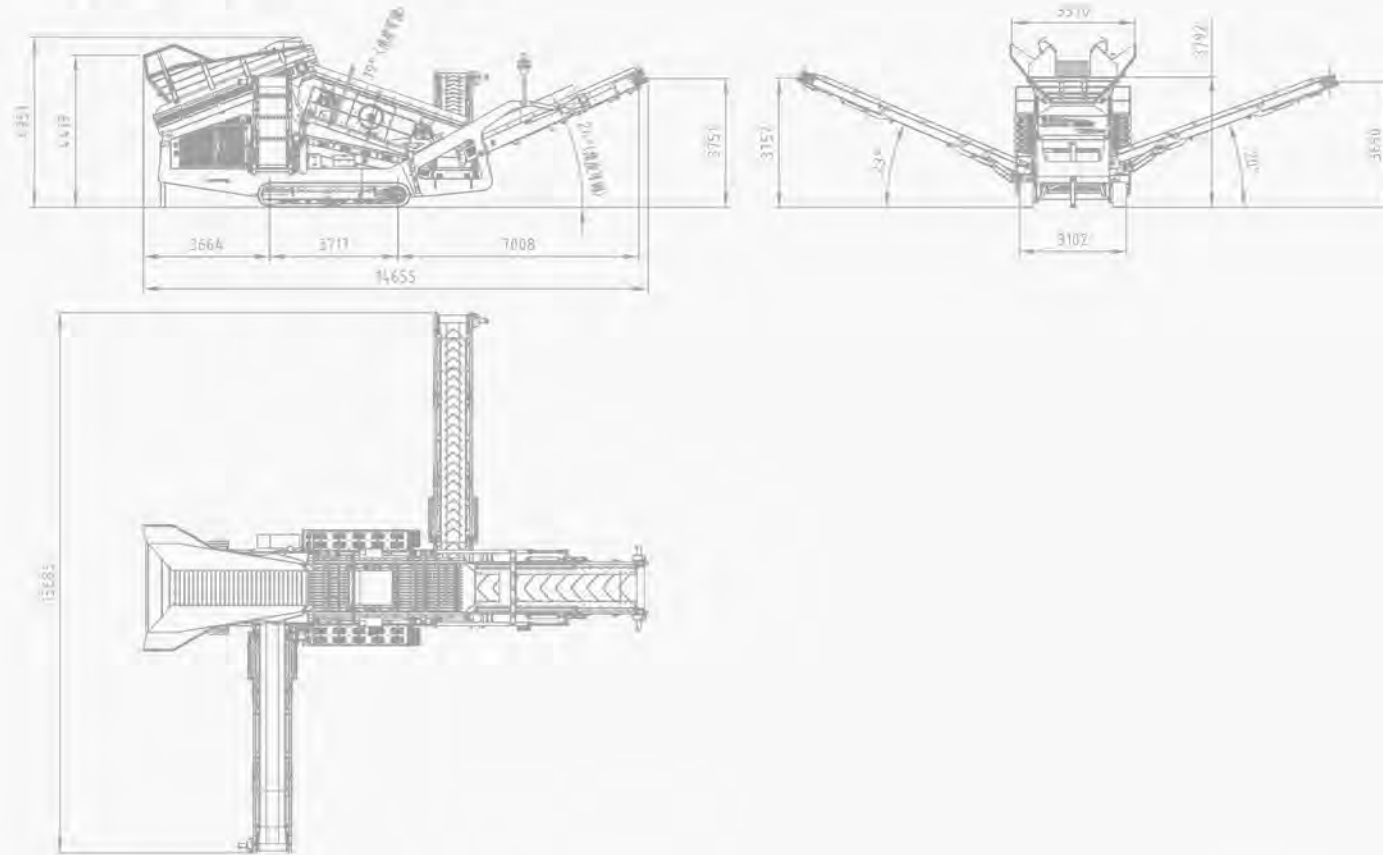
➤ **Track**

Chain plate splicing, high wear resistance, hydraulic drive, strong power, adaptable to various terrains.

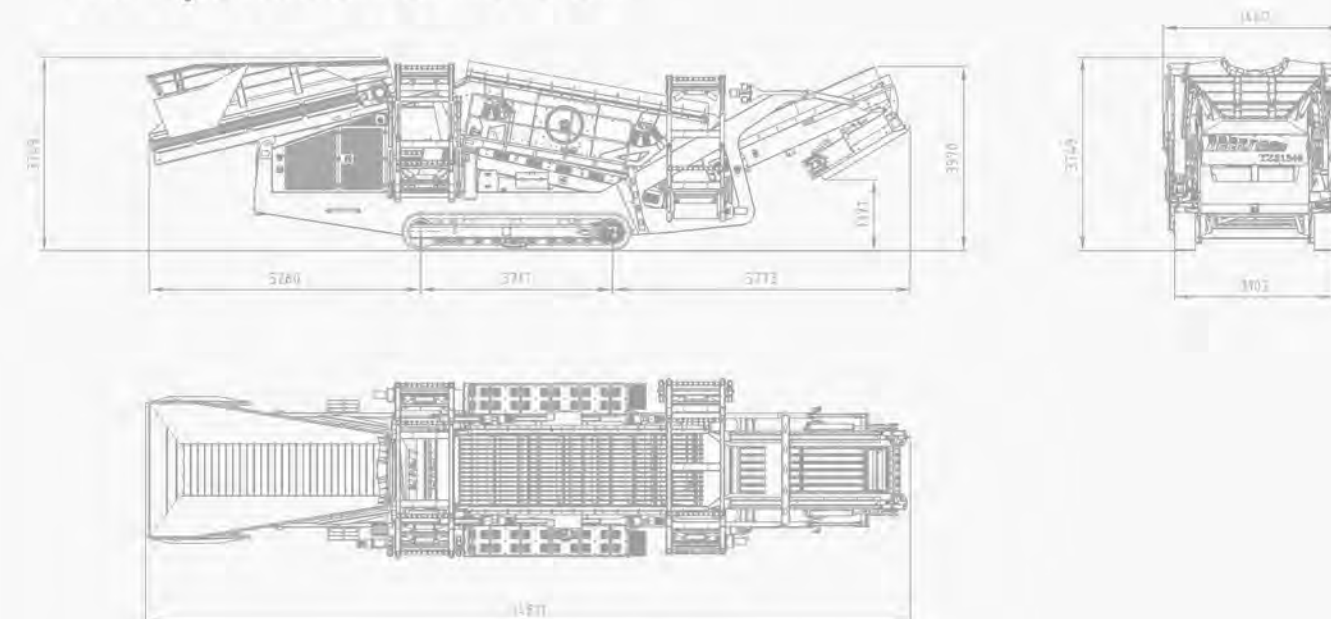
➤ **power system**

Dongfeng Cummins diesel engine, energy saving and environmental protection. Direct drive full hydraulic system, compact layout and high efficiency. Excellent dustproof, shockproof and moistureproof effects. Load-sensing pump valve is adopted, energy-saving and high-efficiency. The equipment starts with light load and has excellent performance.

Working Dimension



Transportation Dimension



Parameters

Weight		Plate and chain feeder	
Weight(Kg)	36000	Unloading height(mm)	4056
Transportation size		Width x Length(mm)	1000×3800
L×W×H(mm)	14811×3480×3749	Prescreening screen	
Working size		Type	双层重型圆筛
L×W×H(mm)	14655×15686×4951	Width(mm)	1500×4800
Diesel engine		Main belt conveyor	
Brand	Cummins	Width(mm)	1200
Power(kW)	154	Unloading height(mm)	3751
Emmission	GIII	Medium and fine material belt conveyor	
Fuel tank(L)	800	Width(mm)	800
Track		Unloading height(mm)	3757
Width(mm)	400	Fine material belt conveyor	
C. D.(mm)	3717	Width(mm)	800
Walking speed(km/h)	1	Unloading height(mm)	3650
hopper		Lower belt screening machine	
Feed height(mm)	3792	Width(mm)	1200
Hopper width(mm)	3570	Unloading height(mm)	1823
Volume(m ³)	7		

※ Technical data subject to change without prior notice.

Tailor-made production line plan

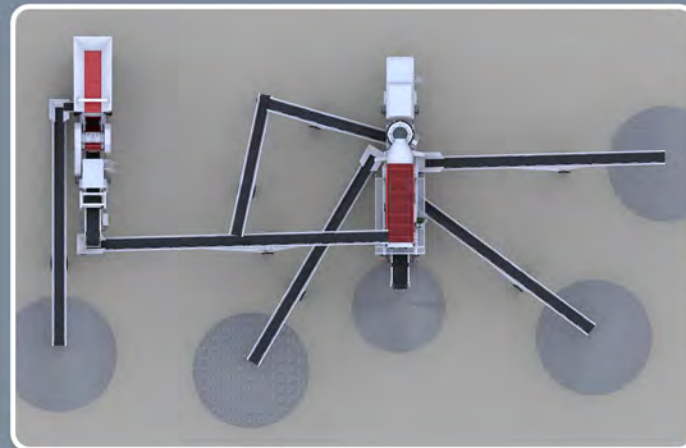
According to customer demand, stand in the customer's point of view, customer benefit as the starting point, tailor-made production line scheme

50+ R&d personnel

100+ Technical team

20+ Elite consultant

20+ Project manager



Environmental protection

Scientific intelligence

Flexible and convenient

Low consumption and energy







