



CRUSHING AND SCREENING EQUIPMENTS

EFFICIENT, SMART
GREEN, ECO FRIENDLY

SHANDONG MIX MACHINERY EQUIPMENT CO., LTD.

Address: No.88 Qizhong Road,Qihe County,Shandong,China

Tel: (0086)534-5690688

Hotline: 400 618 8808

Website: www.sdmix.cn

Email: sales@sdmix.cn

SHANDONG MIX MACHINERY EQUIPMENT CO., LTD.

COMPANY PROFILE



SD Mix Machinery Equipment Co., Ltd. is an engineering equipment manufacturer, specializing in innovation, development, manufacturing and sales of concrete mixer, screw conveyor, crusher and screen. Products are widely used in high-speed railways, highways, airports, ports, bridges, commercial concrete mixing, urban construction waste and other solid waste resource treatment, mountain restoration, ore mining, crushing and screening industries.

The company covers an area of more than 11 hectares, with a standardized production workshop of 58,000 m², and has more than 100 sets of high-end, fine-scale, and general-purpose equipment, including 37 sets (sets) of large-scale, fine-scale, and thin-scale equipment, large-scale CNC machine tools, machining centers, large-scale laser cutting. The equipment and welding robots are all well-known brands at home and abroad, which ensures the company's production and processing strength.

The company has more than 70 patents, has passed ISO quality management system certification, environmental management system certification, occupational health and safety management system certification, obtained EU CE certification, and established Dezhou Engineering Laboratory, Key Laboratory, and Enterprise Technology Center. Since 2015, it has maintained the title of national high-tech enterprise. In 2020, the crawler-type mobile crushing station developed by the company was rated as the first set of technical equipment by Shandong Provincial Department of Industry and Information Technology. In 2021, it was rated as a technology-based small and medium-sized enterprise.

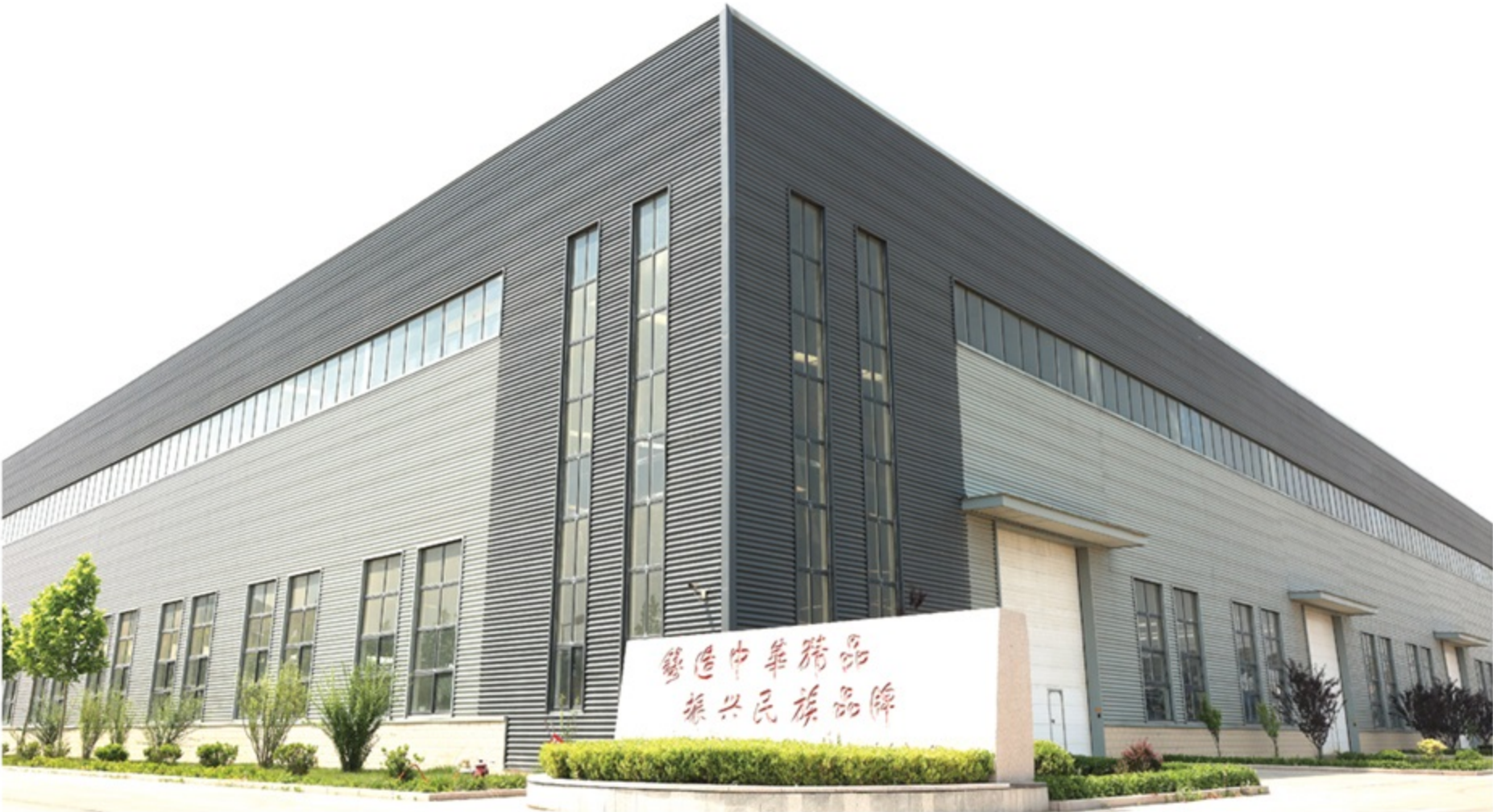
Technological progress and excellent equipment have become the booster for the company's leapfrog development. With excellent product quality and first-class sales service, the company has become a strategic partner of many well-known construction machinery manufacturers. The company has offices in more than 20 provinces and cities across the country, and has established branches in Weifang, Chengdu, and Wuhan. Products are exported to dozens of countries and regions such as the United States, Russia, Turkey, Brazil, Vietnam, Thailand, and New Zealand.

The company is committed to providing the highest quality equipment for green mines and building solid waste recycling; providing the most valuable products and services for improving the urban environment, reducing resource waste and turning waste into treasure. Adhering to the development concept of "creating excellent products with cutting-edge technology and shaping quality services with professionalism and efficiency", relying on the support and trust of our customers, we provide users with professional and efficient sand and gravel aggregate crushing and urban solid waste materials, bridges, roads, and tunnels Solutions for the comprehensive utilization of excavated stone.

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CULTURE



PERSPECTIVE

FOUNDING CHINA BOUTIQUE, PROMOTING NATIONAL BRAND.



DUTY

TO CONTRIBUTE IN IMPROVING OUR ECO AND LIVING ENVIRONMENT, BY EFFECTIVELY UTILISE OUR RESOURCES.



CORE VALUES

INTEGRITY PROFESSIONAL INNOVATION PASSION

HONORS



EMJ107

TRACK MOUNTED MOBILE JAW CRUSHER

INTRODUCTION:

It is a high-efficiency crushing equipment integrating feeding, crushing and discharging, which is suitable for primary crushing. The equipment is suitable for a wide range of materials, from hard to soft rock, recycled material with or without reinforcement, scrap, bitumen and slag, and is used extensively in mining operations.

The user-friendly equipment characteristic control system optimizes equipment production capacity, simplifies the frequency of operation and maintenance, improves stable production time, and comprehensively improves equipment performance and overall safety.

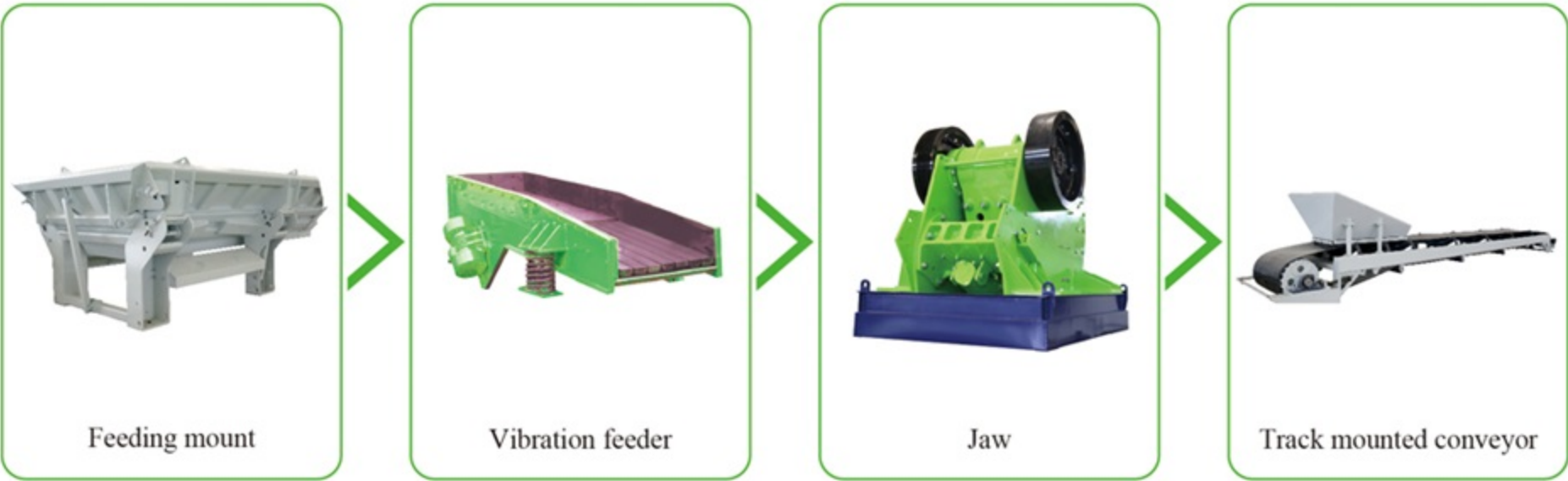
The oil-electric dual-purpose jaw crusher station can cope with various working conditions and is widely used in mine crushing, bridge tunnels, construction projects, construction waste recycling and other fields. It is suitable for crushing river pebbles, granite, mountain rocks, ore tailings and other materials.

FEATURES:

- 1. Optimize fuel efficiency;
- 2. Minimised the amount of dust, and Eco-friendly;
- 3. Electric drive, fuel and electricity dual-purpose, adapt to a variety of complex environments;
- 4. User-friendly PLC control system and color screen, easy to operate;
- 5. For impurities in the feed, the iron remover can provide you with maximum production stability;
- 6. Deep cavity crushing, safe and efficient, improving feeding capacity and output;
- 7. Simple maintenance and low cost of use;
- 8. High-performance main engine, hydraulic adjustment of the discharge port of the main engine, safe and reliable.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | For primary crushing of aggregate processing, solid waste processing, mining, etc., the generator set that comes with the equipment can be used, and the power grid can also be set up. |
| Maximum feeding rate | 350t/h |
| Feeder size | 1060×750 |
| Feeder adjustable size | 50-150mm |
| Power | 240kW |
| Weight | Around 52t |
| Transportational size (L×W×H/mm) | 19000×3200×3920 |
| Operational size (L×W×H/mm) | 19600×7100×5400 |

EMI130 TRACK MOUNTED MOBILE IMPACT CRUSHER

INTRODUCTION:

It is a high-efficiency crushing equipment integrating feeding, screening and crushing, designed to meet the strict requirements for product quality. This series of products has undergone rigorous testing and is designed for high performance and reliability, which can meet the requirements of different working conditions and provide high-quality and high-quality finished products.

The user-friendly equipment characteristic control system optimizes equipment production capacity, simplifies the frequency of operation and maintenance, improves stable production time, and comprehensively improves equipment performance and overall safety.

This series of crushing stations includes oil-electric dual-purpose type, oil-electric hybrid type and pure electric type. With a range of equipment options for specific process requirements, you will benefit from excellent maneuverability and high-quality process performance, enabling efficient production in two different applications, quarrying and resource recovery.

FEATURES:

1. Optimize fuel efficiency;
2. The current sensor can adjust the feeding and optimize the crushing output;
3. Electric drive, oil-electric dual-purpose or oil-electric mixed use, adapting to various complex environments;
4. User-friendly PLC control system and color screen, easy to operate;
5. For the impurities in the feed, the iron remover can sort and transport the iron impurities to the outside of the equipment;
6. With overload protection function, it can reduce the damage rate of hydraulic components and main engine crushing components;
7. Large crushing cavity and high inertia rotor increase crushing capacity.



WORKFLOW:



PRODUCT DETAILS:

| Item | Hybrid of fuel and electricity | Fuel and Electricity | Electricity Only |
|----------------------------------|--|----------------------|------------------|
| Usage | For primary crushing of aggregate processing, solid waste processing, mining, etc., the generator set that comes with the equipment can be used, and the power grid can also be set up | | |
| Maximum feeding rate | 300t/h | 300t/h | 250t/h |
| Maximum feeding size | 600mm | 600mm | 500mm |
| Feeder adjustable size | 0-100mm | 0-100mm | 0-100mm |
| Power | 368kW | 368kW | 255kW |
| Weight | Around 65t | Around 72t | Around 46t |
| Transportational size (L×W×H/mm) | 19000×3300×3920 | 22300×3495×4010 | 17000×3230×3940 |
| Operational size (L×W×H/mm) | 19600×7100×5400 | 23000×8400×5150 | 18000×7700×4480 |

EMC300(RS) TRACK MOUNTED MOBILE CONE CRUSHER

INTRODUCTION:

It is a high-efficiency crushing equipment integrating feeding, screening and crushing, designed to meet the strict requirements for product quality. This series of products has undergone rigorous testing and is designed with high performance and reliability, which can meet the requirements of different working conditions and provide high-quality and high-quality finished products.

The user-friendly equipment characteristic control system optimizes equipment production capacity, simplifies the frequency of operation and maintenance, improves stable production time, and comprehensively improves equipment performance and overall safety.

The oil-electric powerful cone crusher can handle the most challenging working conditions. With a range of equipment options for specific process requirements, you'll benefit from excellent maneuverability and high-quality process performance, enabling efficient production in both quarrying and resource recovery applications.

FEATURES:

- 1. Optimize fuel efficiency;
- 2. The current sensor can adjust the feeding and optimize the crushing output;
- 3. Electric drive, oil and electricity dual-purpose, adapt to a variety of complex environments;
- 4. User-friendly PLC control system and color screen, easy to operate;
- 5. For the impurities in the feed material, the metal detector can provide you with maximum production stability and iron protection (optional parts);
- 6. An optional pre-screening device can increase the crushing output and improve the service life of the wear-resistant parts of the equipment (optional parts).



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|--|
| Usage | It is used for secondary crushing in the secondary and tertiary crushing stages, and is suitable for the regeneration and utilization of medium and high hardness natural stones and mine ore resources. |
| Maximum feeding rate | 340t/h |
| Maximum feeding size | 200mm(Medium coarse crushing cavity) |
| Feeder adjustable size | 10-45mm |
| Power | 364kW |
| Weight | Around 68t |
| Transportational size (L×W×H/mm) | 19000×3200×3920 |
| Operational size (L×W×H/mm) | 19600×7100×5400 |

EMS933 TRACK MOUNTED MOBILE SCREEN

INTRODUCTION:

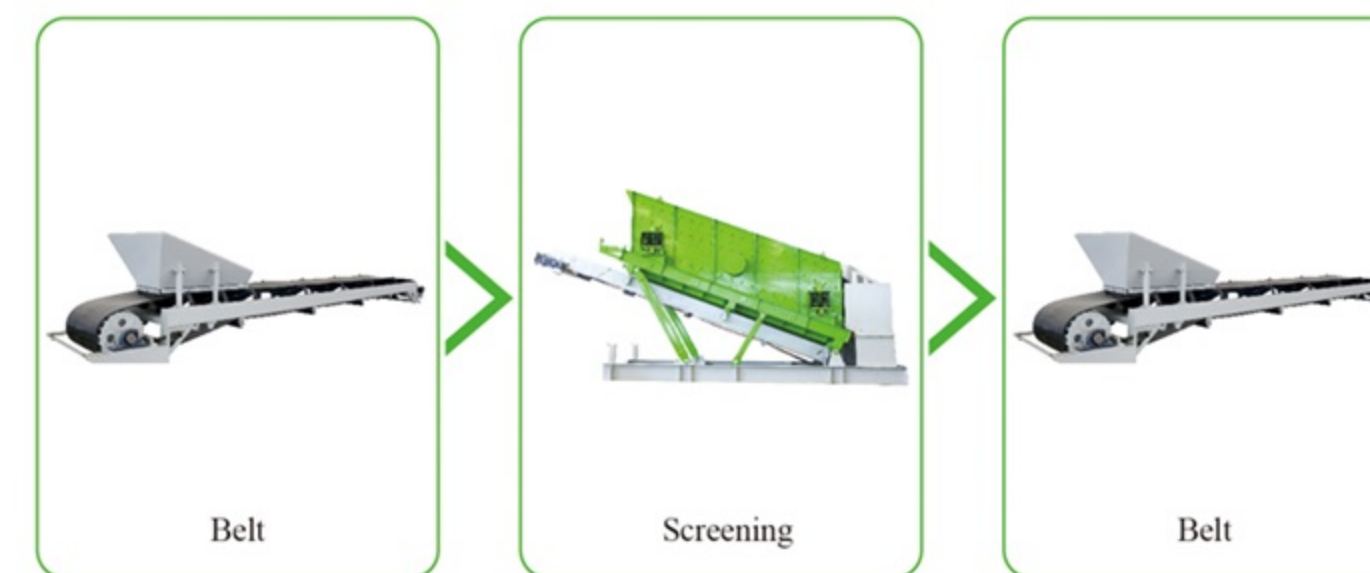
It is a high-efficiency screening equipment integrating material receiving, conveying, screening and other process equipment. Through the optimization of the process flow, it has excellent screening performance. Through the combination of different models, a powerful crushing and screening operation line can be formed to complete the multi-demand processing operations. It is widely used in mine crushing, bridge tunnel, construction engineering, construction waste recycling and other fields. It is suitable for screening and sorting materials such as granite, limestone, concrete, etc.

FEATURES:

1. Optimize fuel efficiency;
2. Electric drive, fuel and electricity dual-purpose, adapt to a variety of complex environments;
3. User-friendly PLC control system and color screen, easy to operate;
4. Spray dust removal;
5. High-efficiency circular vibrating screen to improve screening efficiency;
6. The equipment has reliable performance and high output.



WORKFLOW:



PRODUCT DETAILS:

| Items | Fuel Only | Fuel and Electricity |
|----------------------------------|---|-----------------------|
| Usage | Finished sieve or raw material sieve, suitable for resource recycling of all natural stones and mine ores | |
| Production rate | Below 32mm 200-280t/h | Below 32mm 200-280t/h |
| Maximum feeding size | 200mm | 200mm |
| Screen's size | 1520×6100mm·mm | 1520×6100mm·mm |
| Level of screening | 3 | 3 |
| Screening Frequency | 20-24HZ | 20-24HZ |
| Screen's inclining angle | 13-19 degrees | 13-19 degrees |
| Power | 106kW | 90kW |
| Weight | Around 38t | Around 38t |
| Feeder's size | 8m³ | 8m³ |
| Expanded size (L×W×H/mm) | 19500×17800×7100 | 19500×18500×7400 |
| Transportational size (L×W×H/mm) | 20000×3000×3500 | 20000×3200×3800 |

EMV2000(RS) TRACK MOUNTED MOBILE VSI

INTRODUCTION:

It is a high-efficiency crushing equipment integrating screening and crushing, designed to meet the needs of 3rd and 4th stage crushing. The user-friendly equipment characteristic control system optimizes the equipment production capacity, simplifies the frequency of operation and maintenance, improves the stable production time, comprehensively improves the performance of the equipment and the overall safety.

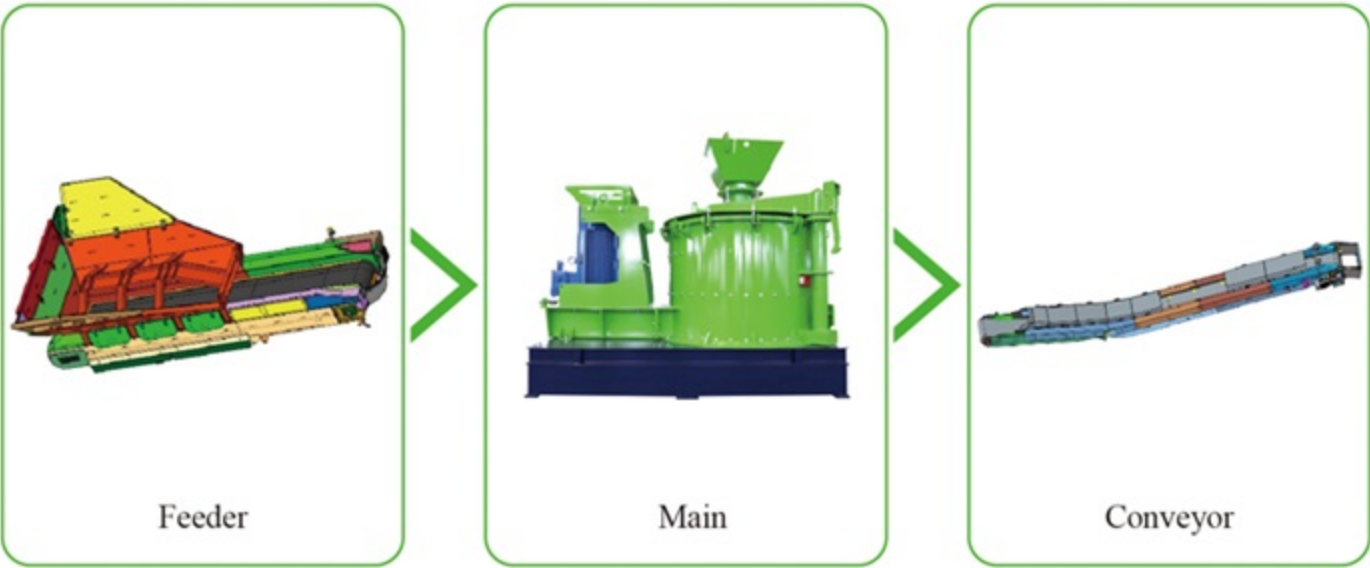
Through the combination of different models, a powerful crushing and screening operation line can be formed to complete multi-demand processing operations. It is widely used in mine crushing, bridge tunnel, construction engineering, construction waste recycling and other fields. It is suitable for crushing granite, limestone, concrete and other materials.

FEATURES:

- 1. Optimize fuel efficiency;
- 2. The current sensor can adjust the feeding and optimize the crushing output;
- 3. Electric drive, oil and electricity dual-purpose, adapt to a variety of complex environments;
- 4. User-friendly PLC control system and color screen, easy to operate;
- 5. For impurities in the feed, the metal detector can provide you with maximum production Stability and iron protection (optional parts);
- 6. According to different operation applications, it provides two working modes of ROR and ROI model;
- 7. The rotor speed of the crusher can be adjusted to optimize the crushing output;
- 8. The main engine is lubricated with thin oil, air-cooled to cool down, and high-temperature alarm.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | It is used for 3rd and 4th stage crushing, and is suitable for the recycling of medium and high hardness natural stones and mine ore resources. |
| Maximum feeding rate | 250t/h |
| Feeding size | Smaller than or equal to 50mm |
| Production rate | 250t/h |
| Power | 364kW |
| Weight | 53.5t |
| Transportational size (L×W×H/mm) | 21000×3100×3850 |
| Operational size (L×W×H/mm) | 21100×4750×4800 |

EKH1211

MODULAR HAMMER CRUSHER (FOR MIXING PLANTS)

INTRODUCTION:

It is a newly developed special crushing station for mixing plants, which is suitable for crushing and screening batches of rubble, solidified cement blocks, and construction waste.

The main engine adopts the mature hammer crushing and screening equipment in the industry, which integrates crushing, screening and dust removal. As an auxiliary equipment of the mixing station, it is suitable for the supply of sand and gravel in various mixing stations.

It is suitable for rock materials with medium hardness below 600mm, and the production capacity is 150t/h.

FEATURES:

Eco friendly:

1. Act as an auxiliary equipment of the mixing station, energy saving and environmental protection;
2. Closed design, equipped with dust removal;
3. There is a sprinkler device at the unloading point of the belt to reduce dust spillage.

Cost:

1. Low purchase cost;
2. Fast cost recovery;
3. Large crushing ratio and high crushing efficiency;
4. Low maintenance cost;
5. Realize the reuse of waste materials and reduce the cost of aggregates.

Easy to use:

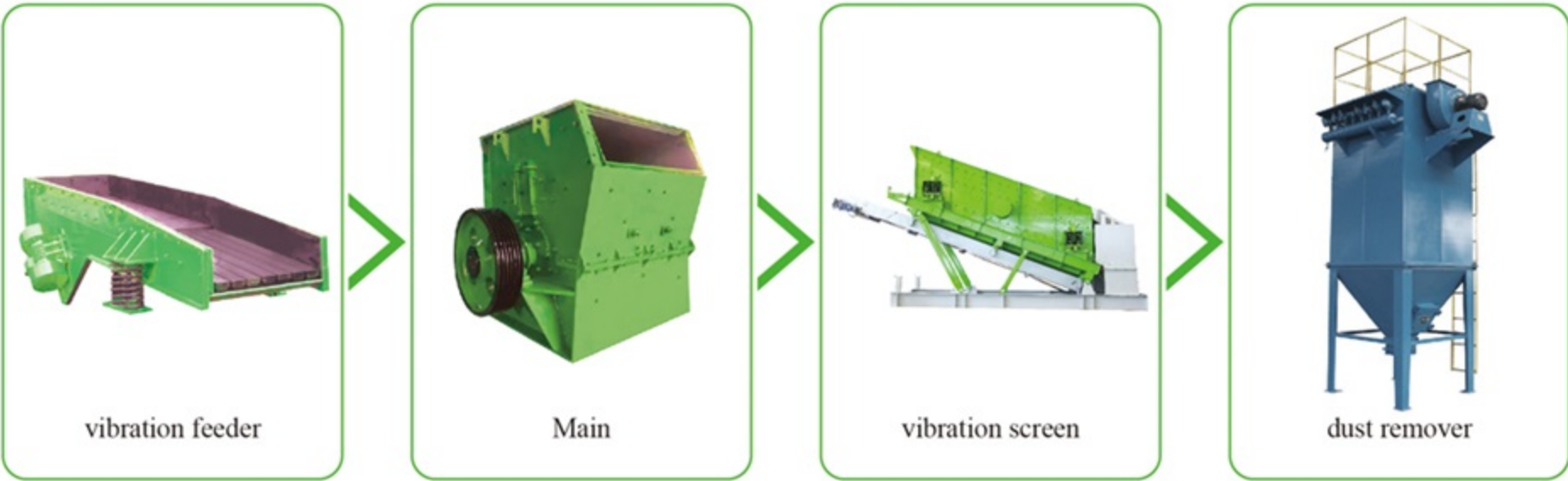
1. Modular design, highly integrated;
2. High productivity and easy operation;
3. Small size, easy to transport;
4. It occupies a small area and does not affect the production of the mixing station.

Reliability:

1. Mature hosts and vibrating screening equipment in the industry;
2. The output size is adjustable and the application range is wide;
3. Stable performance;
4. High-performance plates for structural parts.



WORKFLOW:



PRODUCT DETAILS:

| | |
|--|---|
| Usage | It is used for secondary crushing in the primary and secondary crushing stages, and is suitable for the recycling of medium and low hardness natural stones and mine ore resources. |
| Maximum feeding rate | 150t/h |
| Feeding size | Smaller than 400mm |
| Production rate | 150t/h |
| Power | 190kW |
| Weight | 63t |
| Transportational size (L×W×H/mm, not including the conveyor) | 22000×3300×4000 |
| Operational size (L×W×H/mm, including the conveyor) | 21300×26933×6647 |

EKH1418 MODULAR HAMMER CRUSHER (ECO-FRIENDLY)

INTRODUCTION:

EKH1418 series modular hammer crushing station is a comprehensive working condition crushing station newly developed by Micos. It can be used in various working conditions such as mixing stations, tailings treatment, and construction waste reuse.

This product adopts the industry's mature crushing and screening equipment, which integrates crushing, screening and dust removal. It is more suitable for working sites with stricter environmental protection requirements. It is suitable for rock materials with medium hardness below 600mm, and the production capacity is 300t/h.

FEATURES:

Eco-friendly:

- 1. Module encapsulation design;
- 2. Equipped with dust removal facilities;
- 3. The belt conveyor is equipped with water shower.

Reliability:

- 1. High-quality host with stable performance;
- 2. The structural parts are directly formed by high-strength plates, with strong bearing capacity;
- 3. Enhanced screening equipment.

Easy to use

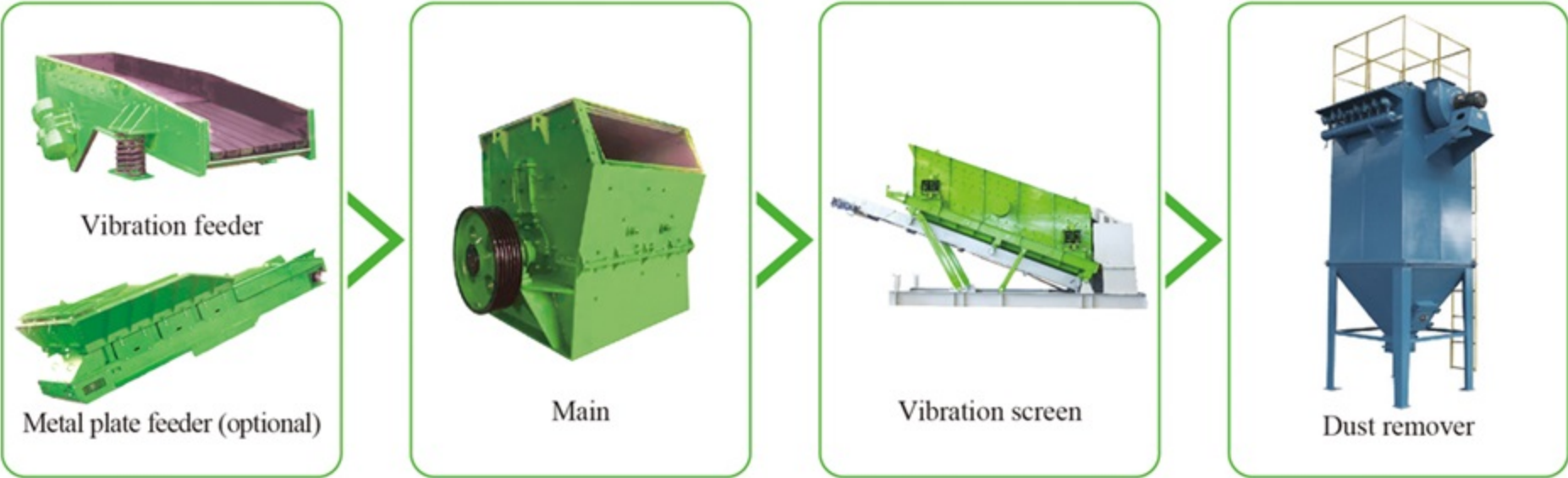
- 1. Modular design, high concentration;
- 2. Small size, easy to transport;
- 3. Simple operation and installation;
- 4. The discharge is adjustable and the application range is wide.

High performance:

- 1. Low cost and fast payback;
- 2. High production efficiency, large crushing ratio and good molding;
- 3. Simple maintenance and multi-working conditions.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | It is used for secondary crushing in the primary and secondary crushing stages, and is suitable for the recycling of medium and low hardness natural stones and mine ore resources. |
| Maximum feeding rate | 350t/h |
| Feeding size | Smaller than or equal to 600mm |
| Production rate | 350t/h |
| Power | 310kW |
| Weight | 72t |
| Transportational size (L×W×H/mm) | 19100×3600×4175 |
| Operational size (L×W×H/mm) | 19000×5000×8200 |

EKJ107 MODULAR JAW CRUSHER

INTRODUCTION:

It is an efficient crushing equipment integrating feeding, crushing and conveying. Equipped with an integrated fixed chassis, fast transportation, installation and commissioning can be realized through the folding of the hopper and the belt.

This equipment is widely used in the primary crushing of mines, bridges and tunnels, construction projects, construction waste recycling and other fields. It is suitable for crushing hardened materials such as river pebbles, granite, mountain rocks, ore tailings, etc.

Equipped with the EJ42 jaw crusher main engine independently developed by the company. It has the characteristics of large feed particles, stable performance, safety and reliability.

FEATURES:

Eco-friendly:

- 1. Closed-structure design to support noise reduction and dust suppression;
- 2. Equipped with dust removal facilities;
- 3. The belt conveyor is equipped with water spray.

Easy to use:

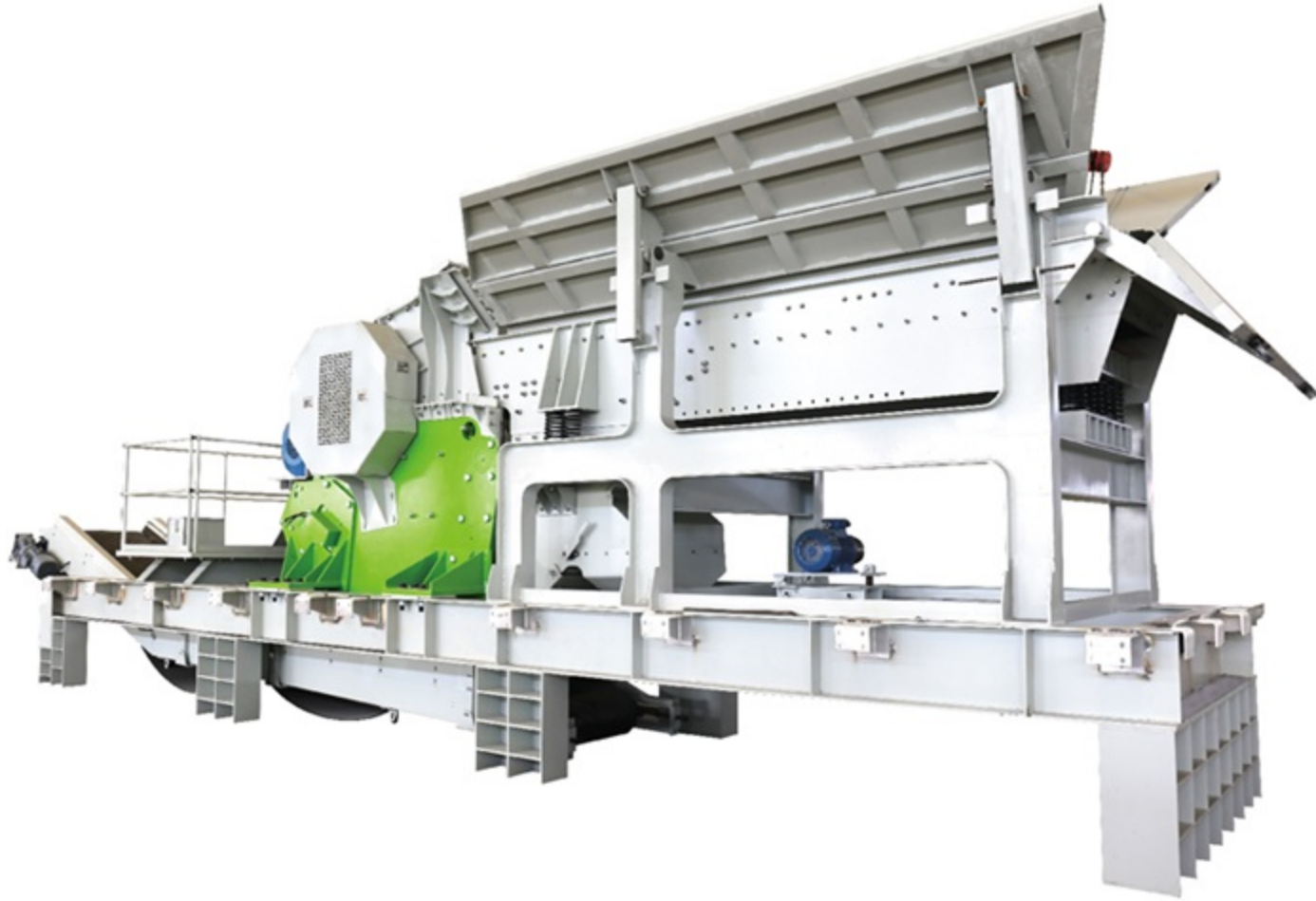
- 1. Modular design, easy to transport and install;
- 2. Simple structure and user-friendly operation system;
- 3. The discharge is adjustable and the application range is wide.

High performance:

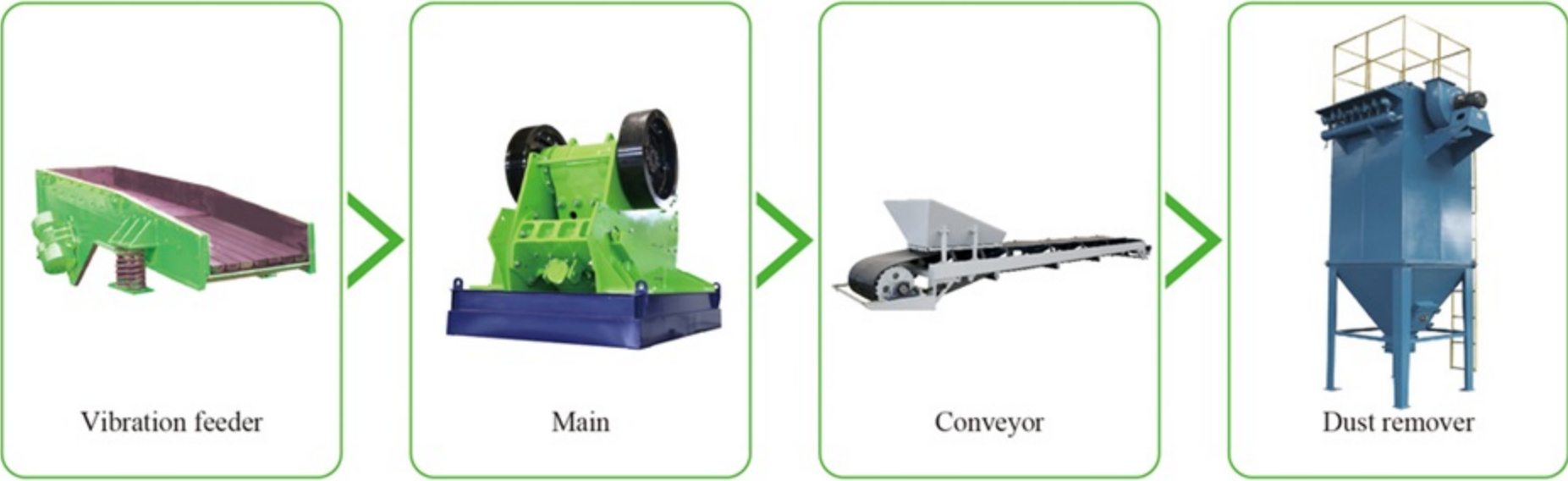
- 1. Deep cavity design, large crushing ratio, high efficiency and safety;
- 2. Unique flywheel design, low vibration, low energy consumption, and more stable operation;
- 3. The frame is connected by high-strength plate bolts + cylindrical pins, which eliminates the stress concentration problem caused by the casting process and has higher reliability.

Reliability:

- 1. Large mouth feeding, satisfying 900*600MM materials;
- 2. The new "V"-shaped crushing cavity increases the crushing capacity by 20%;
- 3. FAG self-aligning roller bearing + labyrinth shaft end seal, strong fatigue resistance and longer service life;
- 4. High-strength cast steel brackets are stronger than traditional cast iron brackets.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | For primary crushing of aggregate processing, solid waste processing, mining, etc., the generator set that comes with the equipment can be used, and the power grid can also be set up. |
| Maximum feeding rate | 350t/h |
| Feeder size | 1060×750 |
| Feeder adjustable size | 50-150mm |
| Power | 140kW |
| Weight | Around 45t |
| Transportational size (L×W×H/mm) | 13350×3250×3750 |
| Operational size (L×W×H/mm) | 13100×7100×4230 |

EKI130Z MODULAR IMPACT CRUSHER AND SCREEN

INTRODUCTION:

The overall modular design of EK1130Z Modular Impact Crusher and Screen integrates feeding, crushing, and conveying. It is equipped with an integrated fixed chassis, and can be quickly transported, installed, and debugged by lifting the vibrating screen and folding the belt.

It is suitable for processing blasted natural stone, asphalt mixture and demolition residue, as well as the reuse of construction waste, and produces high-quality finished products.

FEATURES:

Eco-friendly:

- 1. Closed-structure design to support noise reduction and dust suppression;
- 2. Equipped with dust removal facilities;
- 3. The belt conveyor is equipped with water spray.

Smart:

- 1. High crushing ratio, the crushing chamber allows large feed particle size and small discharge particle size;
- 2. Large material protection;
- 3. Over-iron protection device.

Easy to use:

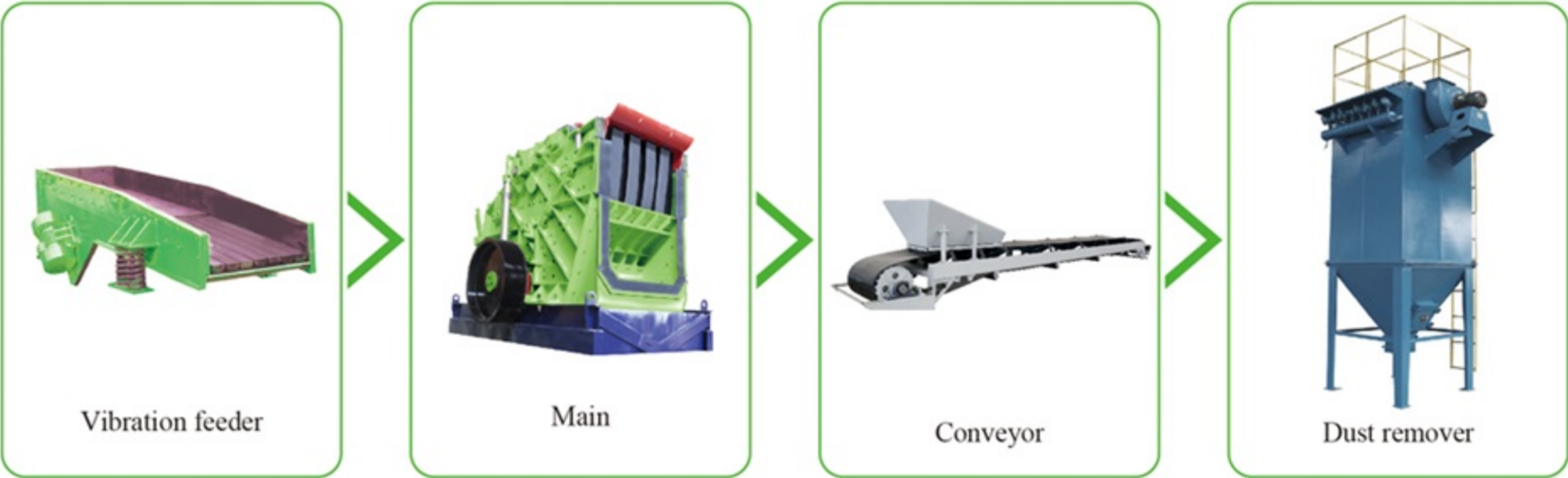
- 1. Modular design, high concentration;
- 2. Hydraulic adjustment, easy maintenance;
- 3. Automatic adjustment of discharge opening, precise positioning.

High efficiency:

- 1. Large processing capacity and high yield;
- 2. High inertia rotor ensures fast crushing of materials;
- 3. Efficient wear-resistant parts and castings;
- 4. High crushing efficiency and combination of various discharge particle types.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | It is used for secondary crushing in the primary and secondary crushing stages, and is suitable for the recycling of medium and low hardness natural stones and mine ore resources. |
| Maximum feeding rate | 250t/h |
| Maximum feeding size | 500mm |
| Feeder adjustable size | 0-100mm |
| Power | 230kW |
| Weight | Around 43t |
| Transportational size (L×W×H/mm) | 13100×3420×3872 |
| Operational size (L×W×H/mm) | 13200×9170×3960 |

EKC300 MODULAR CONE CRUSHER

INTRODUCTION:

It is an efficient crushing equipment integrating screening, crushing and conveying. Widely used in mining, construction waste recycling, coal mines and metal mines and other fields of crushing. Suitable for granite, limestone, basalt, concrete and other materials.

FEATURES:

Eco-friendly:

1. Closed-structure design to support noise reduction and dust suppression;
2. Equipped with dust removal facilities;
3. The belt conveyor is equipped with water spray.

High efficiency:

1. Lamination crushing, high yield;
2. Full hydraulic iron release;
3. The hydraulic motor drives the fixed cone.

Easy to use:

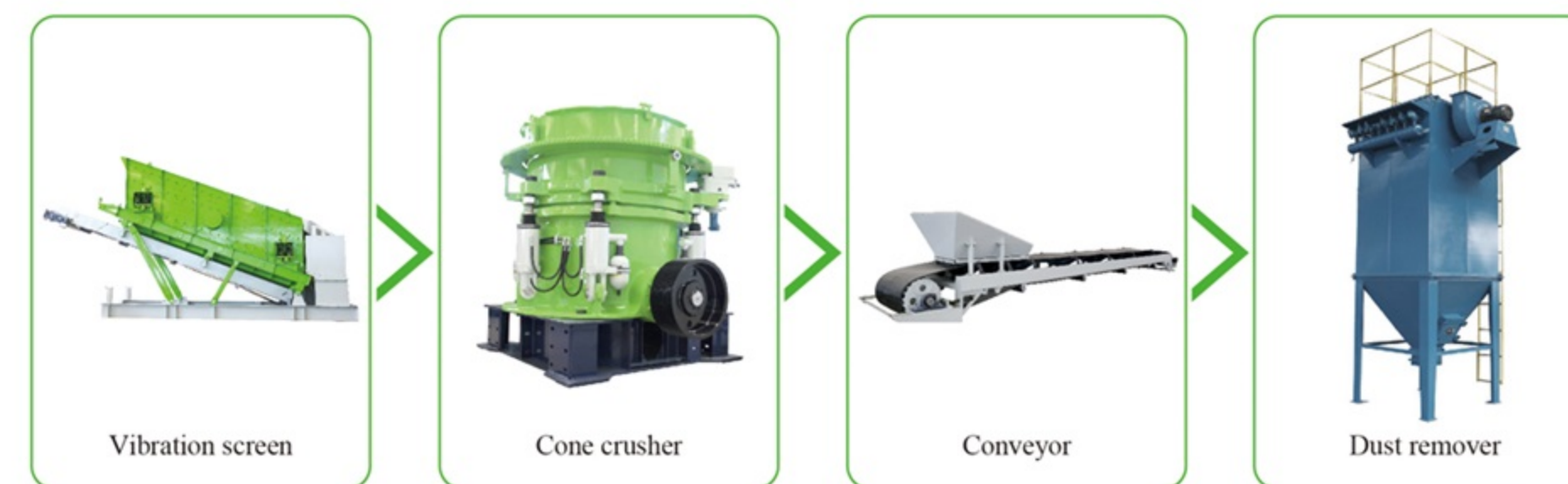
1. Modular design, easy to transport and install;
2. Simple structure, simple maintenance and convenient operation;
3. It can realize the multi-purpose function of one frame (single cylinder and multi-cylinder common one frame).

Reliability and durability:

1. Heat treatment of steel structure body;
2. The main engine releases oil and lubricates, air-cooled to cool down, and high-temperature alarm;
3. Low failure rate, reliable and stable performance.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|--|
| Usage | It is used for secondary crushing in the secondary and tertiary crushing stages, and is suitable for the regeneration and utilization of medium and high hardness natural stones and mine ore resources. |
| Maximum feeding rate | 350t/h |
| Maximum feeding size | 180mm |
| Feeder adjustable size | 8-36mm |
| Power | 290kW |
| Weight | Around 45t |
| Transportational size (L×W×H/mm) | 16300×3400×3900 |
| Operational size (L×W×H/mm) | 15600×4705×8300 |

EKV2000 MODULAR VERTICAL SHAFT IMPACTOR

INTRODUCTION:

It is an efficient crushing equipment integrating feeding, screening and crushing. Through the combination of different models, a powerful crushing and screening operation line can be formed to complete multi-demand processing operations. It is widely used in mine crushing, bridge tunnel, construction engineering, construction waste recycling and other fields. It is suitable for crushing granite, limestone, concrete and other materials.

FEATURES:

Eco-friendly:

- 1. Closed-structure design to support noise reduction and dust suppression;
- 2. Equipped with dust removal facilities;
- 3. The belt conveyor is equipped with water spray.

Intelligent:

- 1. The unique deep-cavity rotor increases the output by 20%;
- 2. The main engine is lubricated with thin oil and cooled by air;
- 3. Two crushing modes: rock on rock and rock on iron.

User-friendly:

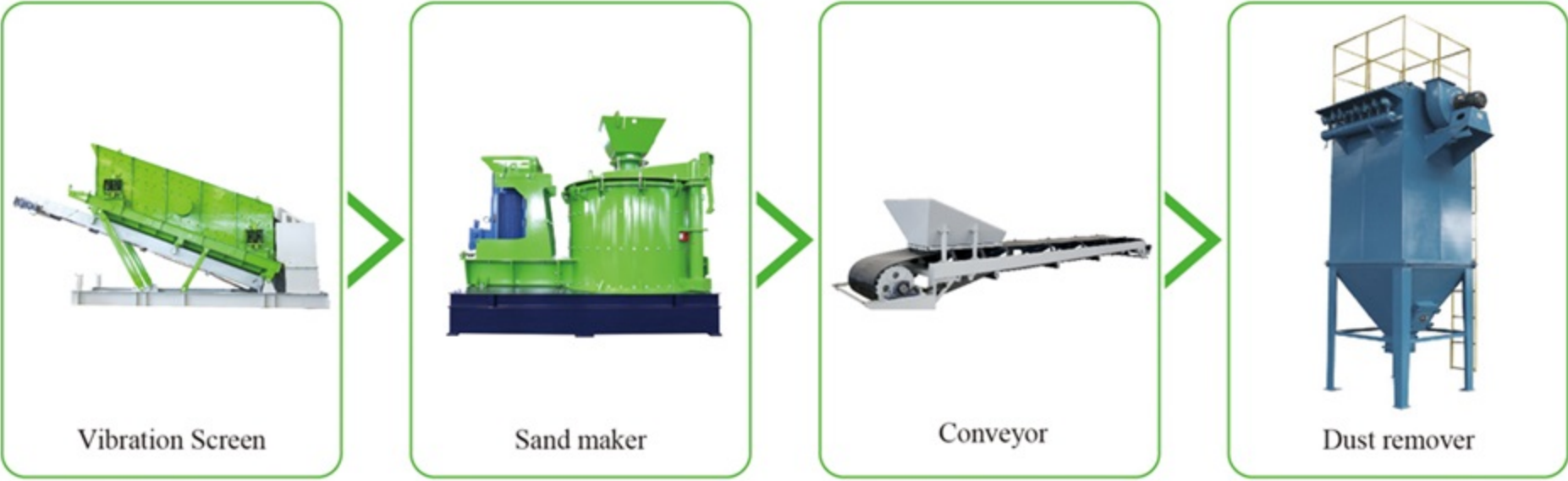
- 1. Modular design, easy to transport and install;
- 2. Parts can be replaced quickly and continuous production can be guaranteed;
- 3. Belt drive, easy maintenance.

Reliability:

- 1. It has the functions of sand making and shaping;
- 2. Good sealing;
- 3. Bearings of well-known foreign brands have stable performance.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | It is used for 3rd and 4th stage crushing, and is suitable for the recycling of medium and high hardness natural stones and mine ore resources. |
| Maximum feeding rate | 250t/h |
| Feeding size | Smaller than or equal to 50mm |
| Production rate | 250t/h |
| Power | 290kW |
| Weight | 48t |
| Transportational size (L×W×H/mm) | 15500×4600×8700 |
| Operational size (L×W×H/mm) | 16280×3400×3960 |

EKS1233 MODULAR SCREENS

INTRODUCTION:

It is a high-efficiency screening equipment integrating feeding, conveying, screening and other process equipment. Through the optimization of the process flow, it has excellent screening performance. Through the combination of different models, a powerful crushing and screening operation line can be formed to complete the multi-demand processing operations. It is widely used in mine crushing, bridge tunnel, construction engineering, construction waste recycling and other fields. It is suitable for screening and sorting materials such as granite, limestone, concrete, etc.

FEATURES:

Eco-friendly:

- 1. Closed-structure design to support noise reduction and dust suppression;
- 2. Equipped with dust removal facilities;
- 3. The belt conveyor is equipped with water spray.

Precise:

- 1. High-performance vibrating screening machine with strong exciting force;
- 2. High screening efficiency;
- 3. There are many screening specifications.

Easy to use:

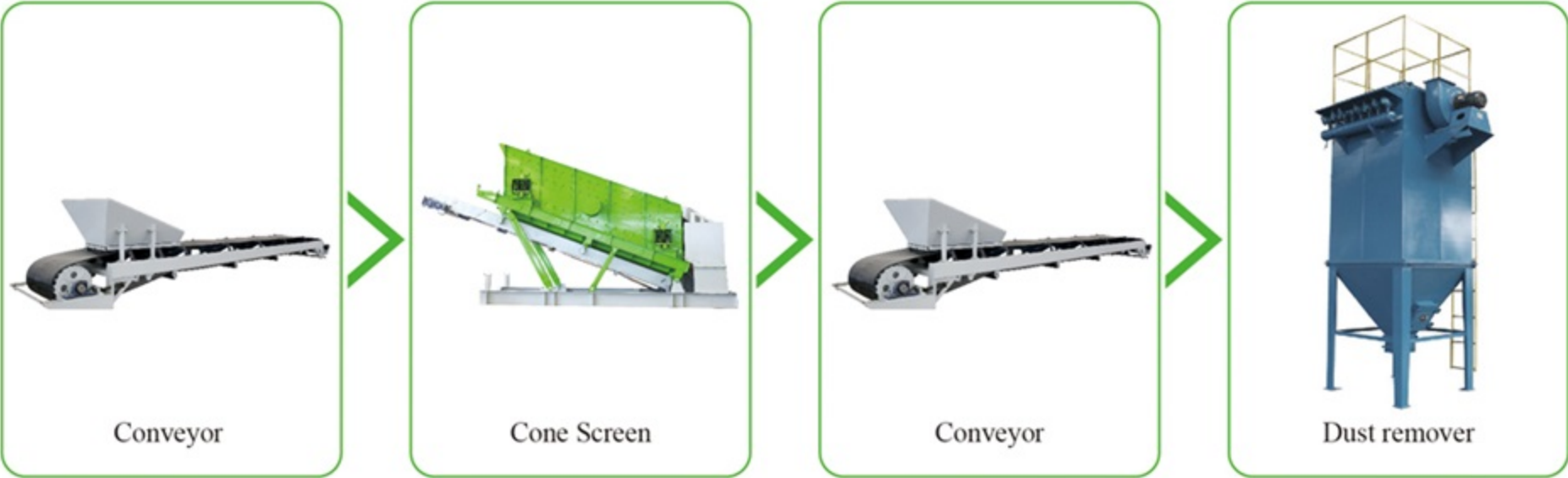
- 1. Modular design, easy to transport and install;
- 2. Simple structure and convenient maintenance;
- 3. Adjustable amplitude, external eccentric block structure.

Durability:

- 1. High-strength bolt connection;
- 2. Brand bearings, drive shaft performance is stable;
- 3. High-quality helical metal spring support, stable performance.



WORKFLOW:



PRODUCT DETAILS:

| | |
|----------------------------------|---|
| Usage | Finished sieve or raw material sieve, suitable for resource recycling of all natural stones and mine ores |
| Production rate | Below 32mm 200-280t/h |
| Maximum feeding size | 200mm |
| Screen size | 1915×5800mm·mm |
| Screening layer | 3 |
| Screening frequency | 18-20HZ |
| Screen's incline angle | 20 degrees |
| Power | 85kW |
| Weight | Around 33t |
| Expanded size (L×W×H/mm) | 15100×14600×5500 |
| Transportational size (L×W×H/mm) | 15000×3500×3500 |

EH SERIES HAMMER CRUSHER

INTRODUCTION:

EH series hammer crusher is a kind of equipment for crushing materials in the form of impact. The motor drives the rotor to rotate at high speed, and the materials are fed into the machine from the upper feeding port, and are impacted, impacted, sheared and ground by the high-speed moving blow bar. smash. The equipment adopts advanced production technology to realize one-time feeding and forming, and has the characteristics of high efficiency, energy saving and environmental protection. The equipment can change the output granularity according to customer needs to meet the needs of different customers. It is suitable for crushing medium-hard materials such as limestone, slag, coke, coal and other materials in mining, cement, chemical industry, metallurgy and other industrial industries.



FEATURES:

1. Can feed large particle , high crushing ratio and high efficiency;
2. Simple structure, compact assembly and convenient maintenance;
3. The material can be crushed at one time, saving manpower and material resources, and reducing the cost of crushing;
4. The particle size of the product is uniform, less over-crushed powder, and the product is reliable;
5. Low energy consumption, economical and practical.

PRODUCT DETAILS:

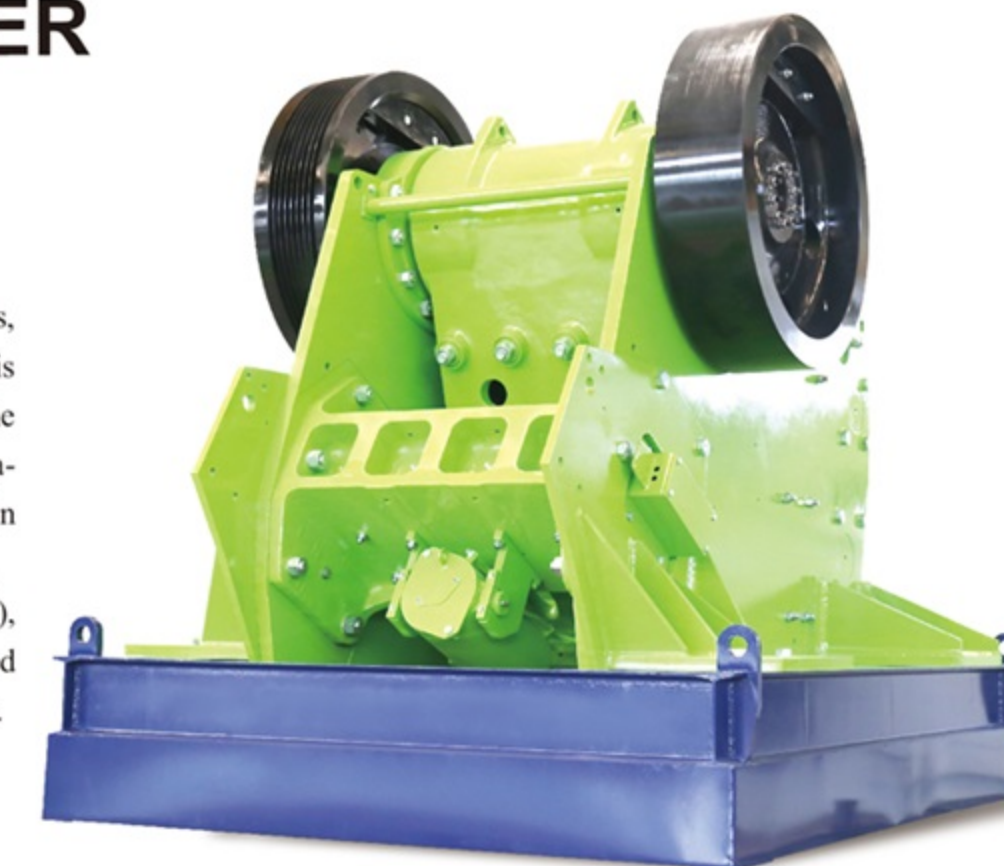
| Model | Motor power(kW) | Feeding port size (mm) | Rotor size(mm) | Feed particle size (mm) | Processing capacity (t/h) |
|--------|-----------------|------------------------|----------------|-------------------------|---------------------------|
| EH1211 | 132 | 1200×600 | 1200×φ1100 | ≤500 | 150 |
| EH1418 | 250 | 1800×900 | 1800×φ1400 | ≤600 | 300 |

EJ42 JAW CRUSHER

INTRODUCTION:

The EJ42 jaw crusher is composed of two jaw plates, the movable jaw and the static jaw. The crushing chamber is composed of two jaws, which simulate the movement of the two jaws of animals to complete the material crushing operation. It is reliable in work, simple in structure and easy in maintenance, so it is widely used in various natural stones.

Crushing of (limestone, river gravel, granite, basalt), construction waste (rubble, road concrete, reinforced concrete), coal mines and metal mines and other industries.



FEATURES:

1. The new "V" type crushing cavity structure is adopted, and the crushing capacity is increased by 20%;
2. Deep cavity design, large crushing ratio, high efficiency and safety;
3. Unique flywheel design + 110KW main motor, low vibration, low energy consumption, and more stable operation;
4. The discharge port is hydraulically adjusted, and the size can be adjusted according to the demand, which is more convenient to use;
5. The frame is connected by high-strength plate bolts + cylindrical pins, which eliminates the stress concentration problem caused by the welding process and has higher reliability;
6. Adopt FAG self-aligning roller bearing + labyrinth shaft end seal, uniform force, strong fatigue resistance and longer service life;
7. High-strength cast steel brackets are stronger than traditional cast iron brackets.

PRODUCT DETAILS:

| Model | Discharge port size (mm) | Motor power (kW) | Processing capacity (t/h) |
|-------|--------------------------|------------------|---------------------------|
| EJ42 | 50-150 | 110 | 150-350 |
| EJ49 | 100-250 | 160 | 320-1270 |
| EJ55 | 125-250 | 200 | 420-1320 |
| EJ63 | 150-300 | 250 | 600-1910 |

PROCESSING CAPACITY:

| CSS(mm) | 75 | 88 | 100 | 115 | 125 | 140 | 150 | 160 | 175 | 200 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Production rate (t/h) | 135-160 | 165-185 | 190-210 | 220-240 | 240-265 | 275-305 | 290-320 | 315-355 | 355-380 | 390-430 |

EI130 IMPACT CRUSHER

INTRODUCTION:

EI130 impact crusher has high capacity and high crushing ratio. It is widely used in medium and low hardness ore crushing, railway, expressway, energy, cement, chemical industry, construction and other industries. The output particle size is uniform and the material particle size is good. It can be used as primary crushing or secondary crushing with high cost performance.



FEATURES:

1. Large output, uniform particle size and excellent particle shape;
2. The crushing chamber with high crushing ratio allows large feed particle size and small discharge particle size;
3. Automatic adjustment of discharge opening, precise positioning;
4. Large material protection, oil cylinder adjustment at the material inlet, allowing large materials to enter the crushing cavity;
5. The first-stage impact plate oil cylinder is buffered by nitrogen to speed up the crushing and protect the impact plate;
6. Over-iron protection device, when the crushing cavity enters the iron block, there is an overload protection device to protect the blow bar and the rotor from damage;
7. High inertia rotor ensures rapid crushing of materials;
8. Efficient wear-resistant parts and castings ensure the service life of the equipment.

PRODUCT DETAILS:

| Model | Machine weight(kg) | Machine power (kW) | Motor speed(rpm) | Feeding capacity (t/h) |
|-------|--------------------|--------------------|------------------|------------------------|
| EI130 | 17800 | 250 | 1450 | 400 |

PROCESSING CAPACITY:

| Maximum feed size | 600 | 450 | 300 | 200 | 100 |
|---------------------|-----|-----|-----|-----|-----|
| Processing capacity | 200 | 250 | 290 | 330 | 400 |

ECZ300 CONE CRUSHER

INTRODUCTION:

ECZ300 cone crusher has high capacity and high fine crushing. Widely used in metal mining and metallurgical industry, construction industry, cement industry, sand and gravel industry, etc. It is suitable for medium and fine crushing of various ores and rocks, such as iron ore, non-ferrous metal ore, granite, limestone, quartzite, sandstone and pebbles, etc. Its unique "laminated crushing" action principle makes the material grade more uniform and achieves the effect of more uniform aggregate particle size, thereby improving market competitiveness compared with the same material.



FEATURES:

1. Large output, high yield and excellent grain shape;
2. Fully hydraulic cavity clearing reduces the workload of removing iron blocks or unbreakable objects passing through the crushing cavity and shortens downtime;
3. The hydraulic motor drives the fixed cone to realize automatic and accurate adjustment of the discharge port. After adjustment, the locking cylinder automatically locks;
4. When replacing the internal parts in the cavity, the hydraulic motor can quickly unscrew all the fixed cone parts, which simplifies the maintenance work;
5. The steel structure body is heat-treated, making the body stronger and more durable;
6. Low failure rate and high performance reliability.

PRODUCT DETAILS:

| Model | Machine weight(kg) | Machine power (kW) | Drive shaft speed (rpm) | Processing capacity (t/h) |
|--------|--------------------|--------------------|-------------------------|---------------------------|
| ECZ300 | 15800 | 250 | 750~1200 | 450 |

PROCESSING CAPACITY:

| Model | Discharge port(mm) | | | | | | | | | |
|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| ECZ300 | 10 | 13 | 16 | 19 | 22 | 25 | 32 | 38 | 45 | 51 |
| | 120~145 | 155~190 | 185~225 | 205~245 | 225~265 | 235~285 | 255~325 | 305~385 | 335~445 | 405~495 |

YK SERIES VIBRATING SCREEN

INTRODUCTION:

YK Series Vibrating Screen, commonly known as light screen, is widely used in sand and gravel aggregate, metal mine, coal, chemical industry, electric power and other industries. It is suitable for various typical screening operations such as heavy-duty, medium-sized and fine screening with an input particle size of $\leq 200\text{mm}$ and a grading particle size of $2\text{mm}-50\text{mm}$, with an output of 100-500 tons per hour.

This series of vibrating screens is connected with the vibration exciter through the transmission bearing seat, and the life of the motor is guaranteed; the flexible coupling is used to make the transmission of torque without the transmission of axial force, so that the operation of the screen machine is more stable; The advanced large clearance bearing has the advantages of simple and reasonable structure, stable and reliable performance, large processing capacity, good screening effect, high cost performance, low noise when the whole machine is working, and convenient installation and maintenance.



FEATURES:

1. External eccentric block structure, adjustable amplitude;
2. High-quality helical metal spring support, more stable performance;
3. Overall modular design, advanced structure, strong excitation force;
4. Brand bearings, drive shaft performance is more stable, long service life;
5. The structure is simple and easy to maintain, and a variety of discharge particle shapes are optional.

PROCESSING CAPACITY:

| Model | Screen layers | Screen area (m ²) | Amplitude (mm) | Vibration frequency (r/min) | Motor power (kw) | Processing capacity (t/h) |
|---------|---------------|-------------------------------|----------------|-----------------------------|------------------|---------------------------|
| 2YK1854 | 2 | 10.8 | 5-9 | 980 | 15 | 120-200 |
| 3YK2160 | 3 | 12.6 | 5-9 | 980 | 30 | 150-280 |
| 3YK2475 | 3 | 16.8 | 5-9 | 980 | 37 | 240-300 |
| 2YK3075 | 2 | 21 | 5-9 | 980 | 55 | 400-500 |

EV SERIES VSI

INTRODUCTION:

EV Series VSI is a new generation of high-efficiency sand making machine produced by our company. It has two functions of sand making and shaping, so it is generally used in the last process of sand aggregate production line. It is widely used in the crushing and shaping of limestone, river pebbles, stone chips and other sand and gravel aggregates; in the field of engineering construction, municipal engineering, bridges and tunnels and other machine-made sand production and stone shaping.

This Series VSI can be converted into two crushing modes of rock-on-rock and rock-on-iron by simply replacing parts according to customer requirements.



FEATURES:

1. The unique deep-cavity rotor, through the optimization of the internal channel structure and path of the rotor, the output is increased by 20%;
2. Thin oil lubrication and air cooling. Ensure that the bearing lubrication is always in the best condition and prolong the service life of the equipment;
3. The bearing adopts well-known foreign brands, with stable performance and long service life;
4. Belt drive, easy maintenance;
5. Modular design. Quickly change parts and guarantee continuous production.

PRODUCT DETAILS:

| Model | Max Feeding size (mm) | Motor power(kW) | Processing capacity (t/h) | Weight(t) |
|--------|-----------------------|-----------------|---------------------------|-----------|
| EV2000 | 50 | 250 | 250 | 13.1 |
| EV2300 | 50 | 2×200 | 350 | 19.8 |

INTERCHANGEABLE CRUSHING CHAMBER OPTIONS:

Hammer ring with roter



Feeding ring with roter



DTII SERIES TRACK MOUNTED CONVEYOR

INTRODUCTION:

The belt conveyor has the advantages of large conveying capacity, simple structure, convenient maintenance, and standardized components. It is widely used in mining, metallurgy, coal and other departments to transport loose materials or finished items.

According to the requirements of the conveying process, a single conveying unit, a combination of multiple conveying equipment or other conveying equipment can be used to form a horizontal or inclined conveying system to meet the needs of different layouts of the operation line. The belt conveyor can be used in the range of ambient temperature -20~+40°C, and the temperature of the conveying material is below 50°C.



FEATURES:

Large conveying capacity, convenient maintenance, simple structure and standardized components.

PRODUCT DETAILS:

| Tape width | Belt length (m) / power (kW) | | | Speed(m/s) | Processing capacity (t/h) |
|------------|------------------------------|-------------|---------------|------------|---------------------------|
| | I(m/kW) | II(m/kW) | III(m/kW) | | |
| B400 | ≤12/1.5 | 12-20/2.2-4 | 20-24/3.5-7.5 | 1.3-1.8 | 20-40 |
| B500 | ≤12/3 | 12-20/4-5.5 | 20-30/5.5-7.5 | 1.3-1.8 | 40-80 |
| B650 | ≤12/4 | 12-20/7.5 | 20-30/7.5-11 | 1.3-1.8 | 80-190 |
| B1000 | ≤12/11 | 12-20/18.5 | 20-40/18.5-30 | 1.3-1.8 | 280-550 |
| B1200 | ≤12/15 | 12-20/22 | 20-40/22-45 | 1.3-2 | 440-850 |
| B1400 | ≤12/22 | 12-20/30 | 20-40/30-55 | 1.3-2 | 660-1200 |
| B1600 | ≤12/30 | 12-20/37 | 20-40/37-75 | 1.3-2 | 800-1500 |

ZMZ FILTER PRESS

INTRODUCTION:

The filter press uses the pressure difference on both sides of the filter cloth to force most of the water in the material to permeate the filter cloth and flow out of the body, while the material is blocked in the filter chamber to form a filter cake to achieve the purpose of filtration. Because there is a large pressure difference on both sides of the filter cloth during the filtration process, the filtration speed is increased and the water content of the filter cake is reduced, and the special filter cloth is used to make the filtrate clear, and the filtration effect is much better than that of a vacuum filter.



FEATURES:

1. Simple structure, easy operation, stable operation and convenient maintenance;
2. Few wearing parts, low maintenance cost;
3. The selection range of the filter area is flexible and occupies less land;
4. Strong adaptability to materials, suitable for various occasions of small and medium-sized sludge dehydration treatment;
5. Compared with other types of dehydrators, the mud cake has a higher solid content, a small footprint, and is convenient for post-processing such as transportation.

PRODUCT DETAILS:

| Model | Feed concentration (%) | Filtration area (m ²) | Power(kW) | Capacity (t/h) | Weight (kg) | Dimensions (mm) |
|----------|------------------------|-----------------------------------|-----------|----------------|-------------|-----------------|
| G50-80 | 20-40 | 50 | 15 | 0.8-1.6 | 3456 | 4110*1400*1230 |
| G80-80 | 20-40 | 80 | 15 | 1.32-2.6 | 4584 | 4990*1400*1230 |
| G100-100 | 20-40 | 100 | 24 | 1.7-4 | 6628 | 4900*1990*1600 |
| G150-125 | 20-40 | 150 | 27.5 | 2.5-5 | 9800 | 6010*2000*1600 |
| G200-125 | 20-40 | 200 | 35.5 | 3-7 | 12500 | 7050*2260*1600 |
| G250-125 | 20-40 | 250 | 44.5 | 4-8 | 14000 | 7890*2260*1600 |
| G300-125 | 20-40 | 300 | 52.5 | 5-7 | 25000 | 8800*2260*1925 |
| G400-150 | 20-40 | 400 | 62.5 | 6-10 | 30000 | 10670*2260*1925 |
| G500-150 | 20-40 | 500 | 82.5 | 8-12 | 36500 | 12350*2260*1925 |

EXQUISITE MANUFACTURING



CONSTRUCTION SITES



