

**EXCI HENAN EXCELLENT MACHINERY CO.,LTD**



Henan Province,China

# ENTERPRISE PROFILE

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Henan Excellent Machinery Co.,Ltd (hereinafter referred as EXCT)is committed to the EPC project of bulk material feeding,crushing,screening,conveying systems, including design, manufacturing,installation,commissioning,training and spare parts service,etc.



EXCT is located the Xinxiang Economic and Technological Development Zone, covers an area of 260 acres, with a construction area of 109,000 square meters. There are 490 employees,among them,there are 3 industry experts, 80 senior technicians and total assets of 438 million yuan.



We know that quality is the foundation of long-term survival and sustainable management of enterprises. Thousands of production and test equipment, including Laser Cutting Machine,Five-axis Gantry Machining-center,CNC Boring And Milling Machining Center,Gantry Machining Center,Vertical Machining Center,shotblasting Machine,Spray Booth,Exciter test bench and other advanced equipment, reinforces our core competitiveness.



# ENTERPRISE CERTIFICATES

Our company has a scientific quality management system and advanced product quality testing means, and we are the first in the industry to pass ISO9001 quality management system certification, ISO14001 environmental management system certification to promote environmental protection, ISO18001 occupational health and safety certification to ensure the health and safety of employees at work.



✓ ISO9001:2015



✓ ISO45001:2018



✓ ISO14001:2015

# 80+

Our company has more than 80 national invention patents and utility model patents, and has passed provincial and ministerial level scientific and technological achievement appraisals. It has won many national, provincial and ministerial level science and technology awards. The performance indicators of core products have reached domestic and international leading levels.

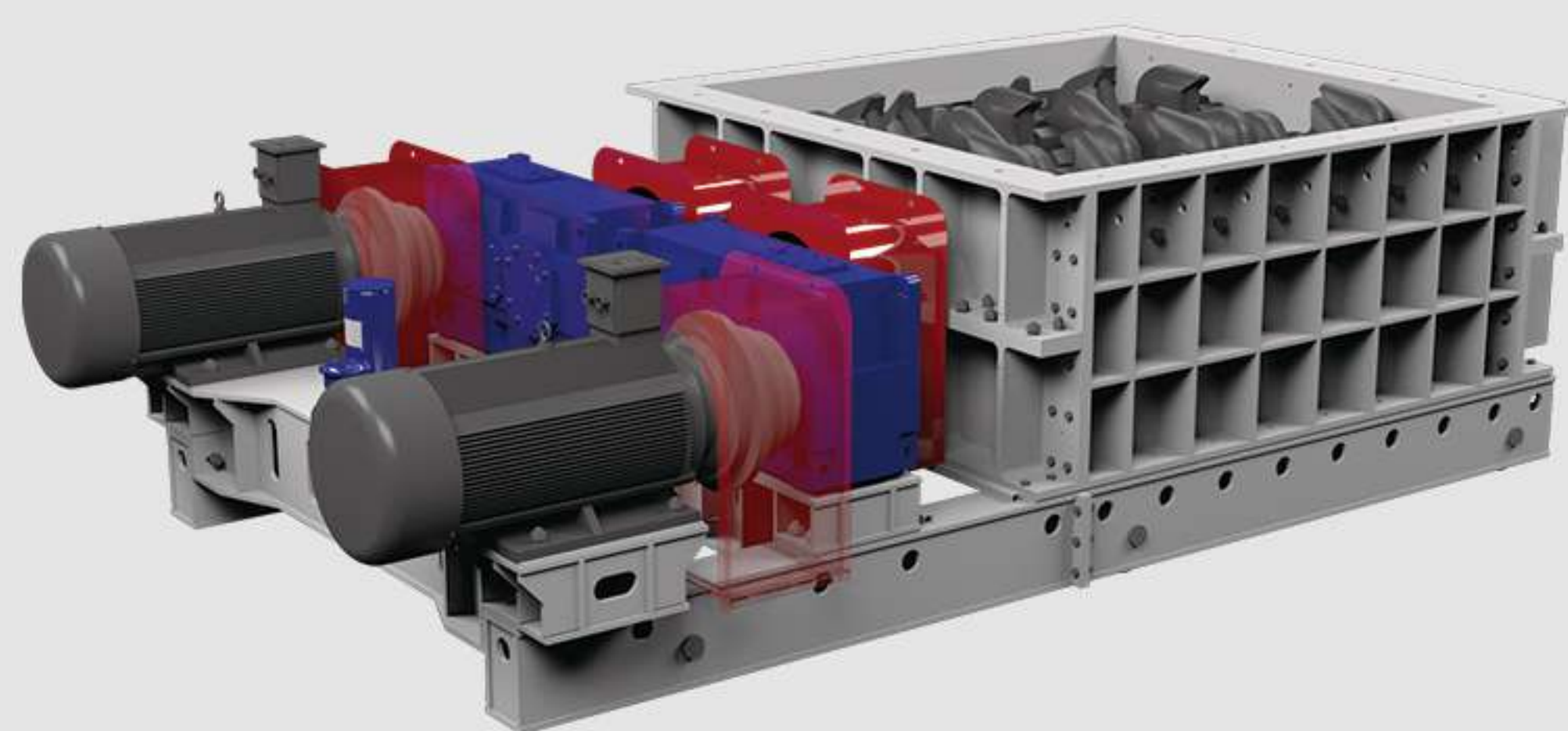


# ENTERPRISE BUSINESS SCOPE

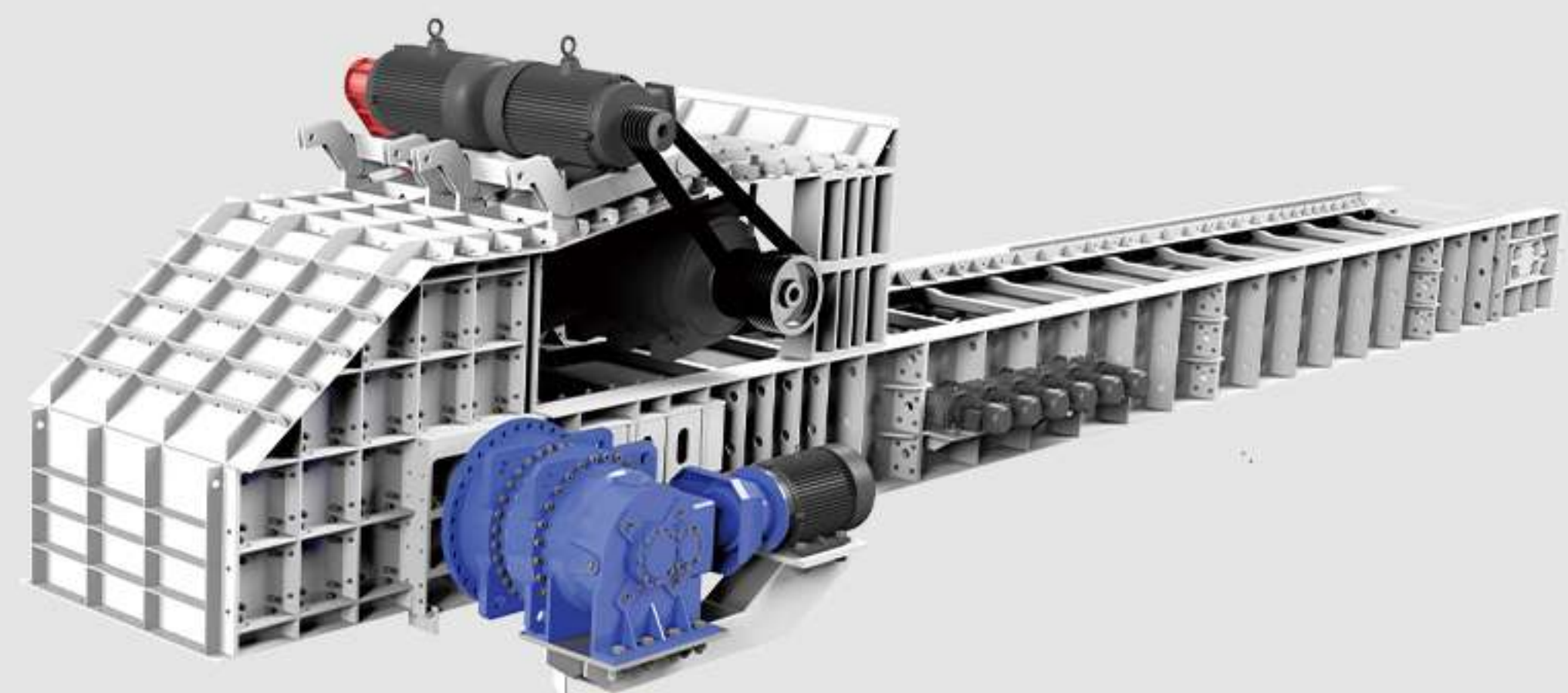
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EXCT not only independently developed Feeder Breaker, Mineral Sizer, Roller Screen, Banana Screen, Apron Feeder and other high value-added feeding, crushing, screening, conveying products, but also according to the needs of end-user to provide open pit mining integrated solutions.

## Main Core Products



Mineral Sizer



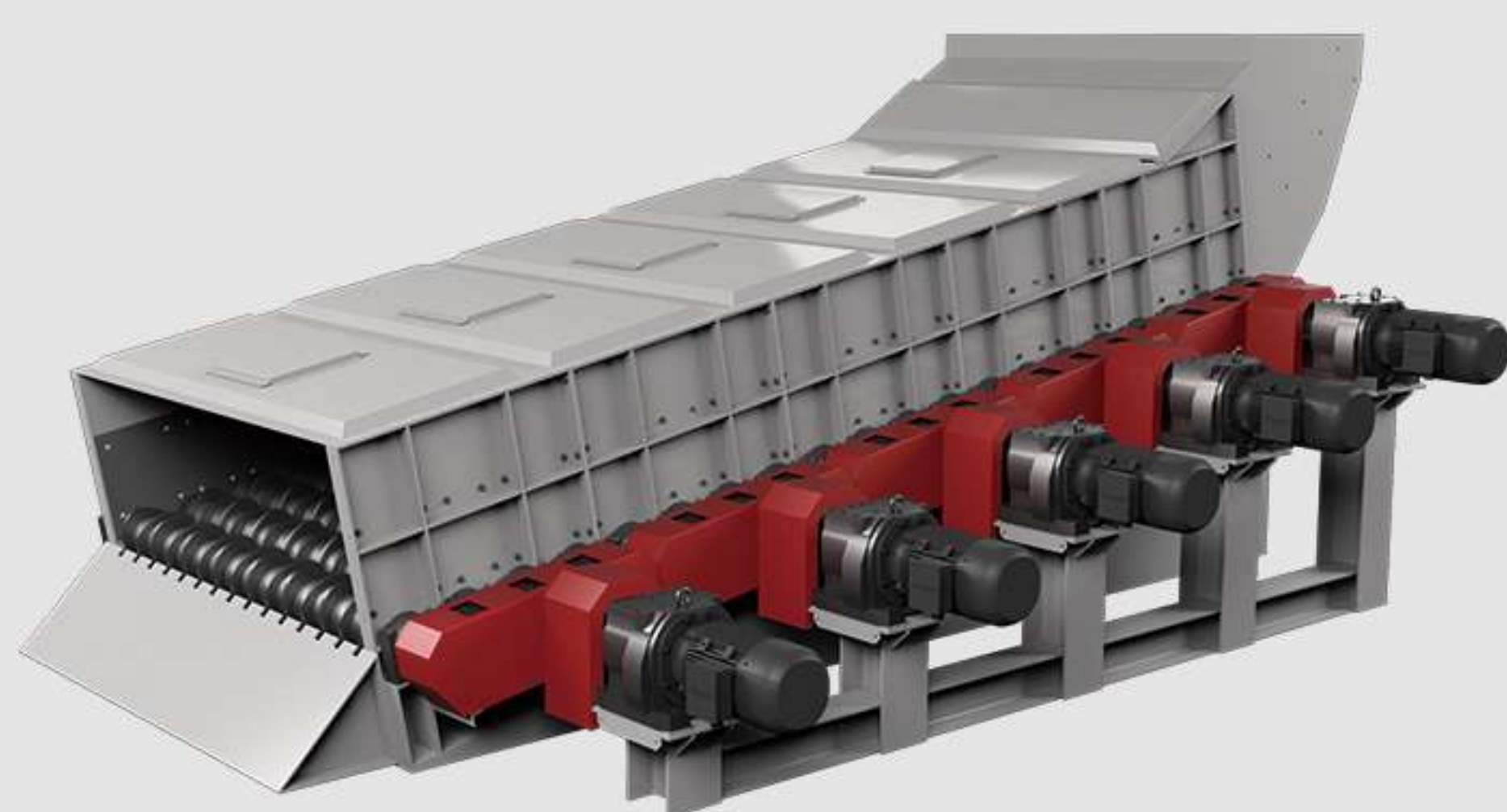
Feeder Breaker



Apron Feeder



Banana Screen



Roller Screen



Belt Conveyor

# Continuous Crushing Station

We provide one-stop open pit mine integrated stations solutions from design, manufacture, deliver, install to commission, realizing the functions of feeding, crushing, screening, conveying, storing of various open-pit minerals.



1 Feeding Hopper

2 Apron Feeder

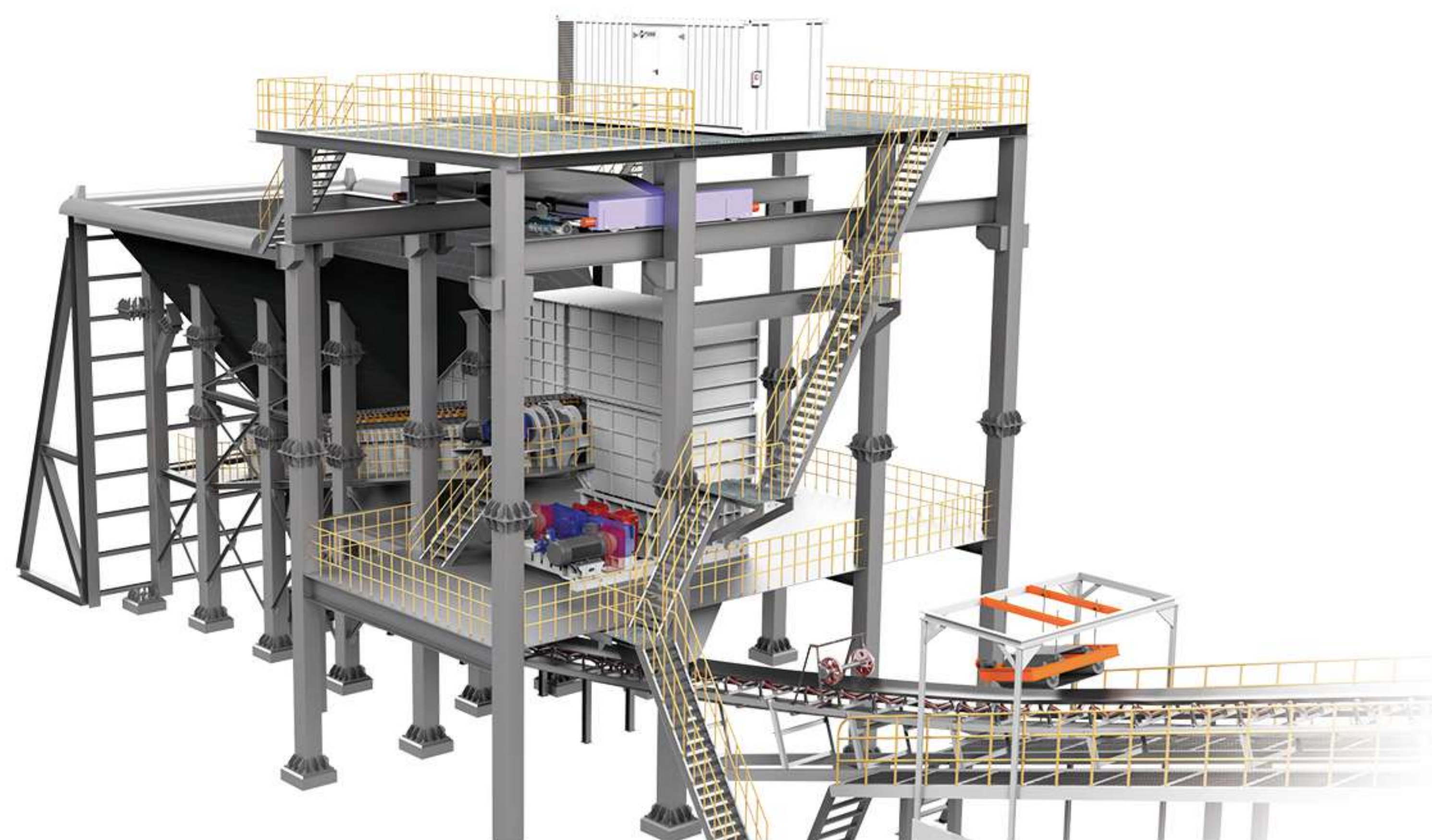
3 Primary Mineral Sizer

4 Feeding Conveyor

5 Banana Screen

6 Secondary Mineral Sizer

7 Main Belt Conveyor



## 01 Primary Crushing Station

The materials are directly unloaded into the silo by dump trucks, or unloaded into the silo by bulldozers or loaders, and then evenly transported to the primary mineral sizer by apron feeder, which crushes the large materials(800mm–1500mm) into medium sizes(250mm–500mm) .

## 02 Secondary Crushing Station

After being crushed by the primary mineral sizer, the medium sized materials are conveyed to the banana screen or roller screen through the belt conveyor for screening.

After screening, the finished products that meet the requirements are directly conveyed to the storage yard or other downstream equipments by the main belt conveyor. The medium sized materials will flow directly into the secondary mineral sizer through the chute to be crushed to the finished product(30–100mm)that meet the requirements, and then conveyed to the storage yard or other downstream equipments by the main belt conveyor.



# MINERAL SIZER

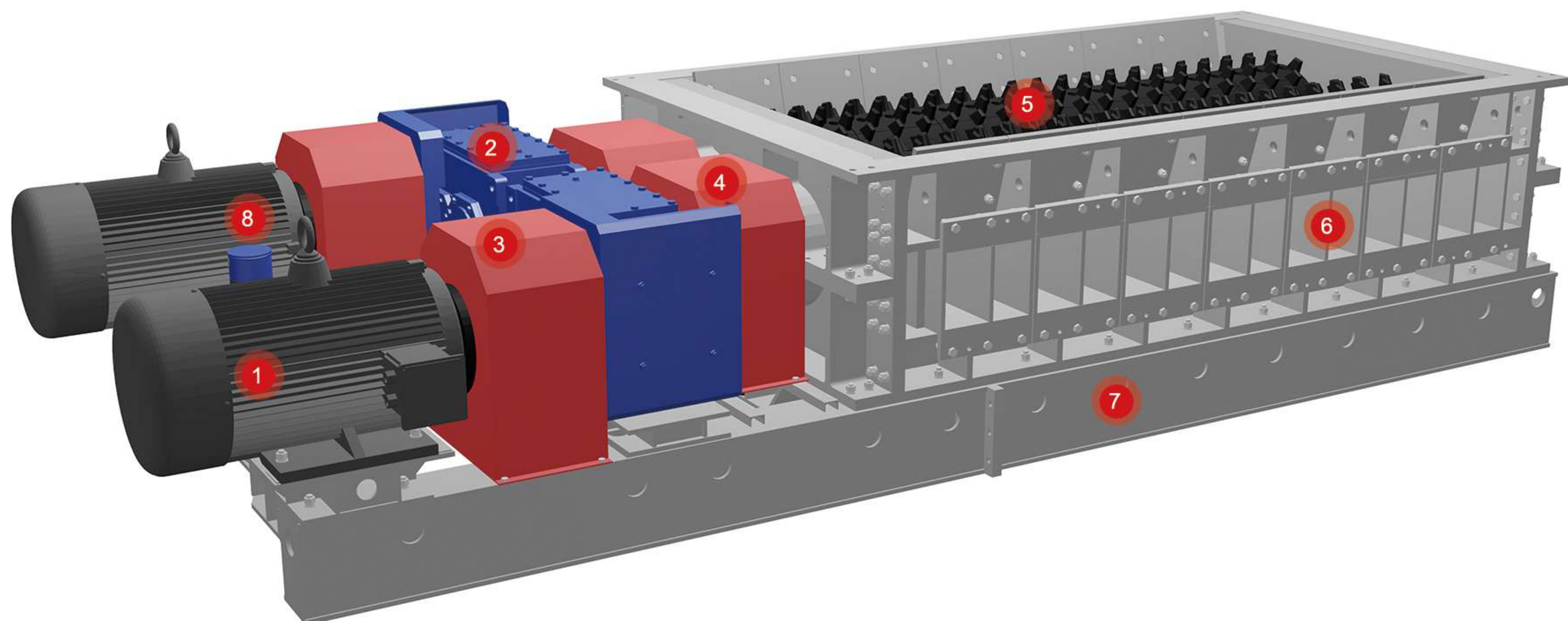
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## 01 Product Introduction

Mineral sizer is a modern approach to crushing that uses shear force and tensile force between the toothed rollers to crush materials, which is the best choice for handling hard, wet, sticky materials.

Mineral sizer is a type of graded crushing equipment which can provide primary, secondary and tertiary crushing operations for many kinds of mineral.

Mineral sizer is mainly composed of drive device, toothed roller, synchromesh gear, housing, base frame, lubrication device, running gear and so on.



- |                  |                      |                           |                          |
|------------------|----------------------|---------------------------|--------------------------|
| 1 Drive Motor    | 2 Gearbox            | 3 High Speed End Coupling | 4 Low Speed End Coupling |
| 5 Toothed Roller | 6 Frame Construction | 7 Base Frame              | 8 Lubrication System     |

## 02 Product Feature

- Compact footprint and smaller surrounding structure for easy deployment in limited spaces, reducing installation and construction costs.
- Mineral Sizer has high production efficiency and uniform size of the crushed finished product, which can minimize the generation of dust and fine materials.
- Mineral sizer can not only deal with wet or sticky material, but also can deal with dry or hard rock, or deal with wet sticky material and dry hard rock at the same time.
- The mineral sizer is equipped with a large number of sensors is connected to the intelligent control system through the Internet to realize the automatic operation and remote control of the mineral sizer.
- Mineral sizer can be modularized in design and production, which facilitates equipment installation and routine inspection, maintenance and upkeep.

## 03 Sizers Toothed Roller

According to the types of broken materials provided by customers, working environment, material size, production capacity, maintenance status, etc., our toothed roller can be roughly divided into two categories—Primary Mineral Sizer and Secondary Mineral Sizer.

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### Primary Mineral Sizers Toothed Roller

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The crushing teeth are made of special formula materials after precision casting heat treatment, high strength, good toughness, wear resistance and impact resistance, crushing strength up to 200Mpa. Unique and novel tooth design structure, deep spiral distribution, strong biting capacity, high blocking rate, low over-crushing rate, high production efficiency. It has been verified by examples, far exceeding the service life of the same industry (0.5–1.5 years), up to more than 3 years.



According to the actual situation on the site, the crushing teeth are cast with wear-resistant and impact-resistant alloy steel as a whole or the crushing teeth are crown structure.

The teeth are cast with wear-resistant and impact-resistant medium alloy steel for precision post-casting heat treatment.

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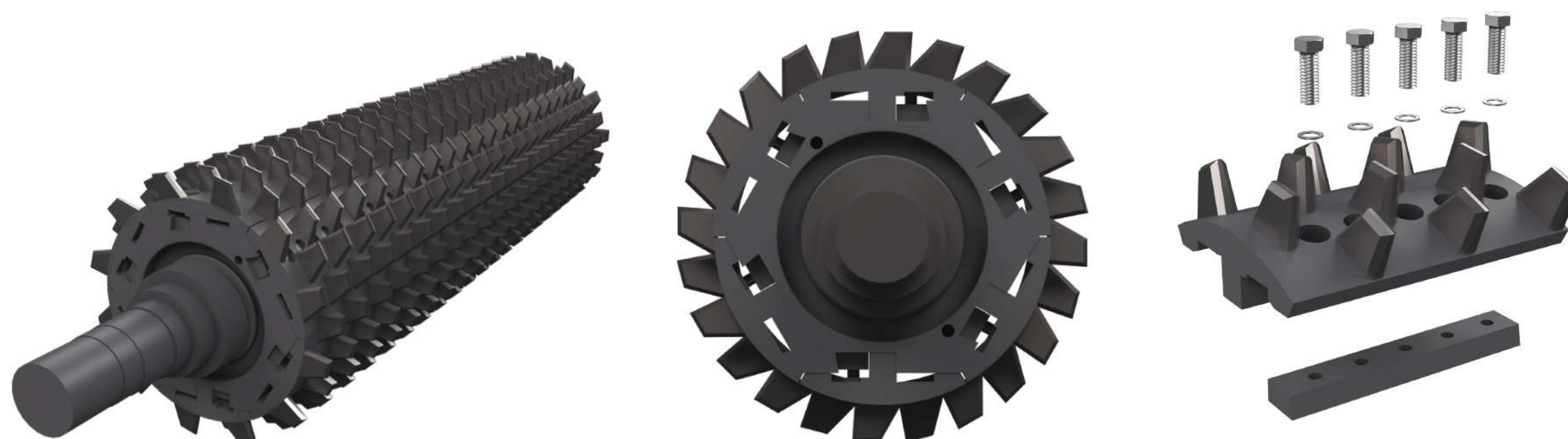
### Secondary Mineral Sizers Toothed Roller

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The grain size of the secondary mineral sizer for breaking material is less than or equal to 300 (a small amount of 400mm is allowed), and the discharging grain size from 25mm to 125mm.

The structure type of the broken teeth is adjusted to the tooth plate structure when the tooth plate is made of special steel, while the heat treatment is carried out after the precision casting.

The advanced tooth shape and the fixed way of the broken tooth plate, and there are two forms of the integral casting of microalloy and hard facing and wear-resistant material.



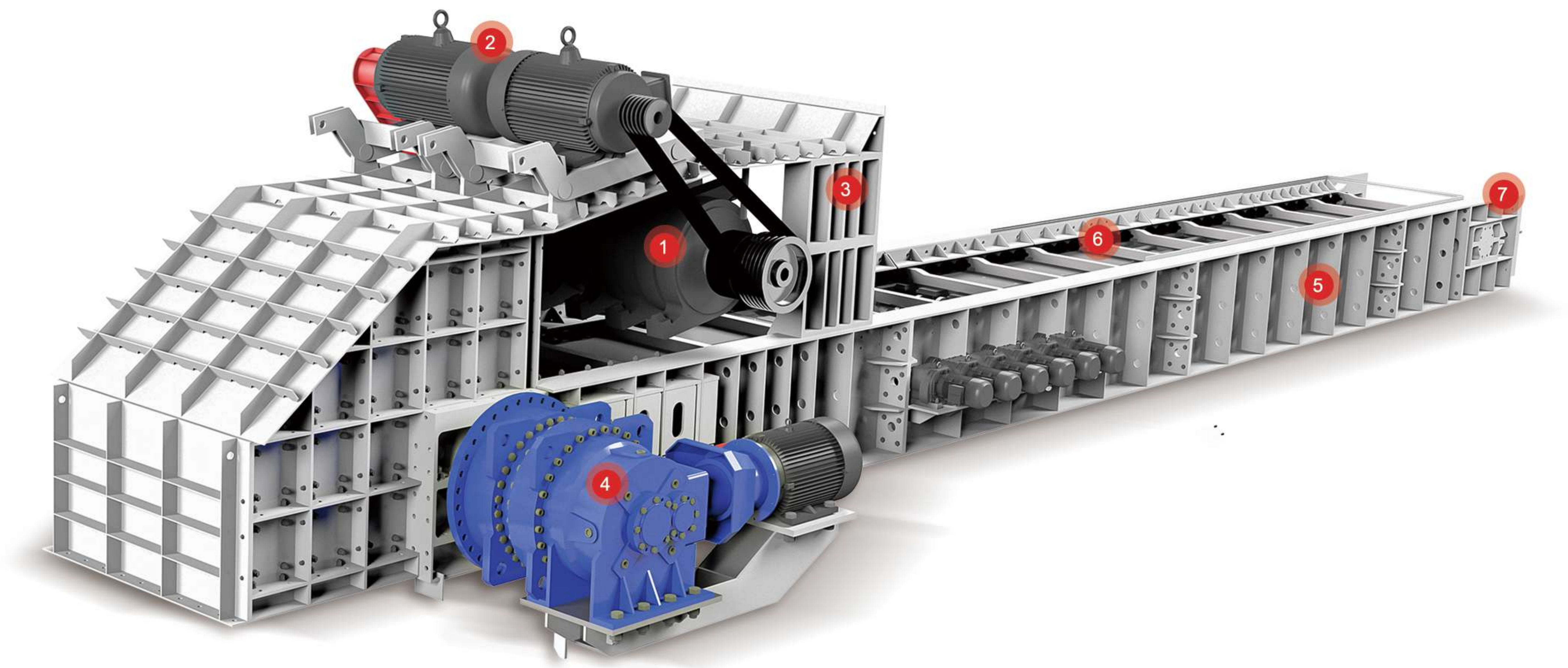
# FEEDER BREAKER

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## 01 Product Introduction

Feeder Breaker is a continuous roller crushing equipment that integrates feeding and crushing functions. It is the connection between the mining system and the material handling system, which utilizes chain conveyors and crushing rollers to continuously feed and crush the mined materials.

Feeder Breaker consists of chain conveyor and crushing unit, which realizes the combination of feeding and crushing functions. In general, the feeder breaker can crushes the large materials (800mm–1500mm) into medium sizes (200mm–500mm).



- |   |                        |   |                       |   |                           |   |                          |
|---|------------------------|---|-----------------------|---|---------------------------|---|--------------------------|
| 1 | Crushing Tooth Roller  | 2 | Crushing Drive Device | 3 | Crushing Box              |   |                          |
| 4 | Conveying Drive Device | 5 | Conveying Box         | 6 | Conveying Chain & Scraper | 7 | Conveying Tension Device |

## 02 Product Feature

- Equipped with a frequency converter, it can change the speed of the frequency converter motor, thereby changing the running speed of the conveyor chain plate, and adjusting the handling capacity of the feeder breaker.
- The automatic lubrication system can supply oil with high pressure and fast speed, and it can be monitored remotely, so that the core components can realize good lubrication, which greatly prolongs the service life of the feeder breaker.
- Feeder Breaker can choose the grate bars or roller to achieve the pre-screening function, minimize the powder materials, improve the proportion of finished materials, in order to improve economic benefits and value.
- No need expensive primary crushers, Little or no foundation works required, Reduce investment costs. It can be directly fed by the truck or loader, does not require any other specific expensive equipment, greatly reducing equipment cost.
- The modular component design allows easy replacement of spare parts, making maintenance easy, reducing costly downtime and saving operating costs.

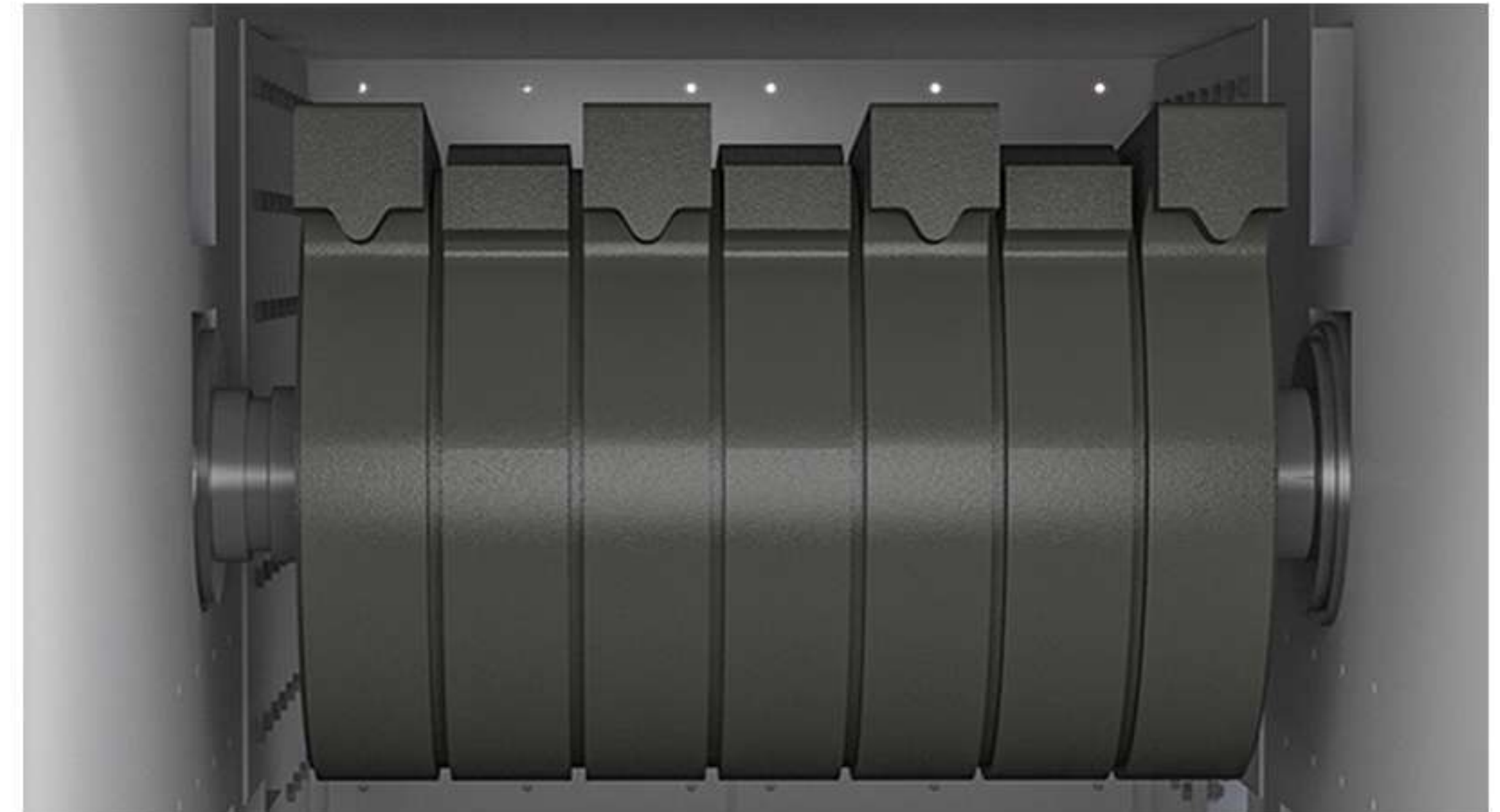
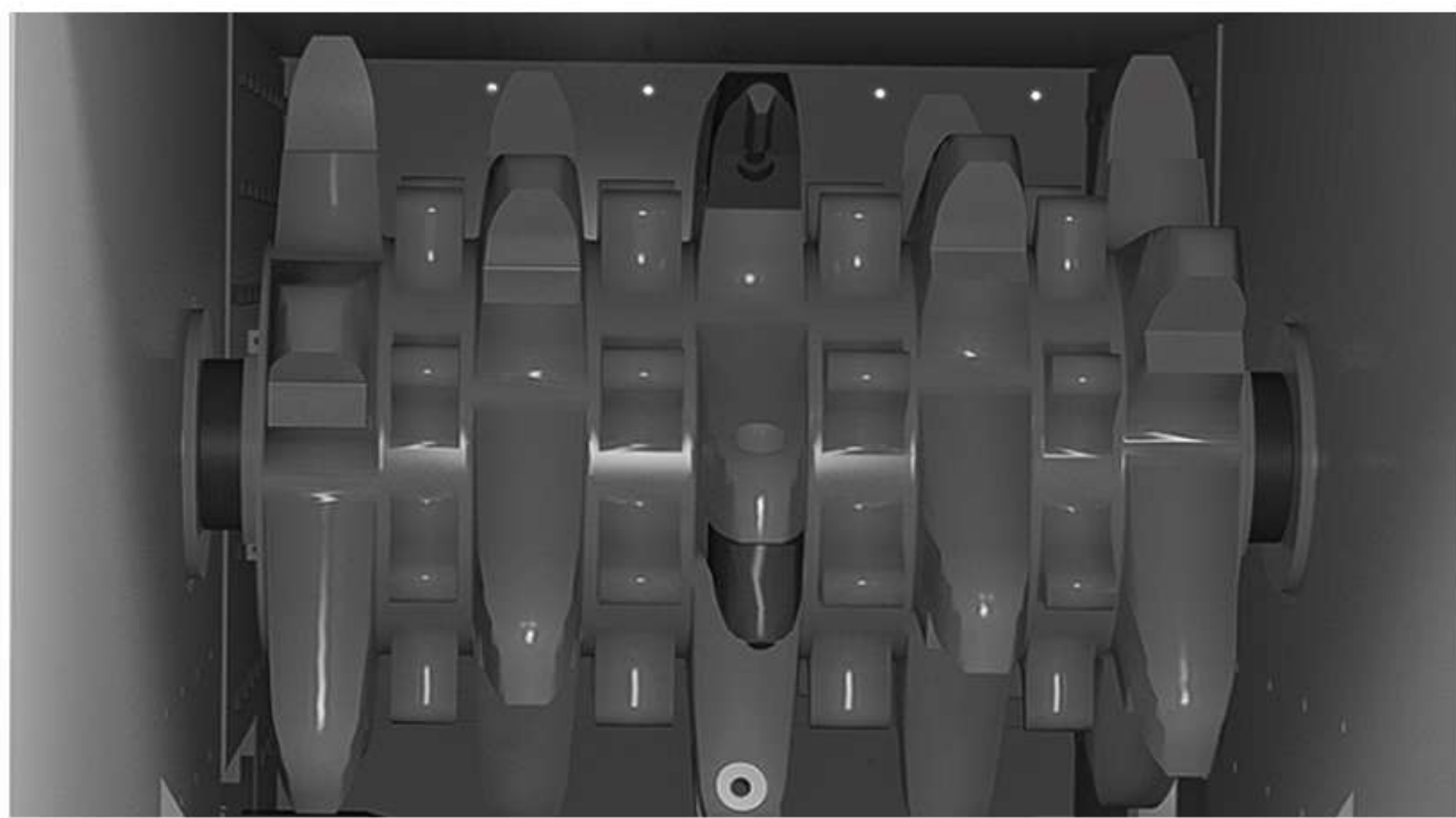


## 03 Roll Crusher

Our feeder breaker can be equipped with two forms of crusher according to the different needs of our customers.

### Hammer Crusher

The Hammer crusher is connected to the motor by the triangular belt. The height of the Hammer crusher can be quickly adjusted by means of a hydraulic device to adjust the discharge size of the crushed material in order to meet the needs of different customers.



### Teeth Roll Crusher

Powerful function Crushing Roll(picks) with picks and a pick pattern designed for scraper conveyors to crush material to the desired output size. Since the material is broken, not squashed, the lumps are consistent, producing less waste material and maximizing product value.

## 04 Pre-Screening

Pre-screening consists of two methods: dynamic pre-screening and static pre-screening, which are configured according to different working conditions.

### Dynamic Pre-screening

The material receiving section adopts static screening method, the static screening grate is fixed on the conveyor box by the rail, which is suitable for the screening of large particle materials.



### Static Pre-screening

The non-material receiving section adopts dynamic screening method. Integrate a specially designed sinusoidal disturbance screen on the conveyor box, which is suitable for screening small particles and sticky materials. The non-receiving section adopts sinusoidal disturbance screening method to prevent any material from getting stuck.



### Benefits

The material is pre-screened and then crushed, which can avoid excessive crushing and reduce the production of powder, maximize the yield of mineral blocks, and improve the economic benefits and value of end users.

# APRON FEEDER

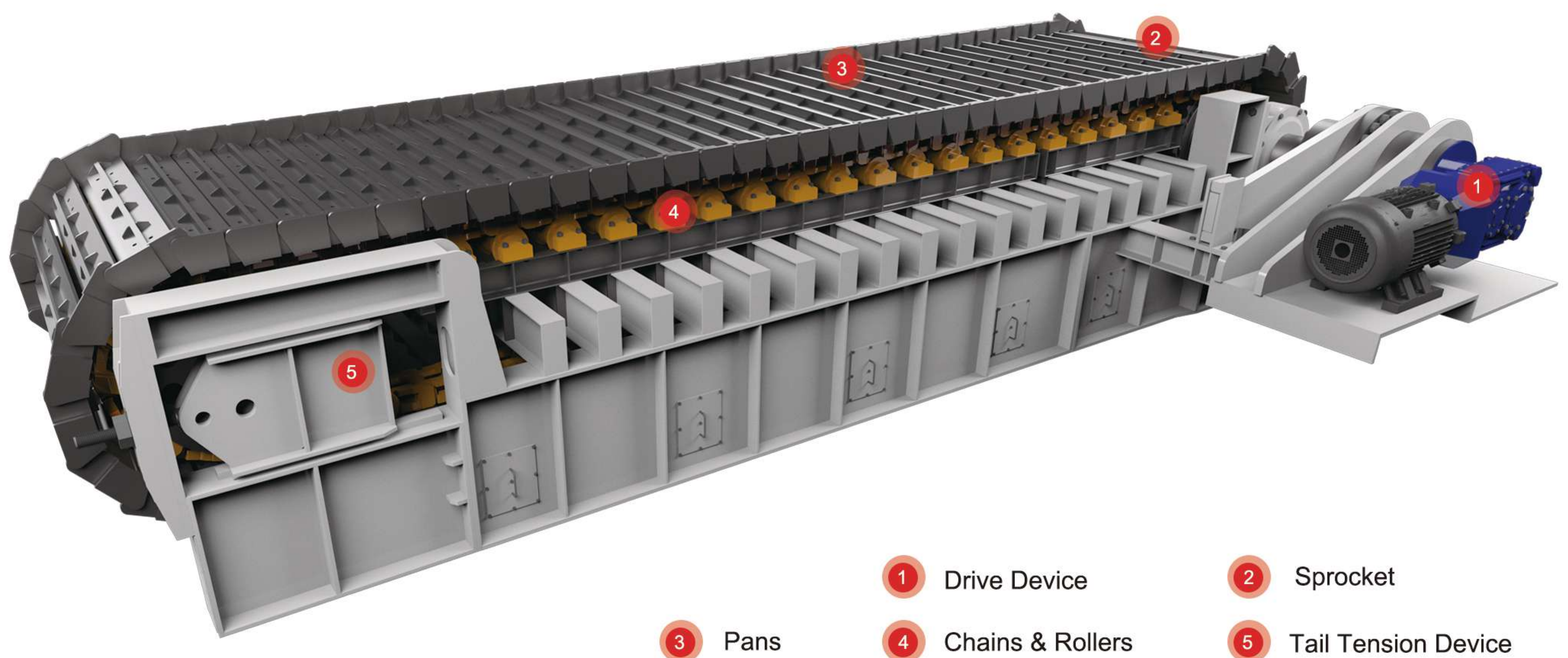
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## 01 Product Introduction

Apron Feeders are a reliable feeding method used to feed a wide variety of applications. It is suitable for heavy loads and high impact materials and delivers the material at a uniform rate to achieve optimal feeding of downstream equipment.

Apron feeders are suitable for conveying lumpy, abrasive, heavy, high temperature materials such as mining, quarrying, coal, cement and other mineral processing applications.

Apron Feeder consists of drive device, sprocket assemble, pans, chains&rollers, tail tension device, support frame, lubricating device,etc.



## 02 Product Feature

- Rugged steel support frame with impact rails to limit pans deflection, thus eliminating permanent bending of the pans. And it can withstands all loading conditions during starting and operation.
- Apron feeders can be installed in both horizontal and inclined applications. The high inclination also allows to build compact installations and reduce the length of the apron feeder, thus keeping the investment costs low.
- Apron feeder with optional frequency converter, and it can change the speed of the main motor, thereby changing the chain speed, which can achieve the purpose of adjusting the handling capacity of the apron feeder.
- The core components of the apron feeder have a long service life and minimal maintenance, which reduces downtime and increases productivity, thereby increasing profitability.
- The heavy-duty design provides high availability, easy operation, low maintenance and operating costs, and higher profits.

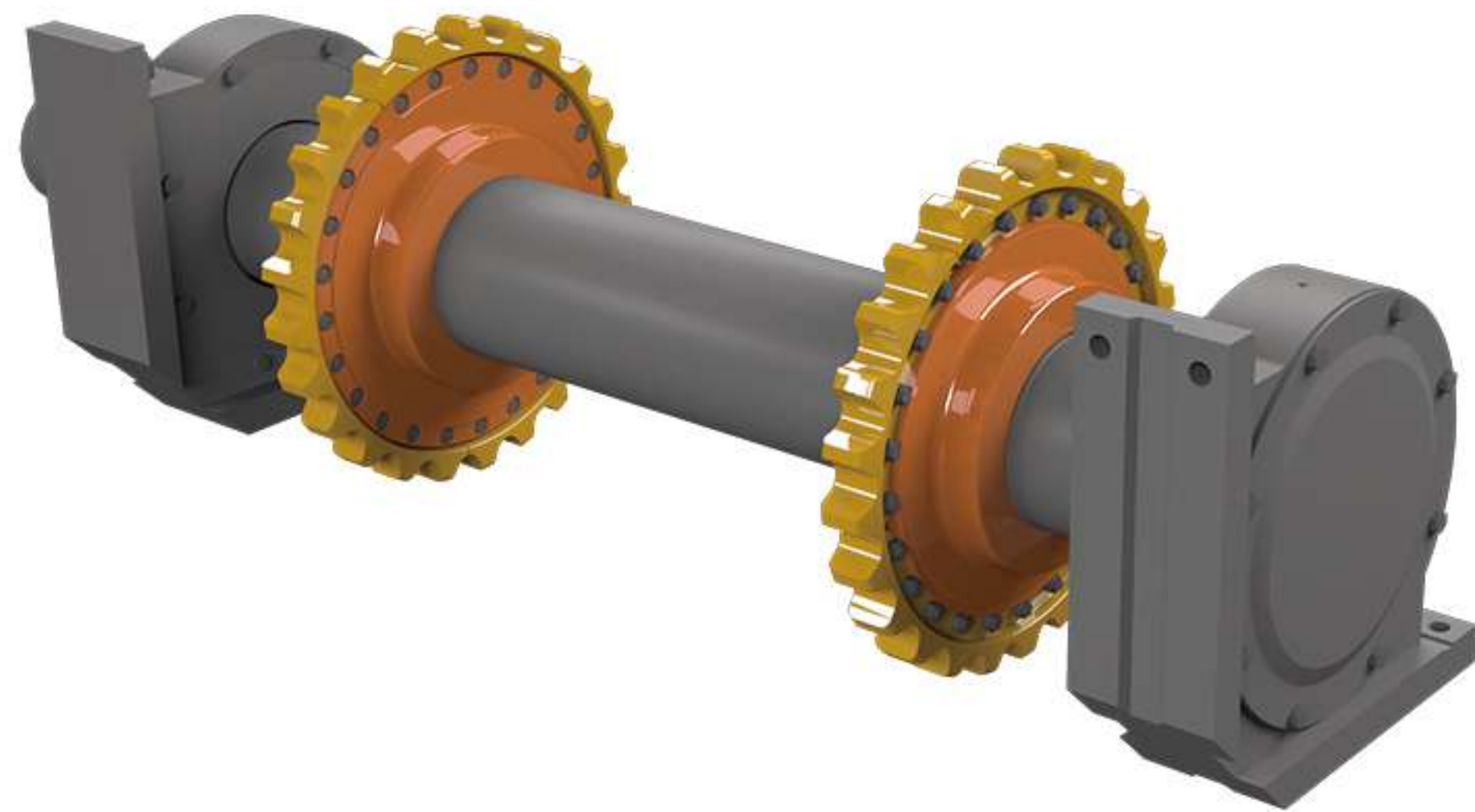
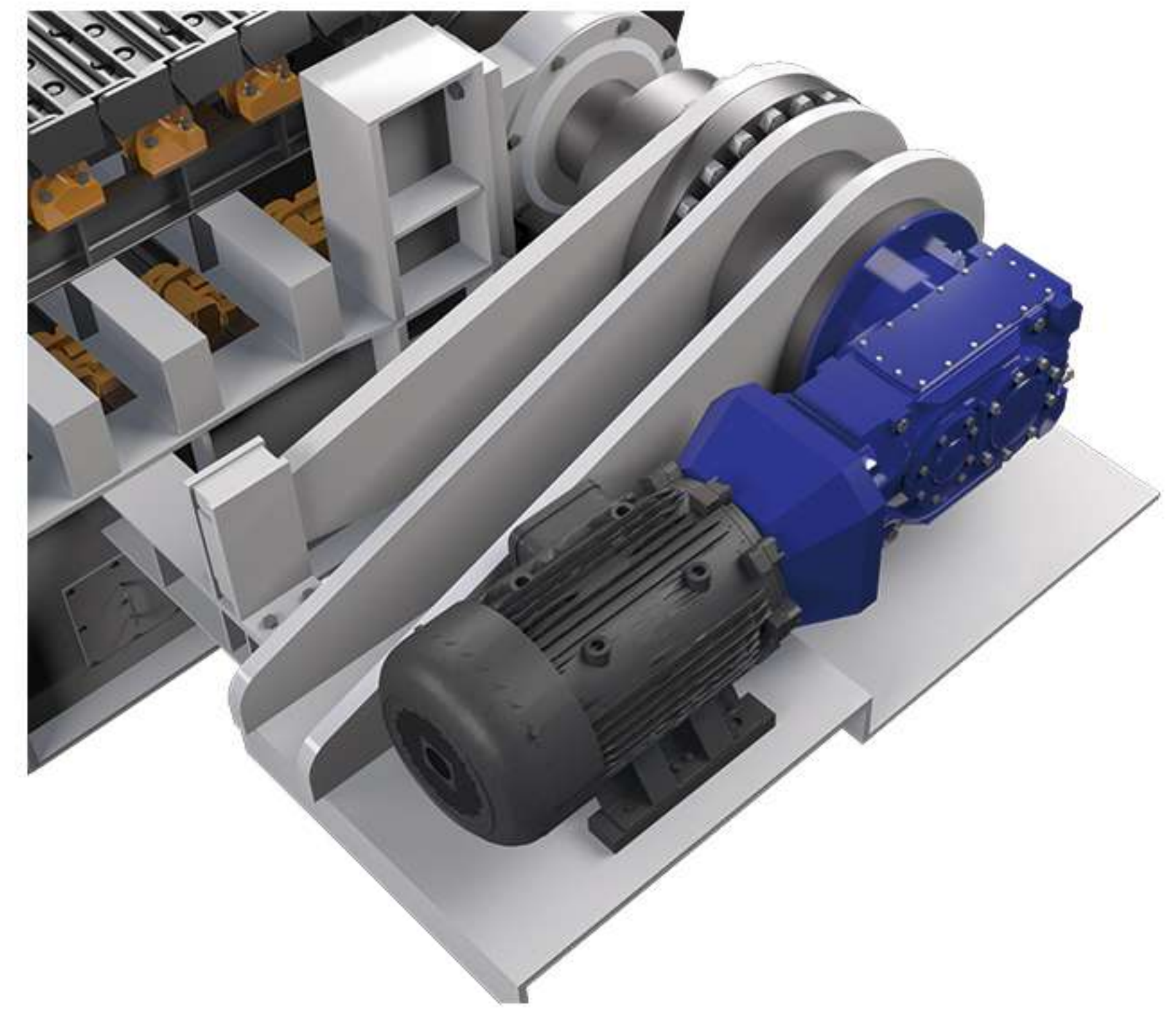
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## Drive Device

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Drive device utilizes an AC variable frequency drive system that integrates software with electronic and mechanical systems to provide precise conveyor speed control and overload protection.

The main components of the drive device can choose Siemens, ABB, Sew, Flender and other well-known domestic and foreign brands of motor and gearbox, to provide stable and continuous kinetic energy output, with high efficiency, low noise, low vibration and other characteristics.



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## Sprocket

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Cast manganese segmental sprockets bolted to heavy steel hubs keyed to oversized front drive shaft.

The segmental sprockets can be replaced in a very short time without needing to dismantle or remove other parts of the feeder.

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## Pans

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The pans bolted to the chain with high strength bolts and nuts, which can be replaced individually in situ without disturbing the rest of the apron feeder.

According to different working conditions, apron feeder can choose heavy duty cast manganese steel or welded construction with ribbed reinforcements, which is suited for materials with high load and high impact conditions.



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## Chains & Rollers

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The chain uses an off the shelf dozers chain (Track chain), which is characterized by small pitch error, smooth movement, high strength, large pulling force, and the chain has a self-lubricating device and a sealing device.

The rollers are designed as a standard tractor rollers with sealed and lifetime lubricated bearings, mounted on the main feeder frame. The rollers has suitably spaced to provide adequate support for the chain assembly.

The Chains & Rollers can use world famous brands according to customer needs, such as Caterpillar, Komatsu, and Shantui.

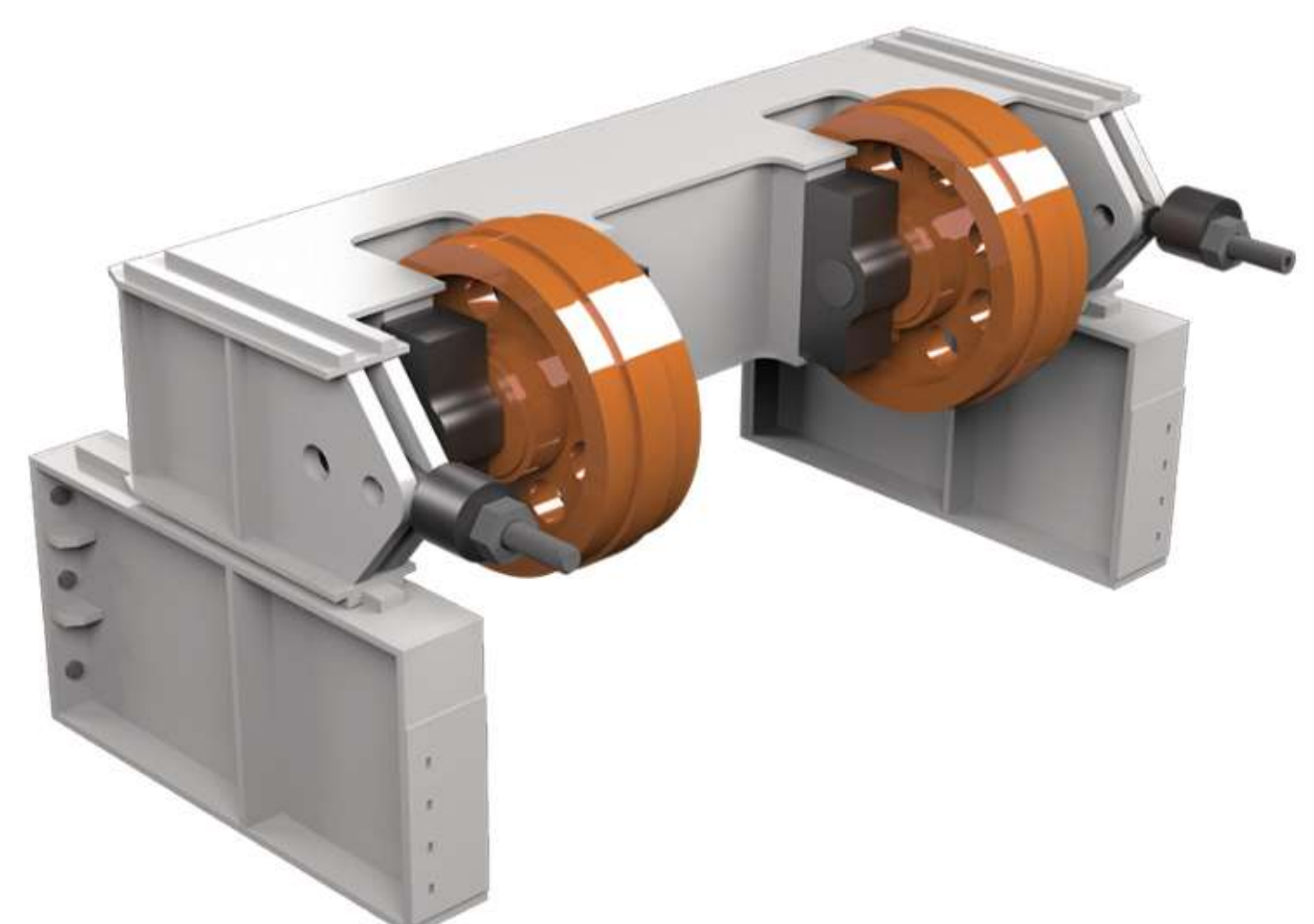
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## Tail Tension Device

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The tension device is used to tighten and adjust the horizontal position of the chain to ensure that the chain tightness is moderate and make it run smoothly.

When the pans are suddenly impacted by the material, the composite spring can play a buffer role to protect the pans and other components from damage.



# BANANA SCREEN

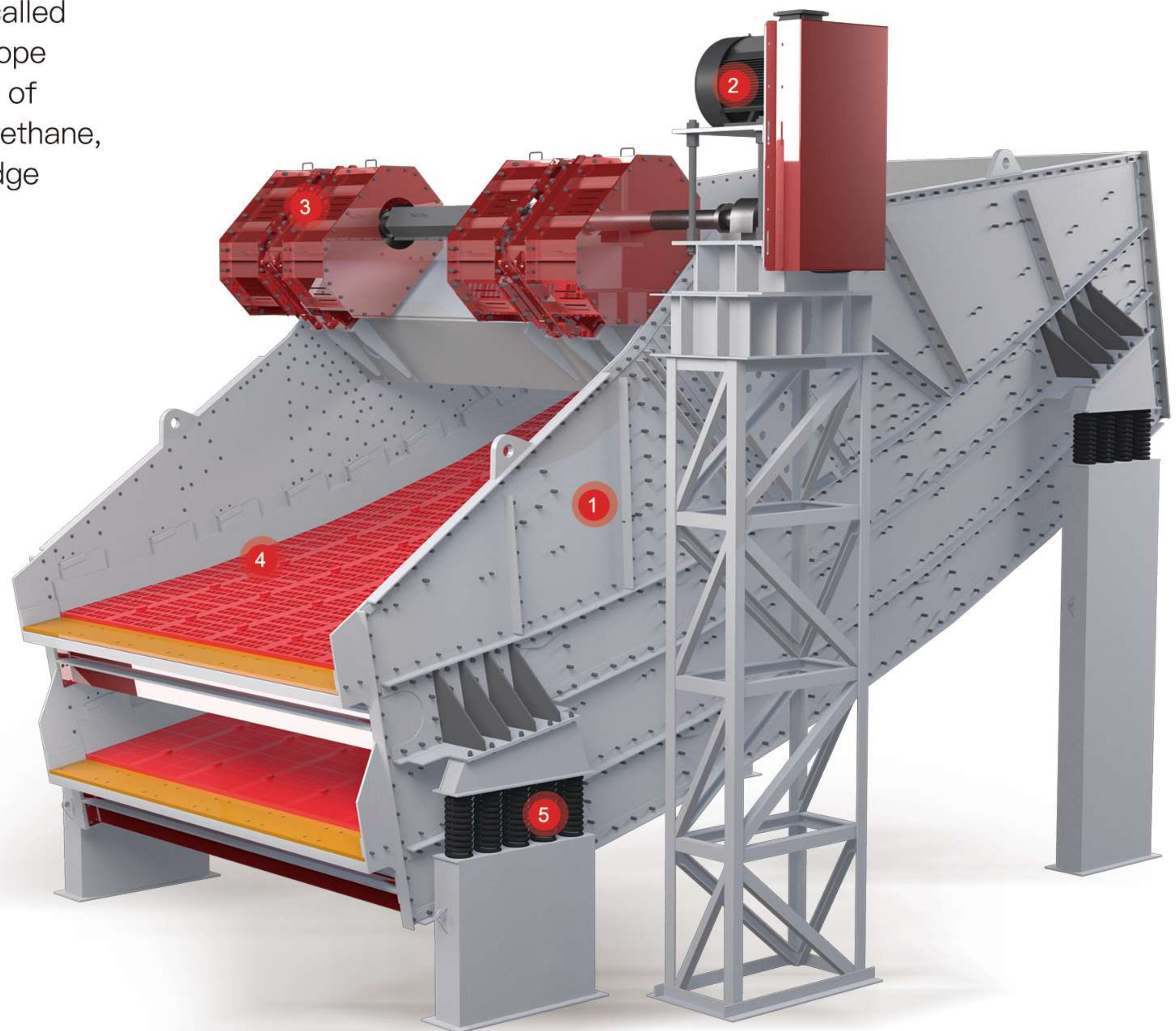
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## 01 Product Introduction

The banana screen uses the latest technology of multi-angle machines, which can achieve special throughput in a relatively small screening area. The screen includes many different screen angles, a variety of deck types and apertures to meet specific process requirements.

Banana screen is sometimes called multi-angle screen or multi-slope screen. will accept most types of deck systems, including polyurethane, perforated steel plate and wedge wire. Banana screen achieves good separation accuracy under extremely high feeding speed and material that is difficult to screen. Its operational characteristics make it a high-speed screen.

- ① Screen Body
- ② Driving Device
- ③ Vibration Exciter
- ④ Screen Plate
- ⑤ Damping Device



## 02 Product Feature

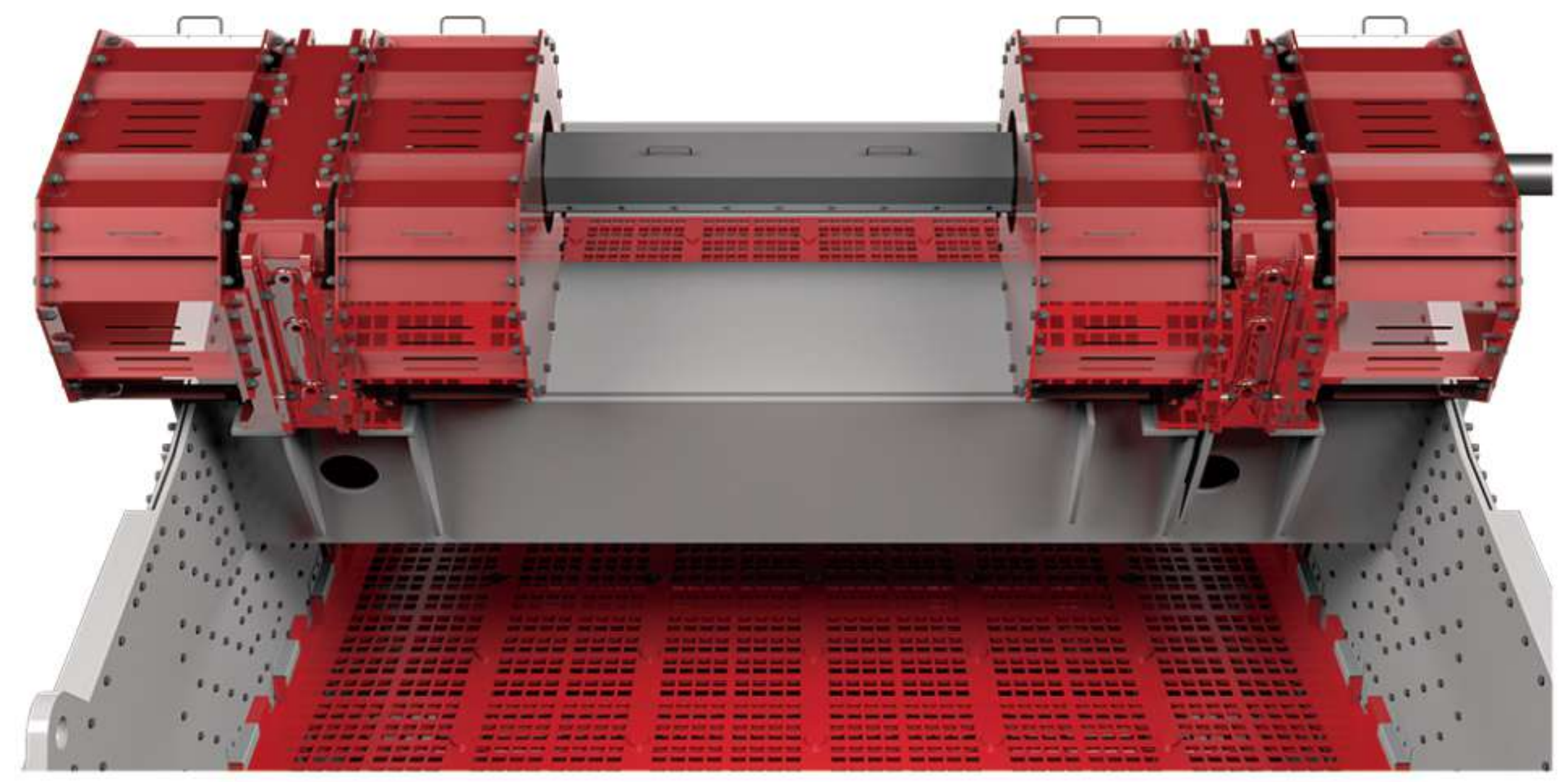
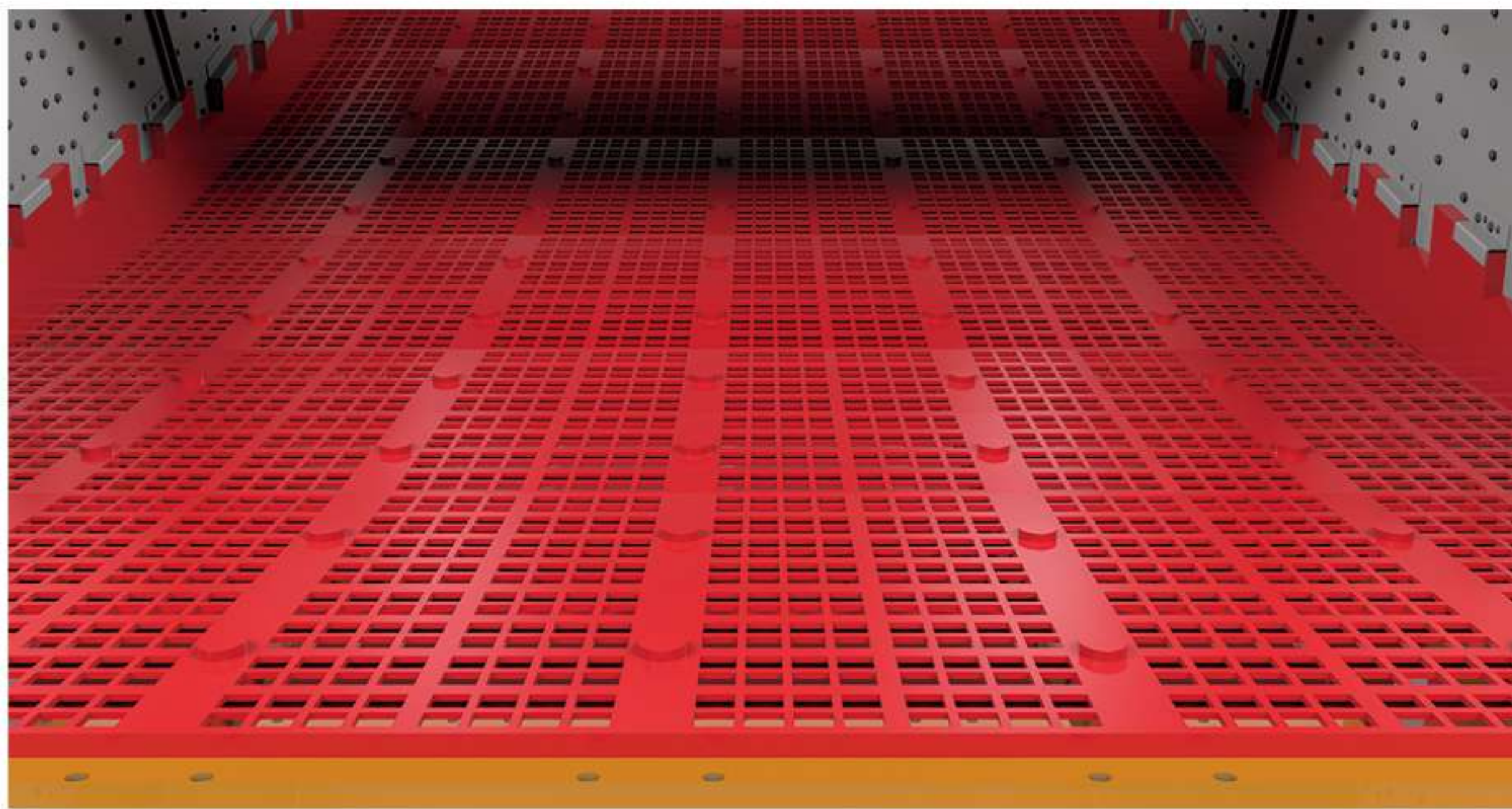
- The main beam of the exciter and the beam of the screen frame adopt the box beam structure. Internal reinforcing ribs enhance the rigidity and strength of the screen, thus improving efficiency and reducing power consumption.
- The eccentric block of the exciter is arranged outside the exciter box, so that the amplitude can be adjusted by changing the counterweight setting, ensuring high performance operation of the banana screen.
- The combination of screen box with strong wear resistance and low stress ensures the reliability of banana screen operation and greatly extends the service life of the equipment.
- Banana screens are designed with modular components to facilitate quick and timely replacement of parts, reducing downtime and maintenance costs.
- Banana screen plates are available in a variety of materials, such as woven/wedge wire, polyurethane modular panels and rubber modular panels, to meet the screening needs of different customers.

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## Vibration Exciter

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The vibration exciter adopts the ZYQX series high-efficiency gear-driven thin oil lubricated box-type vibration exciter independently developed and manufactured by ourselves. It is equipped with imported SKF large clearance vibration machinery special bearings. The specially designed special sealing structure of the shaft end can ensure that dust or other foreign matter cannot enter the inside of the vibration exciter. The eccentric torque of the vibration exciter eccentric wheel is adjustable to meet the different amplitude requirements of the equipment for materials.



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## Screen Plate

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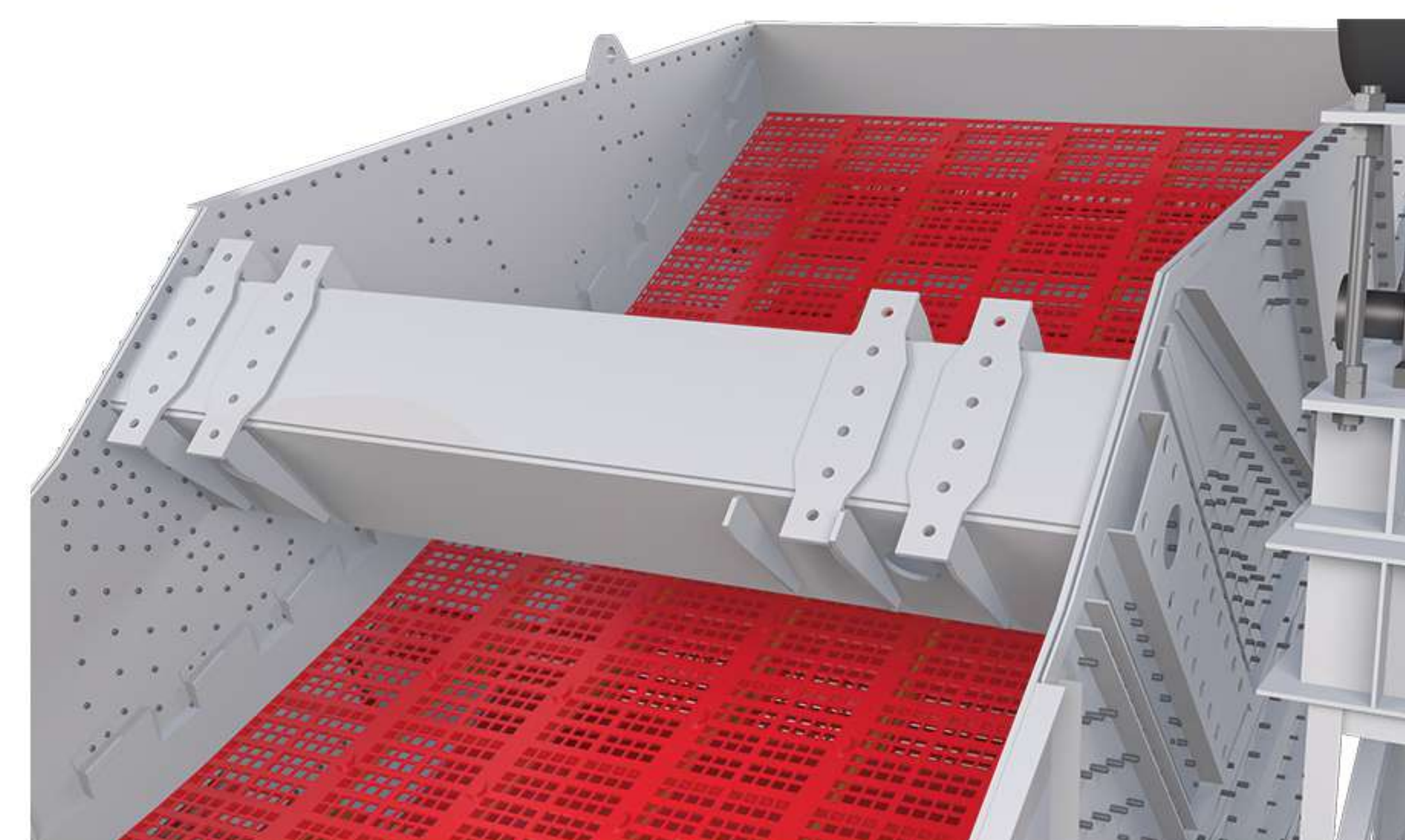
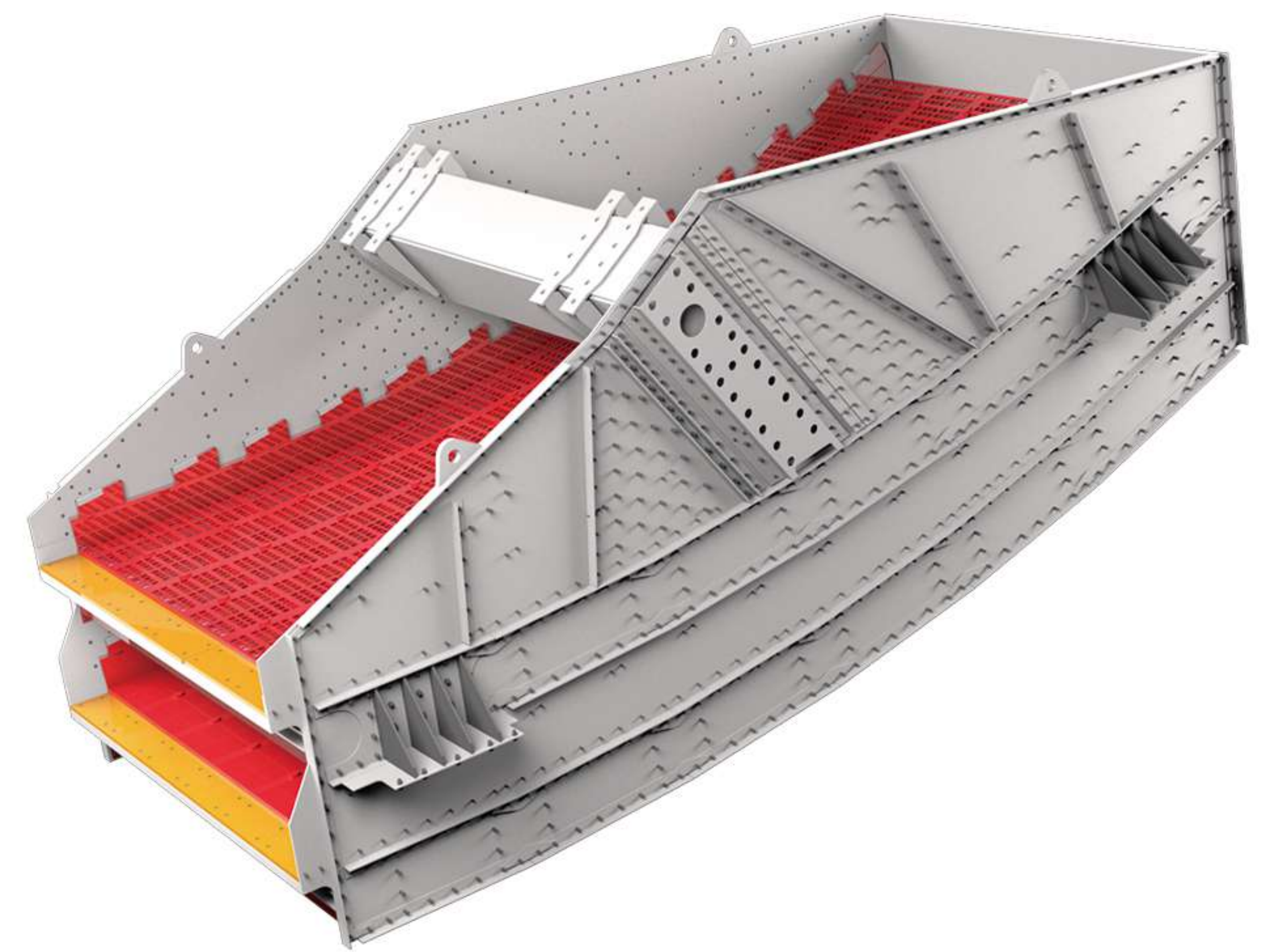
The screen plate is made of foreign advanced technology, modular design, high degree of universality, and the screen plate can be completely interchangeable between different models. It is fixed by polyurethane card slot, easy to install and disassemble. The two sides of the screen plate are mounted with polyurethane side bar and polyurethane wedge, which can fix the screen plate, effectively prevent the material from wearing the screen machine side plate, and extend the service life of the screen frame.

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## Screen Body

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The side plate of frame is made of high quality low alloy and high strength structural steel plate. The high precision laser cutting machine is used to complete the feeding and drilling of the whole steel plate at one time, without splicing, and the appearance is smooth and beautiful. In the area where the force of the side plate is large, the strengthening plate, the protection plate and the strengthening Angle steel are reasonably arranged to effectively increase the strength of the side plate, so that the load of the side plate is evenly distributed, so as to prevent elastic deformation.



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## Vibration Exciter Base Beam

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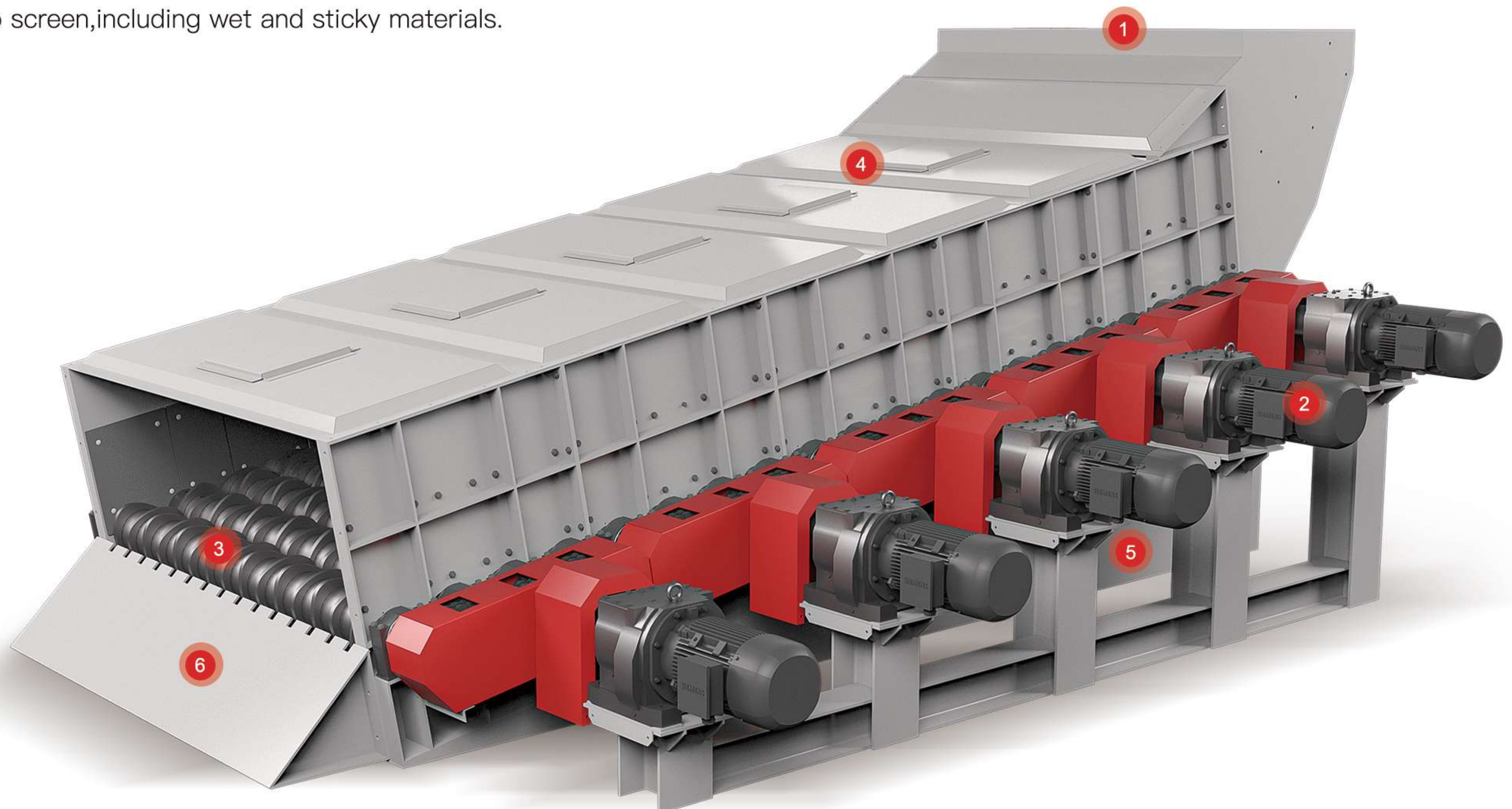
Banana screen beam is a rectangular hollow structure with high rigidity and light weight, and completely eliminates splicing in the vertical direction. This structural design has a high safety factor and is suitable for complex working conditions. The base beam of the vibration exciter plays a vital role in the operation of the banana screen. It adopts a box-shaped cross-section design and is equipped with reinforced plates, which are high in stiffness and light in weight. The special design of the reinforced flange can effectively improve the strength of the banana screen.

# ROLLER SCREEN

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## 01 Product Introduction

Roller screens, also known as wobble feeders and disc screens, is an efficient screening equipment, the screening area is composed of the main bearing of each roll rotating in the same direction, which can achieve feeding and screen in one operation. Roller screens are very suitable for bulk materials that are difficult to screen, including wet and sticky materials.



- |                      |                  |                         |
|----------------------|------------------|-------------------------|
| 1 Feeding Inlet      | 2 Driving Device | 3 Screen Shaft Assembly |
| 4 Protective Housing | 5 Screen Body    | 6 Self-cleaning Device  |

## 02 Product Feature

- The roller screen is used to pre-screen the material before the primary crusher, thus reducing the amount of material entering the primary crusher and unnecessary wear on the primary crusher.
- The roller screen is very suitable for bulk materials that are difficult to screen, especially for wet, coarse, sticky and other materials with good screening effects.
- Roller screens are designed with modular components to facilitate quick and timely replacement of parts, reducing downtime and maintenance costs.
- The roller screen adopts a fully enclosed structure with no vibration, effectively avoid dust spillover, low noise, energy saving and environmental protection.
- The whole machine adopts electrical and mechanical dual protection, with interlock protection function, can achieve manual control and automatic control.

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## Screen Shaft Assembly

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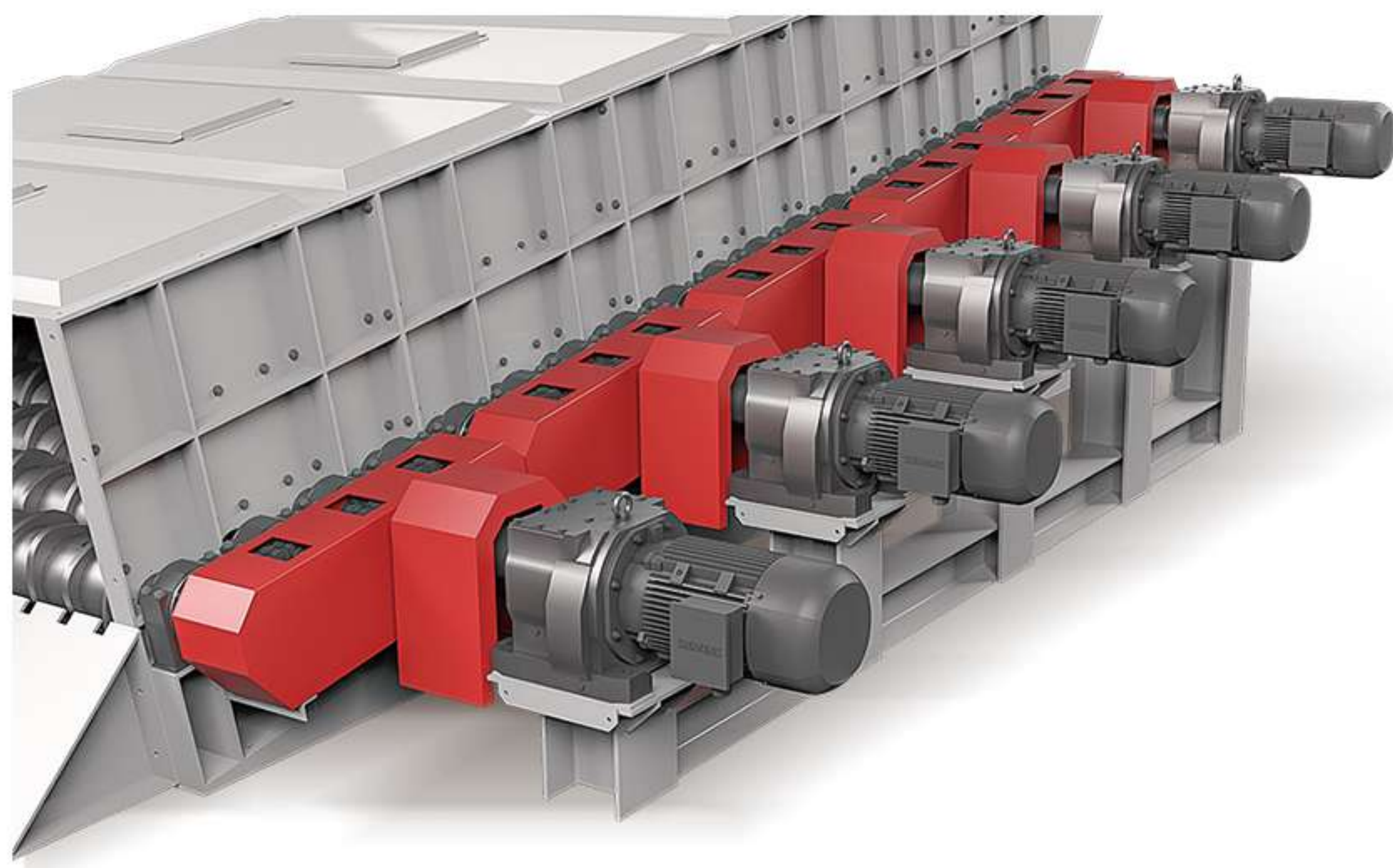
Roller screen disc is cast with wear-resistant manganese chromium alloy steel, which has good wear resistance and can cope with the impact and wear of large materials without any deformation or fracture.

Roller screen disc is designed as a parabolic screen disc, and is rounded to eliminate sharp corners, so that the rotating resistance of the screen is minimized.

The Parabolic shape of the screen disc can maximize the disturbance ability of the roller screen to the material flow and improve the screening rate.

The design of the screen shaft is reasonable and safe, which can effectively avoid the phenomenon of bending and breaking of the roller shaft.

When any group of screen shafts fails, the material can continue to move forward under the push of previous screen shaft, and the screening can operate as usual.



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## Driving Device

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Roller screen adopts single-axis single-motor drive or multi-axis chain combination transmission mode, reasonable power configuration to evenly distribute the material in the screen and ensure smooth operation.

The design structure of the driving device is simple, easy to install and disassemble, and the connected screen shaft is not moved when disassembling.

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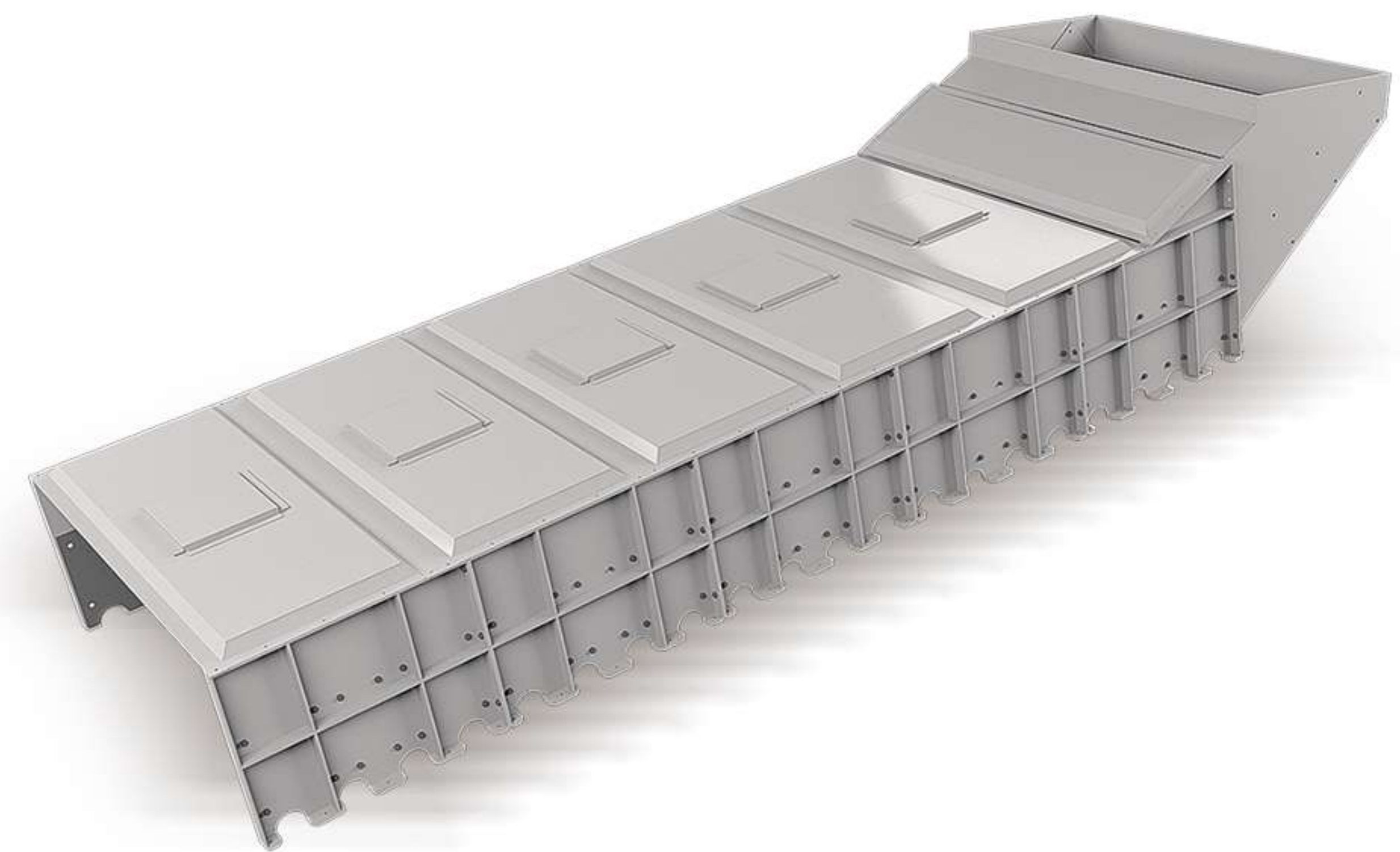
## Protective Housing

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The protective housing of the roller screen is welded with NM500 wear-resistant alloy steel plate, sprayed with anti-rust and anti-corrosion paint, and connected with the hopper and the outlet housing at the front and back.

The protective housing plays a sealing role, and the closed screen box can prevent materials from falling, prevent rain and snow weather from affecting the operation of the equipment, and protect the safety of personnel.

The protective housing is provided with an observation window to facilitate the observation of the operation of the machine.



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## Self-cleaning Device

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The self-cleaning device of the roller screen is made of wear-resistant steel and is equipped with a cutting edge, which is inclined to the lower part of the screen shaft. Some fibrous debris and sticky materials attached to the screen will be automatically cleaned off by the cleaning device to solve the blockage of the screen surface.

# RESEARCH AND DEVELOPMENT

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Henan Excellent Machinery Co.,Ltd is a professional manufacturer specializing in research and development of feeding, crushing, screening, conveying equipment in China.

**3**

Industry Experts

**5**

Doctorate

**32**

Master

**80+**

Senior Technicians

EXCT has a provincial-level enterprise technology center and long-term strategic cooperation with universities, research institutes and design institutes. Through in-depth technical exchanges with experts from scientific research institutions, EXCT's technical team has understood and mastered the current international advanced mining equipment technology, which provides strong technical support for continuous technological innovation.

In order to ensure the advanced and professional product research and development, EXCT has set up some technical team, such as feeding equipment team, crushing equipment team, screening equipment team, conveying equipment team, electric automatic team.



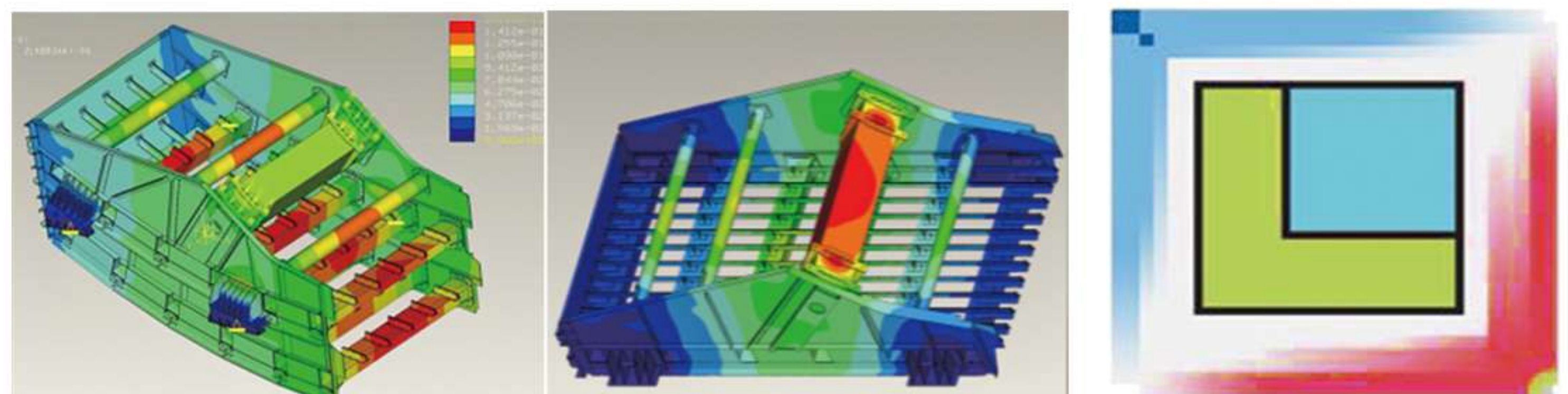


EXCT not only has a group of professional technical personnel, but also uses the international advanced level of design software. For example,our products are designed using CREO or Solidworks for perfect 3D modeling to improve the original product design and to ensure that the equipment parts can withstand the great pressure in the actual working environment.In addition,using CREO's advanced structural analysis capabilities,the engineers can easily identify failure areas in the early stages of product development,eliminating in-service.



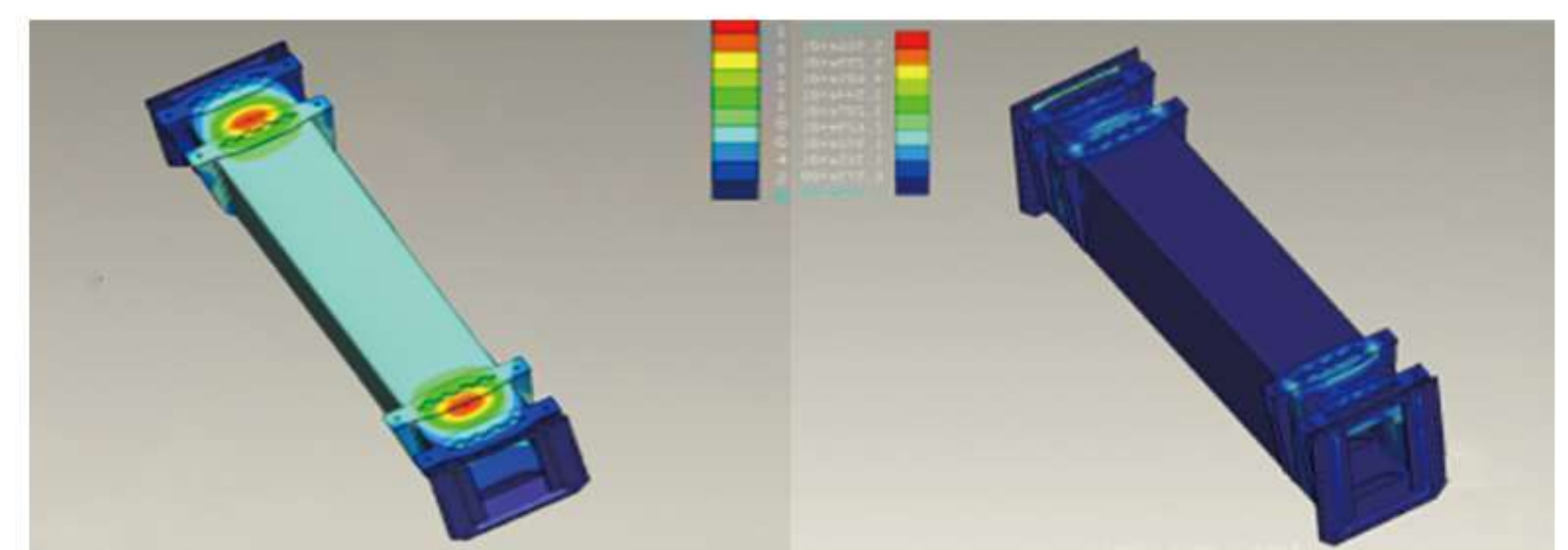
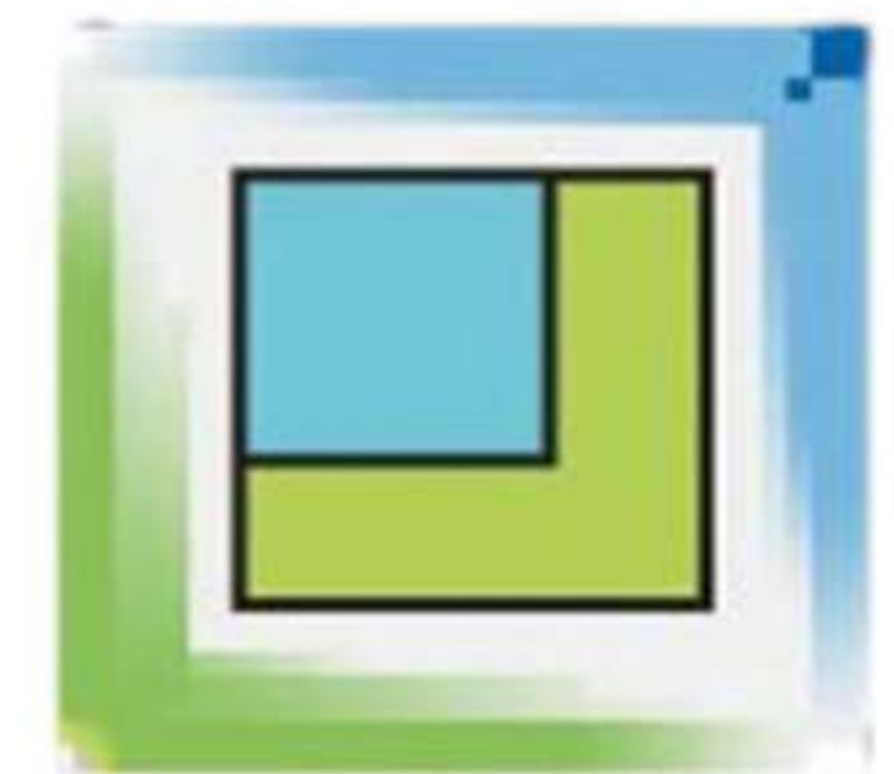
**Solidworks** software is the world's first Windows-based 3D CAD system that offers different design solutions, reduces errors in the design process and improves product quality thanks to technological innovations in line with the trends and developments in CAD technology.

**Pro/Engineer** operating software is an all-in-one CAD/CAM/CAE 3D software from Parametric Technology Corporation (PTC). It is one of the mainstream CAD/CAM/CAE software nowadays and occupies an important position especially in the domestic product design field.



**UG (Unigraphics NX)** is a product engineering solution from Siemens PLM Software, which provides users with digital modeling and verification means for product design and machining process, the world's most powerful and extensive product design application modules, high-performance mechanical design and drafting functions, and high performance and flexibility for manufacturing design to meet the needs of customers designing any complex product.

**Creo (PRO/E)**, a CAD design software package launched by PTC in October 2010, uses powerful, adaptive 3D parametric modeling techniques to create 3D designs, providing a set of scalable, interoperable, open and easy-to-use mechanical design applications; providing the right solution for every customer in the design process.



**ANSYS** finite element analysis software is a large general-purpose finite element analysis (FEA) software developed by ANSYS Corporation, which has always been a domestic and foreign leader in design, with system-based and embedded software innovations growing very significantly in every industrial sector. ANSYS 16.0 offers several new features for system developers and their corresponding embedded software developers. For systems engineers, ANSYS 16.0 features extended modeling capabilities that allow them to define complex modes of operation between a system and its subsystems. As systems become more complex, their operation needs to be more fully defined. Systems and software engineers can collaborate better on their collaborative projects, reducing development time and effort.



**ADAMS**, Automatic Dynamic Analysis of Mechanical Systems, has been adopted by hundreds of major manufacturers in a wide range of industries around the world.Adams is the most widely used mechanical system simulation software in the world. Users can use Adams to build and test virtual prototypes on the computer to achieve real-time online simulation and understand the motion performance of complex mechanical system designs.

# MANUFACTURING FACILITIES



Five-axis Gantry Machining-center



Vertical Machining Center



Laser Cutting Machine



Gantry Machining Center



Trolley Resistance Furnace



CNC Boring And Milling Machining Center



Lengthen Lathe



Shot-blasting Machine



Spray Booth

## Main Production Equipment List

Equipment Name	Equipment Model	Machining Workpiece Size	Quantity
Laser Cutting Machine	QL-FCPB025F	2500x8000	1
Five-axis Gantry Machining-center	GMF4028R-H	/	1
Bending Machine	600t/6000	/	1
Gantry Machining Center	GMB3018	3000x1400	1
Vertical Machining Center	VMC850E	1000x500	2

Equipment Name	Equipment Model	Machining Workpiece Size	Quantity
CNC Boring And Milling Machining Center	M-HT11/1250	/	1
CNC Horizontal Machining Center	KIA-H63	/	1
Shot-blasting Machine	KPBM1560	/	2
Overhead Traveling Crane	28x30t	/	3
Rolling Machine	3000x20mm	/	2
CNC Shearing Machine	Q12R-20X	20	2
CNC Bending Machine	WC67Y-320TX	14x4000	2
CNC Lathe	HTC32100	320x1000	10
Lengthen Lathe	CW6160C	600x8000	6
Cylindrical Grinding Machine	M1432B	320x1800	2
Digital Readout Milling Machine	ZN2008	800x2000	5
CO <sub>2</sub> Gas Shielded Arc Welding	KR-500	/	30
Plasma Cutting Machine	4-20m	/	10
Shot Blasting Machine	Q3750	2000x2500	2
Trolley Resistance Furnace	DL03-665	7x3x1.5	1
Universal Milling Machine	X6132A	320x1320	2
Electric Welding Machine	BX1500	/	33
Vibration Stress Relief System	VSRZY-VIII	/	5
CNC Lathe	HTC2558	250x580	10
Lathe	C618K	360x1000	5
Lathe	CAK63135D	630x1350	1
Lathe	CAK5085D	500x850	2

# QUALITY CONTROL

At present, EXCT has fully passed ISO9001–2008 international quality system certification, complete quality system make sure that from the product development and design, production, procurement and supply to sales and service process has been effective quality controlled.

EXCT has a rigorous and skilled inspection team to ensure the success of product quality control. The quality inspection department has a strict testing process that runs through the stages of raw material procurement, production, and installation to ensure that every piece of equipment delivered to customers is qualified.



Magnetic Particle Flaw Detector



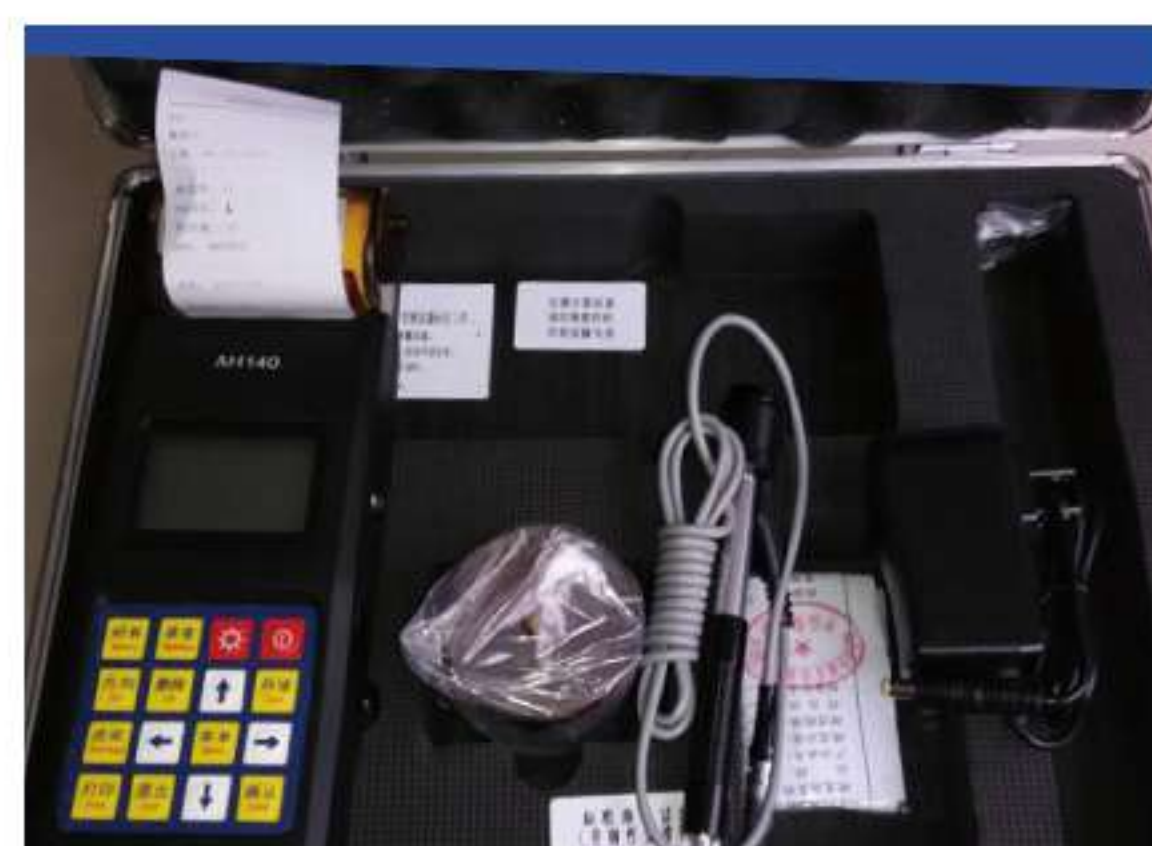
Ultrasonic Flaw Detector



Leeb Hardness Tester



Ultrasonic Metal Thickness Gauge



Rockwell Hardness Tester



Noise Level Meter



Paint Film Thickness Meter



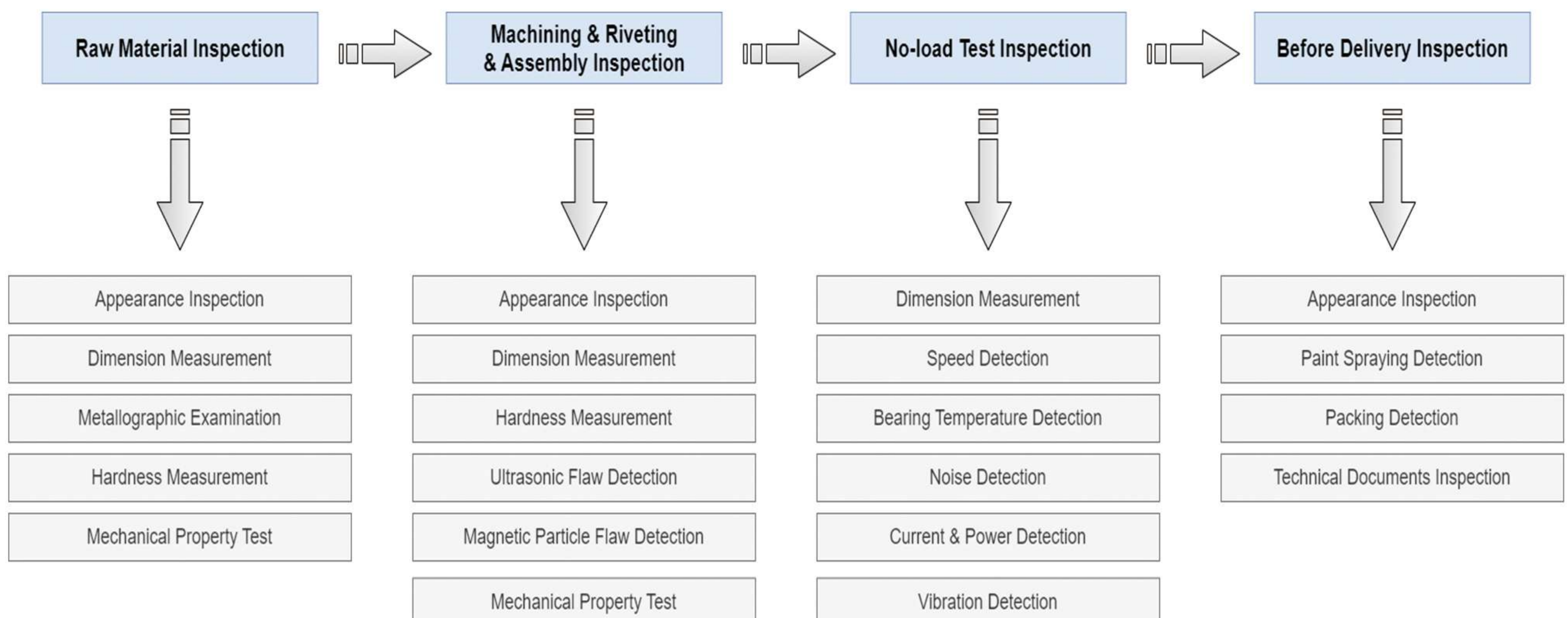
Vibration Test Bench

## Inspection Equipment List

Equipment Name	Equipment Model	Measuring Range	Quantity
Infrared Thermometer	PT30L	0–350°C	3
Noise Level Meter	NA-42	10–164dB	2
Eddy Current Displacement And Amplitude Measuring Instrument	ZZF-1-2-6-D	0–10mm	1
Computer Simulation Test System Of Vibration Screen	VSSS1000	/	2
Motor Withstand Voltage Tester	3000V	/	2

Equipment Name	Equipment Model	Measuring Range	Quantity
Paint Film Thickness Meter	QUJ	0-3mm	3
Steel Non-destructive Testing Separator	SGF-22W	/	3
Hardness Tester	HRST-150	0-100HD	7
Roller Resistance Test Table	RS-219	60-219mm	6
Digital Crack Tester	EMG100E	/	5
Trilinear Coordinates Measuring Instrument	GLOBAL Classic	500-2000mm	3
Roller Life Test Bench	RT-219	60-219mm	12
Vibration Test Bench	VT-200X600	50-1000KN	1
Ultrasonic Flaw Detector	SUT-518	0-5999mm	3
Magnetic Particle Flaw Detector	CJE-1	25-225mm	1
Currency Test When Running	UT253	0.01 mA-2000A	3
Surface Roughness	NDT150	0.25 mm 0.8 mm,2.5 mm	3

## Inspection Process



# PACKING AND DELIVERY

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Our logistics service team develops the most scientific and economical packaging scheme according to the situation of the equipment itself.

At the same time, we maintain a good cooperative relationship with domestic and world-renowned logistics companies to ensure that our equipment can be timely and safely transported to the customer's designated place.





# PERFECT SERVICE

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From the request of the client to the operation of the project, we provide a customized full service for your project. Our professionally qualified team supports customers worldwide with extensive manufacturing knowledge.

Our After-sales service team provides our customers with the support, training, spare parts and service to improve their production processes and reduce maintenance and downtime in order to keep their projects running efficiently and achieve maximum economic benefits.

- ▶ Project Feasibility Study
- ▶ Project Design And Site Planning
- ▶ Model Selection And Proposal
- ▶ Model Selection Calculation
- ▶ 3d Modeling And Drawings
- ▶ Civil Design
- ▶ Guide Installation
- ▶ Guide Commissioning
- ▶ Training Service
- ▶ Remote Diagnosis
- ▶ Maintenance Schedule
- ▶ Spare Parts Support

## Pre-sales Service Commitment

- Form a project team and develop a project bidding plan according to the requirements of the tender;
- Submit technical documents and information related to the bidding equipment (including equipment general assembly drawings, dimensional drawings, foundation drawings, etc.);
- Submit the commercial information and other information required by the tender.





## Service Commitment In The Sale

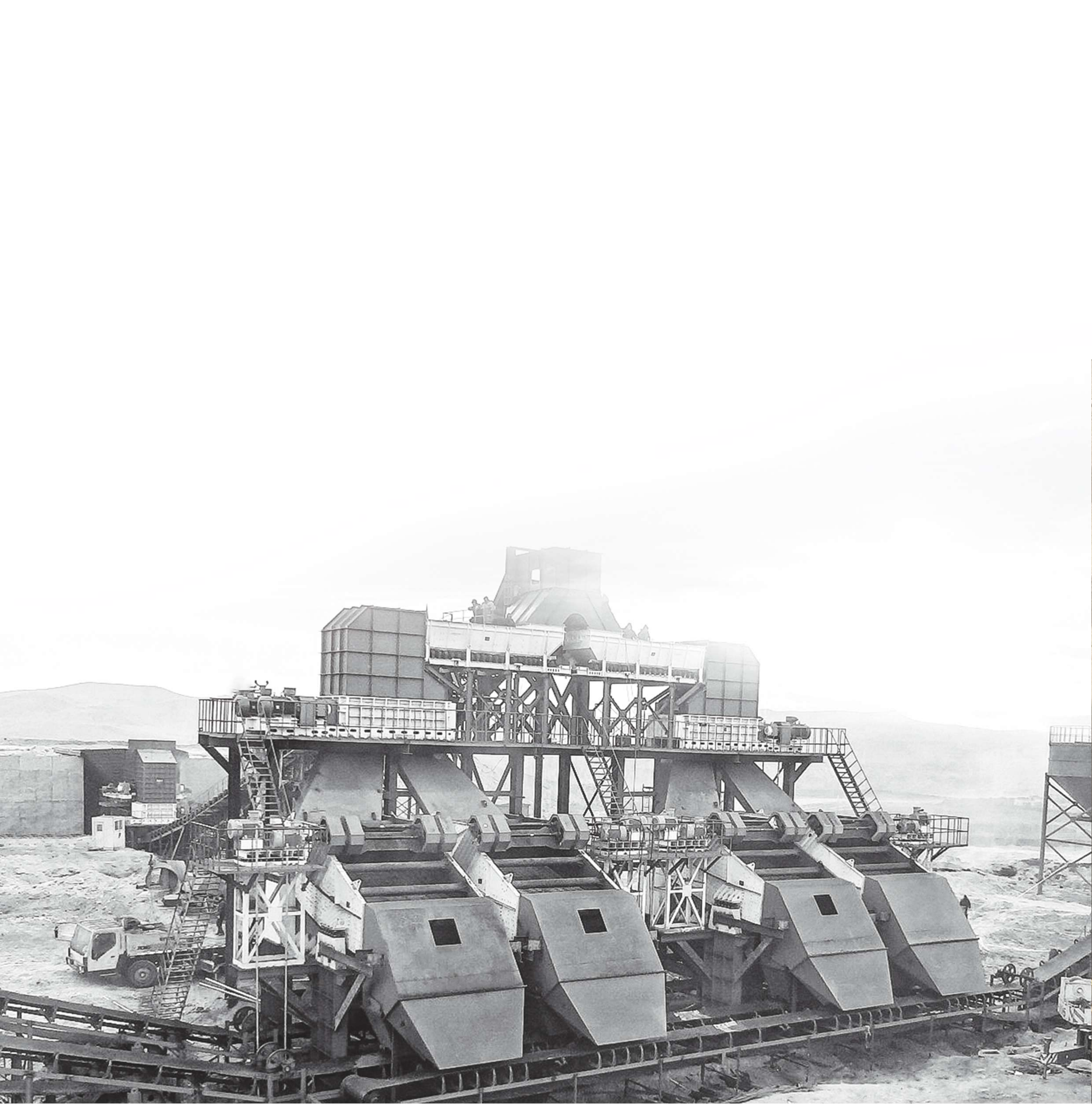
- Provide free on-site measurement and design according to user requirements;
- After perfecting the design according to the customer's requirements, ask the user to sign the approval to achieve user satisfaction;
- Provide equipment foundation drawings and related technical information within three days after signing the contract.



## After-sales Service Commitment

- Installation and commissioning: competent technical personnel will be selected to guide the installation and commissioning of the product at the user's site free of charge, explaining in detail the technical information and essentials of product installation and commissioning, providing comprehensive technical services and the necessary correct demonstration, assisting in solving technical problems in installation and commissioning, and confirming the quality of installation;
- Technical training: responsible for free training of technical workers at the user's site. So that the user personnel can correctly understand the working principle of the product and correctly master the operation, inspection, maintenance, repair and other skills that should be known;
- Spare parts supply: long-term preferential supply of qualified spare parts for the product required by the demand side; outsourcing of wearable spare parts to the user to provide drawings, the user can purchase their own;
- If the quality of the operating equipment appears due to equipment failure, make a clear reply within 1 hour after receiving the notice. Within 24 hours to the scene, if necessary, the main designer and experts to the scene to solve, until the troubleshooting, resume production, to ensure user satisfaction;
- The quality of the product is "three packages" and the warranty period is one year.





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