

斯洛曼产品手册

PRODUCT MANUAL



专注履带式移动破碎筛分领域

让 固 废 再 生 更 高 效
More Efficient Recycling Of Solid Waste

COMPANY PROFILE

安徽斯洛曼工程机械有限公司

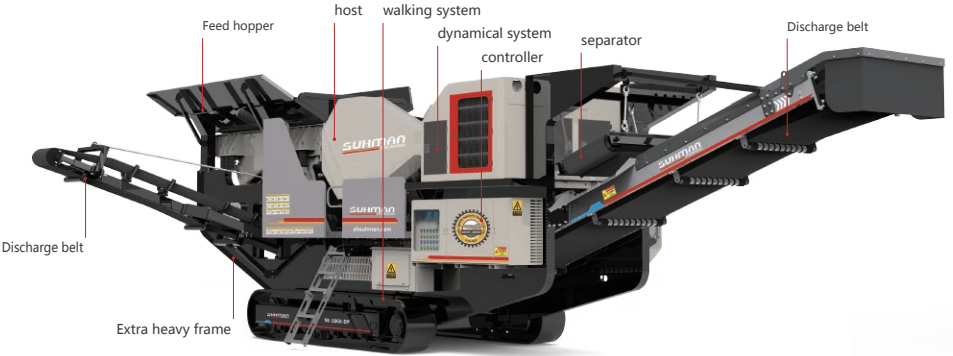
Anhui SUHMAN Engineering Machinery Co., Ltd.



Anhui SUHMAN Engineering Machinery Co., Ltd. is located in Hefei Feixi County economic development zone Anhui military industry group (Confidentiality Unit). We focus on technological innovation, design and development, and intelligent production of tracked mobile crushing and screening equipment, providing comprehensive solutions and equipment leasing services. The product is widely used in crushing operations such as engineering construction, mining, urban infrastructure, and solid waste demolition.

The company's products adopt advanced Austrian technology, closely combine with industry characteristics, introduce globally leading core components, adhere to the principles of high quality, zero failure, efficient energy conservation, and high cost-effectiveness, closely follow national policies, ensure the provision of high-quality products and services for customers, create greater social value for customers, and create a new era of sunshine brand.

Mobile Jaw Crusher



Working principle

The host of the crushing station adopts a new European version crusher that is currently internationally leading and optimized in terms of structure, material selection, process, and other aspects. The crushing method is a curved extrusion type. During operation, the electric motor drives the spindle shaft to rotate through a belt pulley, causing the moving jaw to periodically approach and leave the fixed jaw, resulting in multiple crushing of the material, such as squeezing, rubbing, and rolling. This causes the material to gradually decrease from large to small, gradually falling, and finally discharged from the discharge port. With the continuous rotation of the electric motor, the crusher jaw undergoes periodic crushing and discharge, resulting in a high crushing ratio and high output.

Application

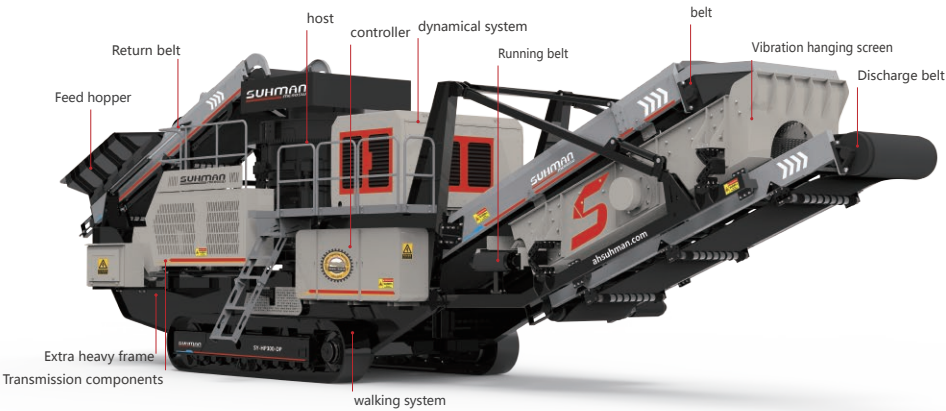
It has the characteristics of large crushing ratio, uniform product particle size, simple structure, reliable operation, easy maintenance, and economic operating costs. Jaw crusher is widely used in mining (limestone, granite, basalt, diabase, andesite, etc.), smelting, building materials, highway, railway, water conservancy, chemical industry and many other departments. It is the preferred equipment for primary crushing of various materials with compressive strength not more than 320MPa.

Technical Parameter

Model : SE-1060-DP		Total power : (146.9KW)		
Feed hopper				
Length * Width (mm) : 4150*1200		Power (KW) : 4.5*2	Feeding capacity (t/h) : 350	Volume (m³) : 5
Host				
Crushing port (mm) : 1060*750		Weight (t) : 18	Power (KW) : 110	
Discharge belt				
Length * Width (mm) : 10600*1350		Power (KW) : 9.2*2		
De-ironing separator				
Length x Width (mm) : 2100*910		Power (KW) : 4		
Complete machine				
Transportation dimensions (length * width * height) : 15.15m*3.15m*3.85m			Weight (t) : 44.5	Production (t/h) : 180-350

Important notice: Due to continuous product iteration and updates, the actual appearance, color, and related parameters of the product may slightly differ from the content in the manual. Please refer to the actual product you purchased for specific details.

Mobile Cone Crusher



Working principle

In the working process of the cone crusher, the electric motor drives the eccentric sleeve to rotate through the transmission device. The moving cone rotates and swings under the force of the eccentric shaft sleeve, and the section near the stationary cone becomes the crushing chamber. The material is crushed by multiple compressions and impacts of the moving cone and the stationary cone. When the moving cone leaves this section, the material that has broken to the required particle size falls under its own gravity and is discharged from the bottom of the cone. After being discharged, it is sieved through a vibrating hanging screen, and unqualified materials are returned to the feeding hopper through a return belt. The crusher with a curved cavity design is more efficient and wear-resistant, resulting in higher product quality.

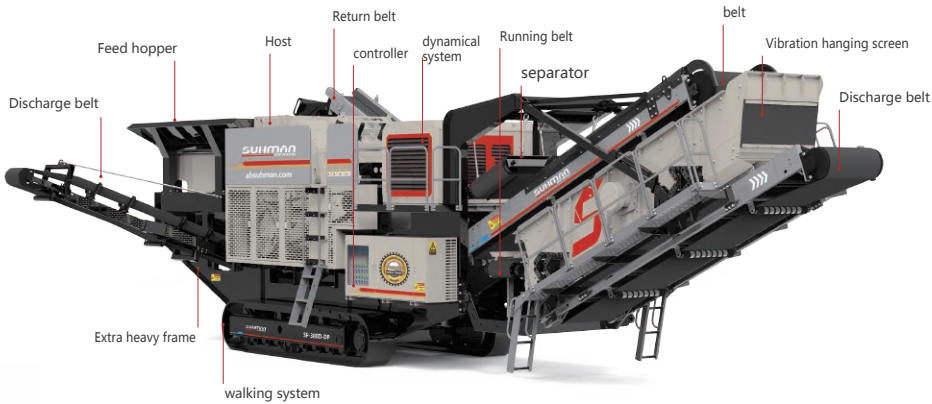
Application

The cone crushing station is suitable for coarse and medium crushing of hard materials in ore crushing (limestone, granite, basalt, diabase, andesite, etc.), railway, expressway, energy, building materials, cement, chemical industry and other industries. The compressive strength of materials can exceed 150MPa. It has the advantages of high efficiency and energy conservation, high adaptability to material hardness, high crushing efficiency, small wear, and good product particle shape.

Technical Parameter

Model : SY-HP300-DP		Total power : (306.3KW)		
Feed hopper				
Length * Width (mm)	: 4550*1350	Power (KW)	: 5.5*2	Feeding capacity (t/h) : 300 Volume (m³) : 3
Host				
Crushing port (mm)	: 1078	Discharge size (mm)	: 16-40	Weight (t) : 18 Power (KW) : 250
Belt				
Length * Width (mm)	: 11000*1600	Power (KW)	: 9.2*2	
Vibration hanging screen				
Length * Width (mm)	: 4800*2160	Power (KW)	: 3.7*2	
Return belt				
Length * Width (mm)	: 8930*770	Power (KW)	: 5.5	
Complete machine				
Transportation dimensions (length * width * height)		: 17.6m*3.8m*3.95m	Weight (t) : 53.8	Production (t/h) : 150-300

Mobile Impact Crusher



Working principle

The host of the impact crushing station adopts a heavy-duty super rotor. The stone material directly falls into the high-speed rotating rotary table in the large capacity crushing chamber through the feeding port. Under the action of high-speed centrifugal force, it collides with another part of the flying stones that are divided around the rotary table in an umbrella shape to generate high-speed collisions and high-density crushing. After the stones hit each other, they will form eddy currents between the rotary table and the casing, causing multiple mutual impacts, friction, and crushing. Discharge directly from the bottom. Form a closed loop with multiple cycles, and the required particle size is controlled by the screening equipment.

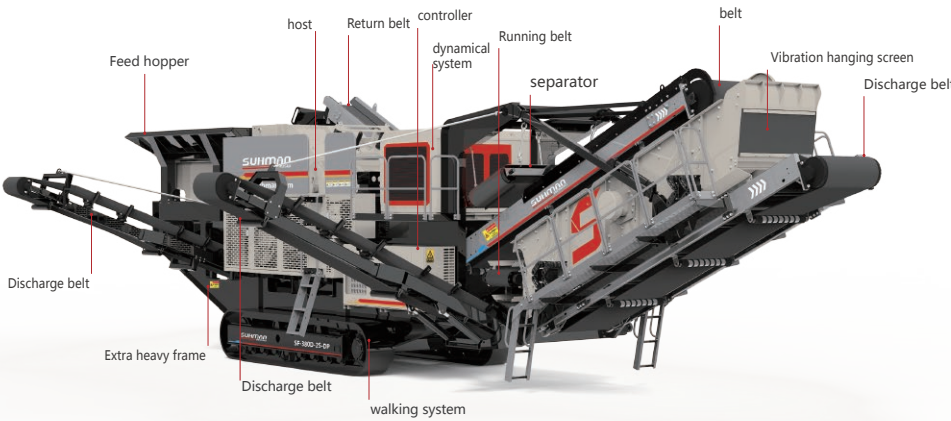
Application

The impact crushing station is suitable for crushing low hardness stone materials in industries such as ore crushing, railways, highways, water conservancy, building materials, energy, cement, chemicals, construction waste, etc., or materials with compressive strength not exceeding 150MPa. It has the advantages of high efficiency, energy conservation, high yield, low wear, and good product particle shape.

Technical Parameter

Model : SF-380D-DP		Total power : (278.3KW)		
Feed hopper				
Length * Width (mm) : 3550*1280	Power (KW) : 4.5*2	Feeding capacity (t/h) : 240	Volume (m³) : 5	
Host				
Crushing port (mm) : 1380*1000	Weight (t) : 18	Power (KW) : 220		
Belt				
Length * Width (mm) : 9600*1600	Power (KW) : 9.2*2			
Vibration hanging screen				
Length * Width (mm) : 4600*2160	Power (KW) : 3.7*2			
Return belt				
Length * Width (mm) : 6400*770	Power (KW) : 5.5			
Complete machine				
Transportation dimensions (length * width * height) : 16.6m*3.5m*3.75m		Weight (t) : 50.3	Production (t/h) : 150-240	

Mobile Integrated Machine



Working principle

The host of the impact crushing station adopts a heavy-duty super rotor. The stone material directly falls into the high-speed rotating rotary table in the large capacity crushing chamber through the feeding port. Under the action of high-speed centrifugal force, it collides with another part of the flying stones that are divided around the rotary table in an umbrella shape to generate high-speed collisions and high-density crushing. After the stones hit each other, they will form eddy currents between the rotary table and the casing, causing multiple mutual impacts, friction, and crushing. From the bottom, it passes through two layers of running belts and a double layer screen in a vibrating hanging screen, forming a closed loop for multiple cycles. The particle size of the discharged material is controlled by the vibrating hanging screen, and the two finished products are finally discharged from the finished belts 1 and 2.

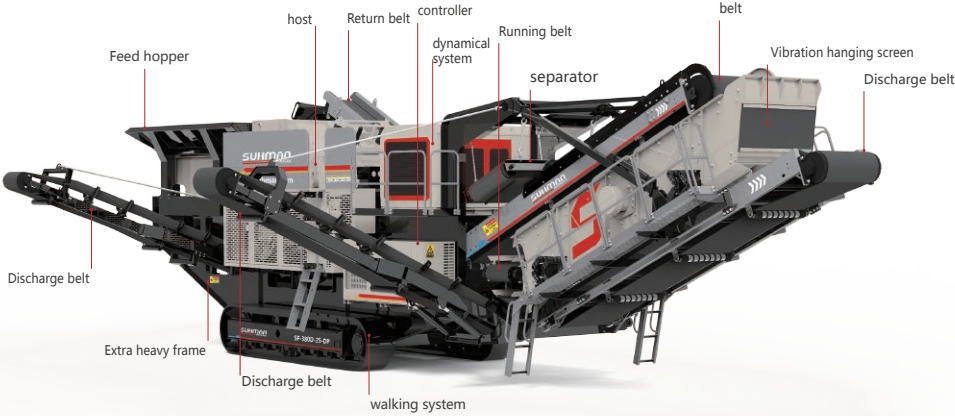
Application

The impact crushing station is suitable for crushing low hardness stone materials in industries such as ore crushing, railways, highways, water conservancy, building materials, energy, cement, chemicals, construction waste, etc., or materials with compressive strength not exceeding 150MPa. It has the advantages of high efficiency, energy conservation, high yield, low wear, and good product particle shape.

Technical Parameter

型号：SF-380D-S-DP		Total power：（ 287.4KW ）		
Feed hopper				
Length * Width （mm）：	3550*1280	Power（KW）：	4.5*2	Feeding capacity（t/h）：240 Volume（m³）：5
Host				
Crushing port（mm）：	1380*1000	Weight（t）：	18	Power（KW）：220
Belt				
Length * Width（mm）：	11200*1600	Power（KW）：	9.2*2	
Vibration hanging screen				
Length * Width（mm）：	5150*2160	Power（KW）：	5.5*2	
Return belt				
Length * Width（mm）：	7300*970	Power（KW）：	5.5	
Complete machine				
Transportation dimensions（length * width * height）：	17.8m*3.78m*3.85m	Weight（t）：	53.4	Production（t/h）：150-240

Mobile Integrated Machine



Working principle

The host of the impact crushing station adopts a heavy-duty super rotor. The stone material directly falls into the high-speed rotating rotary table in the large capacity crushing chamber through the feeding port. Under the action of high-speed centrifugal force, it collides with another part of the flying stones that are divided around the rotary table in an umbrella shape to generate high-speed collisions and high-density crushing. After the stones hit each other, they will form eddy currents between the rotary table and the casing, causing multiple mutual impacts, friction, and crushing. From the bottom, it passes through two layers of running belts and 3 layers screen in a vibrating hanging screen, forming a closed loop for multiple cycles. The particle size of the discharged material is controlled by the vibrating hanging screen, and the 3 finished products are finally discharged from the finished belts 1, 2 and 3.

Application

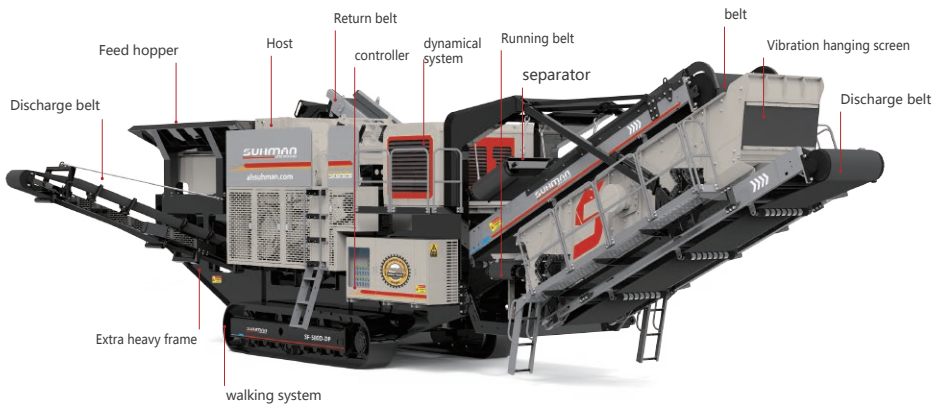
The impact crushing station is suitable for crushing low hardness stone materials in industries such as ore crushing, railways, highways, water conservancy, building materials, energy, cement, chemicals, construction waste, etc., or materials with compressive strength not exceeding 150MPa. It has the advantages of high efficiency, energy conservation, high yield, low wear, and good product particle shape.

Technical Parameter

型号：SF-380D-2S-DP		Total power：(290.9KW)	
Feed hopper			
Length * Width (mm)	: 3550*1280	Power (KW)	: 4.5*2 Feeding capacity (t/h) : 240 Volume (m³) : 5
Host			
Crushing port (mm)	: 1380*1000	Weight (t)	: 18 Power (KW) : 220
Belt			
Length * Width (mm)	: 11200*1600	Power (KW)	: 9.2*2
Vibration hanging screen			
Length * Width (mm)	: 5150*2160	Power (KW)	: 5.5*2
Return belt			
Length * Width (mm)	: 7300*970	Power (KW)	: 5.5
Complete machine			
Transportation dimensions (length * width * height)	: 17.8m*3.78m*3.85m	Weight (t)	: 56.3 Production (t/h) : 150-240

Note: Due to the continuous optimization of our products, the specific parameters are subject to the actual product.

Mobile Impact Crusher



Working principle

The host of the impact crushing station adopts a heavy-duty super rotor. The stone material directly falls into the high-speed rotating rotary table in the large capacity crushing chamber through the feeding port. Under the action of high-speed centrifugal force, it collides with another part of the flying stones that are divided around the rotary table in an umbrella shape to generate high-speed collisions and high-density crushing. After the stones hit each other, they will form eddy currents between the rotary table and the casing, causing multiple mutual impacts, friction, and crushing. Discharge directly from the bottom. Form a closed loop with multiple cycles, and the required particle size is controlled by the screening equipment.

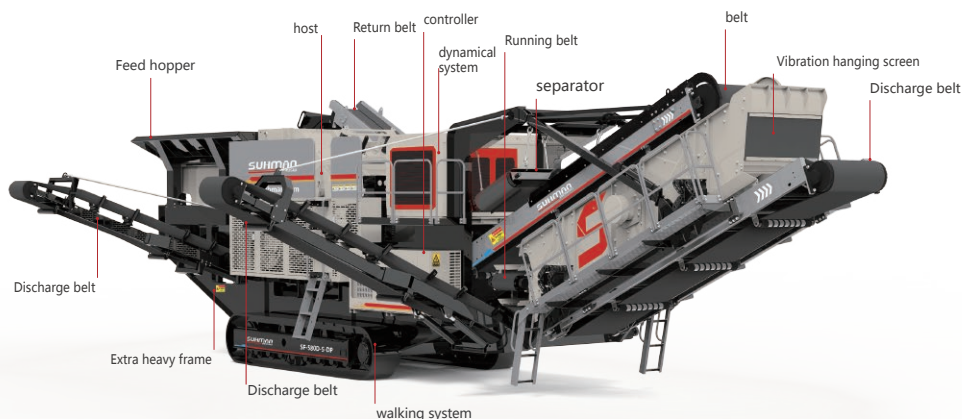
Application

The impact crushing station is suitable for crushing low hardness stone materials in industries such as ore crushing, railways, highways, water conservancy, building materials, energy, cement, chemicals, construction waste, etc., or materials with compressive strength not exceeding 150MPa. It has the advantages of high efficiency, energy conservation, high yield, low wear, and good product particle shape.

Technical Parameter

Model : SF-580D-DP		Total power : (376.9KW)	
Feed hopper			
Length * Width (mm) : 3550*1460	Power (KW) : 4.5*2	Feeding capacity (t/h) : 350	Volume (m³) : 6
Host			
Crushing port (mm) : 1540*1100	Weight (t) : 23	Power (KW) : 315	
Belt			
Length * Width (mm) : 11750*1600	Power (KW) : 9.2*2		
Vibration hanging screen			
Length * Width (mm) : 4820*2160	Power (KW) : 5.5*2		
Return belt			
Length * Width (mm) : 8200*970	Power (KW) : 5.5		
Complete machine			
Transportation dimensions (length * width * height) : 17.95m*3.75m*3.85m		Weight (t) : 56.2	Production (t/h) : 150-350

Mobile Integrated Machine



Working principle

The host of the impact crushing station adopts a heavy-duty super rotor. The stone material directly falls into the high-speed rotating rotary table in the large capacity crushing chamber through the feeding port. Under the action of high-speed centrifugal force, it collides with another part of the flying stones that are divided around the rotary table in an umbrella shape to generate high-speed collisions and high-density crushing. After the stones hit each other, they will form eddy currents between the rotary table and the casing, causing multiple mutual impacts, friction, and crushing. From the bottom, it passes through two layers of running belts and a double layer screen in a vibrating hanging screen, forming a closed loop for multiple cycles. The particle size of the discharged material is controlled by the vibrating hanging screen, and the two finished products are finally discharged from the finished belts 1 and 2.

Application

The impact crushing station is suitable for crushing low hardness stone materials in industries such as ore crushing, railways, highways, water conservancy, building materials, energy, cement, chemicals, construction waste, etc., or materials with compressive strength not exceeding 150MPa. It has the advantages of high efficiency, energy conservation, high yield, low wear, and good product particle shape.

Technical Parameter

型号 : SF-580D-S-DP

Total power : (382.4KW)

Feed hopper

Length * Width (mm) : 3550*1460 Power (KW) : 4.5*2 Feeding capacity (t/h) : 350 Volume (m³) : 6

Host

Crushing port (mm) : 1540*1100 Weight (t) : 23 Power (KW) : 315

Belt

Length * Width (mm) : 12530*1600 Power (KW) : 9.2*2

Vibration hanging screen

Length * Width (mm) : 5800*2160 Power (KW) : 5.5*2

Return belt

Length * Width (mm) : 8050*970 Power (KW) : 5.5

Complete machine

Transportation dimensions (length * width * height) : 18.65m*3.75m*3.9m Weight (t) : 61.5 Production (t/h) : 150-350

Mobile Impact Crusher for Sand Making



Working principle

The stone material falls directly into the high-speed rotating turntable from the upper part of the machine. Under the action of high-speed centrifugal force, it collides with another part of the target stone that is distributed in an umbrella shape around the turntable at high speed and undergoes high-density crushing. After colliding with each other, the stone material will form vortex motion between the turntable and the casing, causing multiple collisions, friction, and crushing, and will be discharged directly from the lower part. Form a closed loop multiple times, controlled by screening equipment to achieve the required particle size.

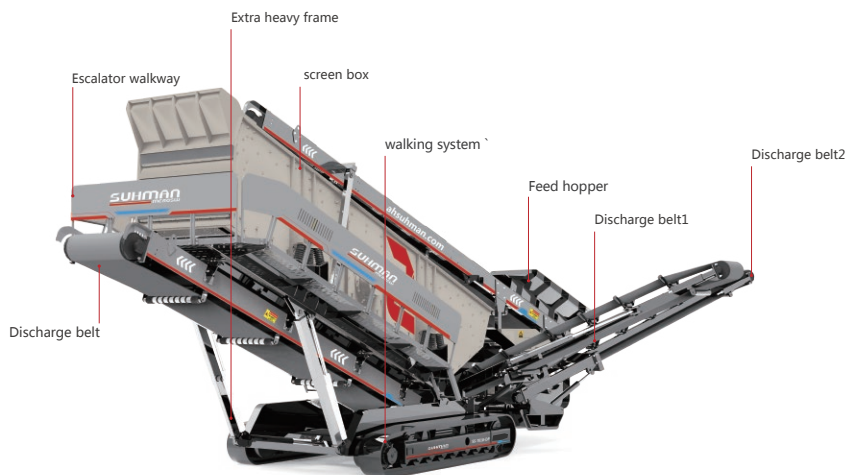
Application

Used for the production of metal and non-metal ores, cement, refractory materials, glass raw materials, building aggregates, artificial sand making, river pebbles, mountain stones (limestone, granite, basalt, diabase, andesite, etc.), ore tailings, stone chips, artificial sand making, building aggregates, highway pavement materials, cushion materials, asphalt concrete and cement concrete aggregates, as well as fine and coarse grinding operations of various metallurgical slag.

Technical Parameter

Model : SC-85D		Total power : (279.4KW)	
Feed hopper			
Feeding capacity (t/h) : 300		Volume (m³) : 3	
Feed Belt			
Length * Width (mm) : 5000*1350		Power (KW) : 5.5*2	
Host			
Crushing port (mm) : 950		Power (KW) : 250	
		Weight (t) : 11.9	
Main belt			
Length * Width (mm) : 9200*1600		Power (KW) : 9.2*2	
Complete machine			
Transportation dimensions (length * width * height) : 14.75m*3.35m*3.85m		Weight (t) : 39.8	
		Production (t/h) : 80-260	

Inclined Screener



Working principle

The aggregate is transmitted through the crushing station to the feeding belt and transported to the screening system. The screening machine is designed in three layers and can screen four valuable and qualified materials. Corresponding to four conveyor belts, they are transported separately from the conveyor belt mouth to achieve a sorting of aggregates, stacking aggregates of a unified material type. And each conveyor belt can be hydraulically folded to achieve complete transportation. The vibrating screen can be lifted and lowered by hydraulic pressure, making it easy to maintain and replace the screen.

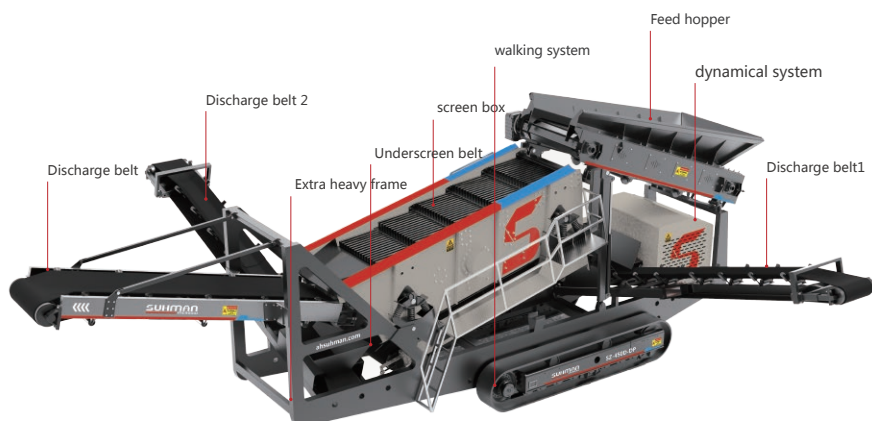
Application

Screen different types of materials, accurately screen sand and gravel aggregates and recycled materials, which can be used alone or in combination with impact crushing stations, hammer crushing stations, jaw crushing stations, cone crushing stations, and impact crushing stations. The on-site installation and debugging are simple and fast, and can be quickly put into production. Reasonable combination and use can achieve maximum production.

Technical Parameter

Model : SS-7018-DP		Total power : (57KW)	
Feed hopper			
Length * Width (mm) : 10800*1350		Power (KW) : 5.5*2	Feeding capacity (t/h) : 320
Discharge belt 1、 2			
Length * Width (mm) : 7280*800		Power (KW) : 5.5	
Discharge belt 3			
Length * Width (mm) : 5050*800		Power (KW) : 5.5	
Underscreen belt			
Length * Width (mm) : 7000*1350		Power (KW) : 7.5	
Screen box			
Length * Width (mm) : 7000*1800		Power (KW) : 9.5*2	
Complete machine			
Transportation dimensions (length * width * height) : 14.8m*3.75m*3.95m		Weight (t) : 34.5	Production (t/h) : 220-320

Scalper



Working principle

The working principle of the scalper is roughly the same as that of a regular screening station. The heavy-duty screening station screens large materials. The aggregate is transmitted through the crushing station to the feeding belt and transported to the screening system. The vibrating motor vibrates at high speed, allowing the aggregate to pass through three layers of screens to accurately screen different aggregates. The output aggregate can obtain three types of ideal qualified materials that meet the expectations. Respectively corresponding to three conveyor belts, they are transported out by the conveyor belt mouth to achieve a sorting of aggregates, stacking aggregates of a unified material type.

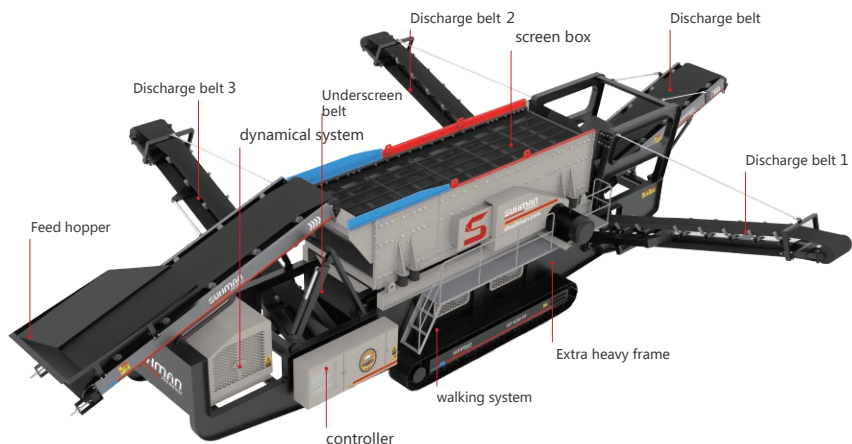
Application

Screen different types of materials, accurately screen sand and gravel aggregates and recycled materials. Compared to ordinary sieving, heavy-duty sieves have stronger screening capacity, and can screen materials with larger particle sizes that can be used alone or in combination with impact crushing stations, hammer crushing stations, jaw crushing stations, cone crushing stations, and impact crushing stations. According to the actual situation, reasonable combination and use can achieve maximum yield.

Technical Parameter

Model : SZ-450D-DP		Total power : (59.4KW)	
Feed hopper			
Length * Width (mm) : 3800*1000		Power (KW) : 11	
Discharge belt、Underscreen belt			
Length * Width (mm) : 4900*1600		Power (KW) : 9.2*2	
Discharge belt 1			
Length * Width (mm) : 6700*1000		Power (KW) : 7.5	
Discharge belt 2			
Length * Width (mm) : 6700*1000		Power (KW) : 7.5	
Screen box			
Length * Width (mm) : 5150*1550		Number of sieve layers (layers) : 2	Power (KW) : 7.5*2
Complete machine			
Transportation dimensions (length * width * height) : 14.5m*3.75m*3.45m		Weight (t) : 33.8	Production (t/h) : 200-500

Horizontal Screener



Working principle

The tracked mobile horizontal screen adopts a three axis and three layer heavy-duty screen box, with excellent performance. The adjustable elliptical eccentric wheel combines linear and annular amplitude, and the stroke, angle, and speed are adjustable. The screening ability is strong, and the three axis design ensures high production and efficiency, making it an ideal choice for screening and processing large amounts of viscous materials, meeting the requirements of fine material sorting.

Application

Screen different types of materials, accurately screen sand and gravel aggregates and recycled materials. The ideal choice for screening and processing large amounts of viscous materials, can be used alone or in combination with impact crushing stations, hammer crushing stations, jaw crushing stations, cone crushing stations, and impact crushing stations. According to the actual situation, reasonable combination and use can achieve maximum yield.

Technical Parameter

Model : SSP-6200-DP		Total power : (69KW)	
Feed hopper			
Feeding capacity (t/h) : 300-400		Power (KW) : 7.5	Volume (m³) : 3
Discharge belt、 Underscreen belt			
Power (KW) : 7.5			
Discharge belt 1、 2、 3			
Power (KW) : 5.5			
Screen box			
Length * Width (mm) : 6200*1930		Power (KW) : 30	Number of sieve layers (layers) : 3
Complete machine			
Transportation dimensions (length * width * height) : 18.5m*3.96m*3.9m		Weight (t) : 37	Production (t/h) : 220-400

Our **Mission**

More efficient recycling of solid waste.

Our **Philosophy**

Meeting customer needs and creating customer value.

Our **Values**

We are based on honesty to stand in the world.

We are pioneering and committed to technological innovation.

We are brave and wholeheartedly take responsibility.

We are creating a better path towards glory together.



SUHMAN 斯洛曼
MEEROSW

www.ahsuman.com

安徽斯洛曼工程机械有限公司

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whatsapp: 008613655550150

Agent Stamp :



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Address: No. 43 Tangkou Road, Feixi County Economic
Development Zone, Hefei City, Anhui Province

SUHMAN douyin account



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