

STONE CRUSHING PLANT

DASWELL
Dedicated to provide better machinery

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We help to build a better world

STONE CRUSHING PLANT

Customers First | Dedication | Perseverance



COMPANY INTRODUCTION

2023

Daswell is a China based high quality machinery supplier. Our company has over 30 years experience. With several producing bases in China, we can provide many kinds of heavy machinery with high quality.

So far, our products are exported to more than 80 countries overseas, such as Germany, USA, Norway, Ireland, Philippines, Indonesia, Egypt and so on. In order to provide better service to customers, we established subsidiary companies and branch offices in different countries, like Philippines, Indonesia, Pakistan, Egypt, Peru, and Uzbekistan.

We are growing mainly by our good reputation year by year, as we always promise to supply high quality products with good service all the time.

Daswell aims to provide better machinery to create more value for customers, and help to build a better world together.



1986

Company History Timelines

The Pursuit of excellence



OFFICE ADDRESS

China offices : No.2 CBD, Zhengzhou New District, Zhengzhou City
Qingzhou city, Shandong Province

Philippines branch company : Henan Daswell Machinery (Philippines) INC. Phase 6 B5L12A
Lot 9 Brookside lane Brgy. San Francisco along Arnaldo, Highway Gen Trias Cavite, the Philippines.

Indonesia branch company : PT. Daswell Indonesia Group
Komplek Pergudangan Green Sedayu Biz Park Cakung Blok GS 9 No. 35, Kel.
Cakung Timur, Kec. Cakung, Jakarta Timur 13910

Pakistan branch company : DASWELL MACHINERY PAKISTAN (PRIVATE) LIMITED
57 HAJVERY COMPLEX, 2-MOZANG ROAD, LAHORE, Lahore Data Gunj Bukhsh Town

Bangladesh branch company : DASWELL MACHINERY BANGLADESH LTD.
F-106, Mohakhali School Road, Dhaka-1212

Egypt office : Elmearaj Elsofly, Cairo Building no 7127 Flat no. 1

Malaysia branch company : DASWELL MACHINERY MALAYSIA SDN. BHD.
VO3-10-23A, SUNWAY VELOCITY DESIGNER OFFICE, LINGKARAN SV, SUNWAY VELOCITY,
JALAN COCHRANE 55100 KUALA LUMPUR W.P.KUALA LUMPUR MALAYSIA

Peru branch company : DASWELL PERU E.I.R.L
Number 651 K Carrer JR. THE TREASURE,URB. TUPAC AMARU, SAN LUIS, LIMA, PERU.

Mexico branch company : DASWELL MEXICO SA DE CV
Rio Guadiana 11, Colonia Cuauhtémoc, Mayor's OfficeCuauhtemoc, Mexico City, Mexico

Uzbekistan branch company : DASWELL LLC
9,Novesergeliyskaya str. Sergeli district, Tashkent city

Russia branch company : Michurinsky prospect, 19, Moscow



Stationary **crushing plant**

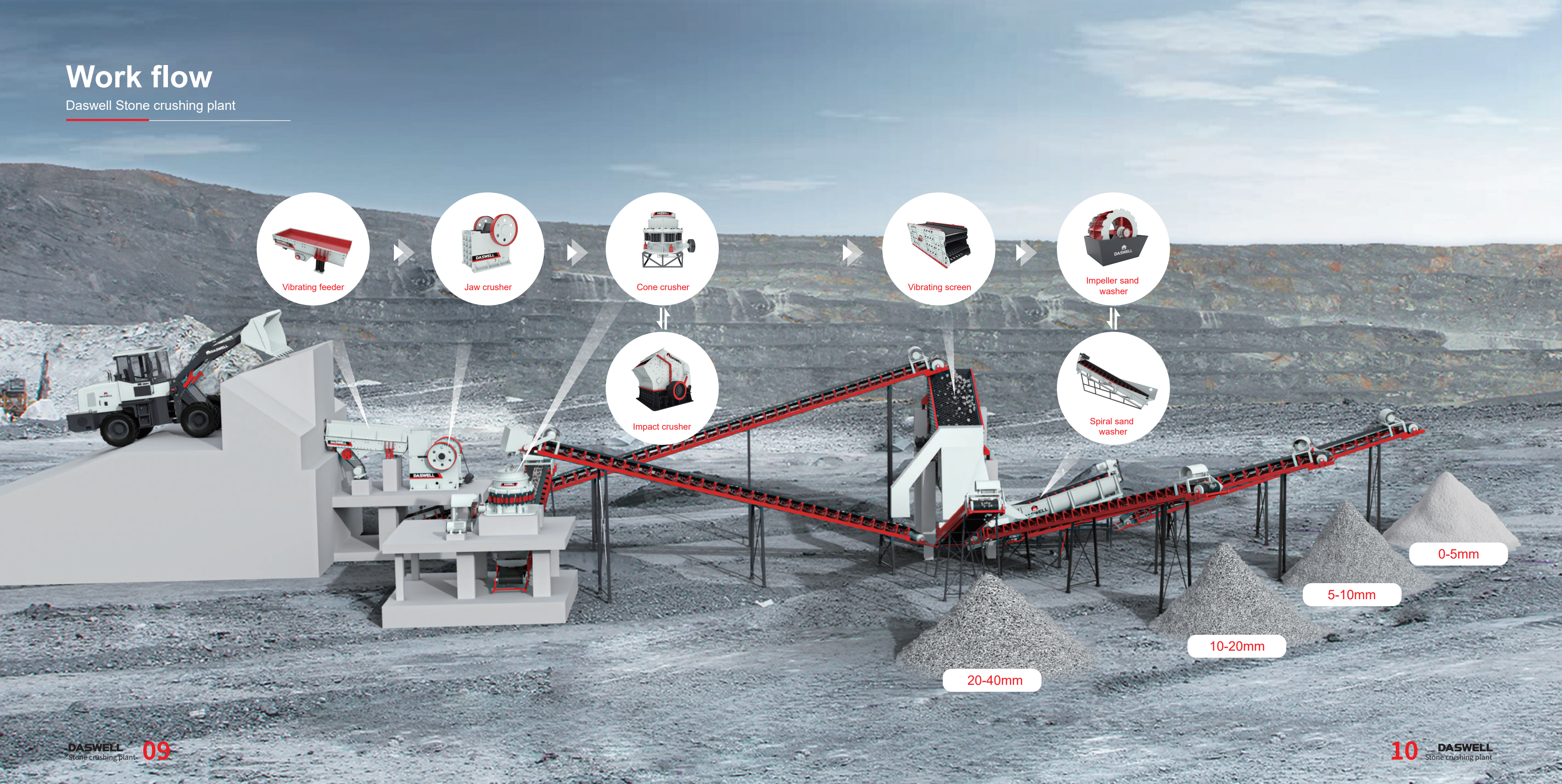
Daswell Stone crushing plant

The stationary crushing plant is a complete set of equipment that combined with feeder, jaw crusher, cone crusher, impact crusher, vibrating screen, sand washer, belt conveyor and other equipment. According to the customer's specific requirements, we can customize the crushing production line and design a suitable solution for customers. The stationary crushing plant has a wide range of applications, mainly used in construction waste crushing, various mining crushing and other fields.



Work flow

Daswell Stone crushing plant



Professional Makes Perfect

One-stop crushing solution



NO.1

BIG APPLICATION RANGE EASY TO HANDLE

VARIOUS MATERIALS

- Can crush river stone, limestone, granite, basalt, quartz stone, iron ore, dolomite, diabase, iron mine, gold ore, copper mine, construction waste and so on.



river stone



limestone



granite



basalt



quartz stone



iron ore



dolomite



diabase



iron mine



gold ore



copper mine

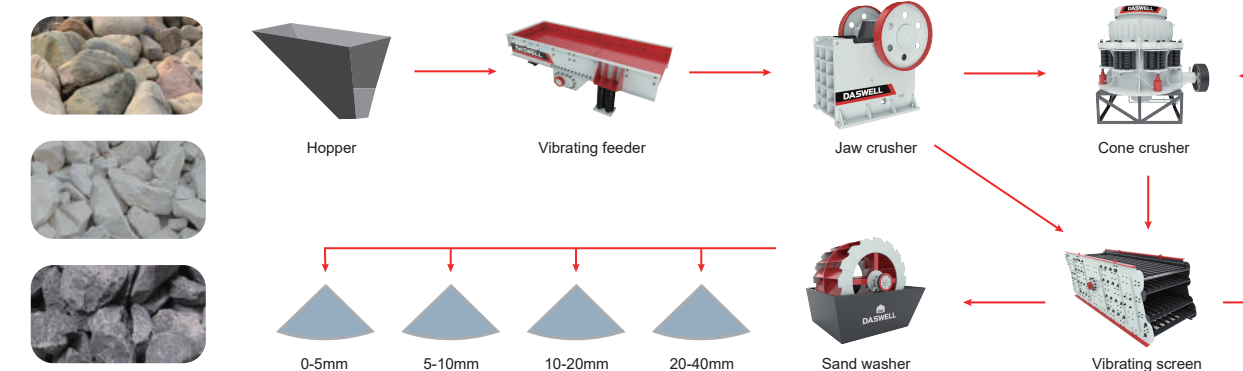


construction waste

NO.2

VARIOUS CONFIGURATION FLEXIBLE COMBINATION

- Jaw crusher is the primary crushing for various stones. It can crush various stones (strength is not more than 320MPa) into middle sizes.
- Cone crusher and impact crusher is always the secondary crushing. It crushes the stones into smaller sizes.
- The vibrating screen adjust the output sizes. It can screen out different size and get the products needed.
- Based on the clients raw materials and requirements, can choose different crushing process, like firstly crushing then screening or firstly screening then crushing. The crusher and the screen can also be used independently.



NO.3

IMPROVED TECHNOLOGY HIGH PRODUCTIVITY
& ENERGY SAVING

Optimized jaw crusher cavity

- Optimized cavity, digital analysis of the operation of each component, forging billets for heavy-duty shafts, high manganese steel parts; the crushing efficiency is greatly improved; the energy saving improves about 15%-30%. And it is more stable and service life is much longer.

Thicken and wear resistant rubber belt

- Thicken rubber belt, increase the bearing capacity and impact resistance;
- More wear resistant, longer service life.

High productivity

- Crushing stroke, crushing speed and crushing cavity combines, productivity increase about 35%-60%.

NO.4

GOOD PRODUCT SHAPE STABLE PERFORMANCE

- Adopt lamination crushing for cone. So, the cubic shape product ratio is obviously increased. The needle-like products reduce. The grading is more reasonable.
- Stable operation, low maintenance cost. Reasonable structure, long service life.

Life increases
↑5-10%



Fewer needle flakes

NO.5

POWERFUL PROCESSING CAPABILITY CREATE
EXTRAORDINARY QUALITY

- Introduce advanced processing equipment from abroad and domestic. We have high precision CNC, big processing equipment and special testing equipment. It provides a strong guarantee for the product quality.
- Fabricating almost every parts of the crusher by ourselves and carrying out strict quality control system makes our product quality more reliable.



NO.6

PROFESSIONAL TEAM BEST SUPPORT

- 160+ senior engineer. They are dedicated to upgrading and improving our machines, giving the crushing solutions for our clients in time and offering other technical supports.
- 200+ after sale staff are always standby. They can solve every problem during installation, commissioning and production. So, clients have no any worries.



Equipment debugging, on-site troubleshooting



Provide equipment maintenance and testing services



Provide customers with construction plans for free



Mobile crushing plant

Daswell Stone crushing plant

Mobile crushing plant is mainly used for metallurgy, chemical industry, building materials and other materials that often need to be relocated, especially for the operation of mobile stone materials such as highways, railways, hydropower projects, etc. Users can adopt a variety of configuration forms according to the type, scale and finished material requirements of processing raw materials.

Applicable materials: diabase, river pebble, granite, basalt, limestone, gold ore, iron ore, etc.



Product type



Wheel type mobile crushing plant



Crawler type mobile crushing plant

Meet the diverse needs of customers

(Comprehensive and flexible solution)



NO.1

FLEXIBLE COMBINATION

- Integrated mobile stone crushing plant. It can be used independently or combined to other crushing plant based on the raw material and final product needed. So, the whole process is more flexible and can meet different requirements of the clients.

THE FOLLOWING MODELS CAN
BE FREELY COMBINED



Jaw crusher



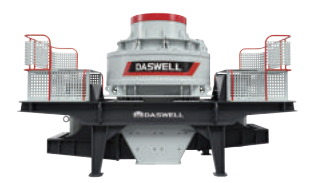
Cone crusher



Impact crusher



Vibrating screen



Sand making machine



NO.2 CONVENIENT FOR TRANSPORTATION

- The structure of the mobile stone crushing plant is compact and reasonable. It has low turning radius and low requirements for road transportation condition. And it is very easy and convenient to transport and change working site.



NO.3 GOOD ADAPTABILITY

- The wheel type adopts a high-torque walking motor, which is mature technology, large driving force and high reliability. The crawler type adopts ship-shaped structure chassis, which has high strength, low ground ratio and good pass-ability. It has good adaptability and can be used mountain land and wetland.



NO.4 INTEGRATED DESIGN

- Integrated design makes the installation work much easier. No need to assemble each part individually when changing site. It saves the installation cost and foundation cost. The whole unit is compact and reasonable. It also increases flexibility while working.



NO.5 ENERGY SAVING AND HIGH EFFICIENCY

- The mobile crushing plant can process the material at the raw material site. No need to transport the material to the crushing plant from the site. It greatly reduces the raw material transportation cost.

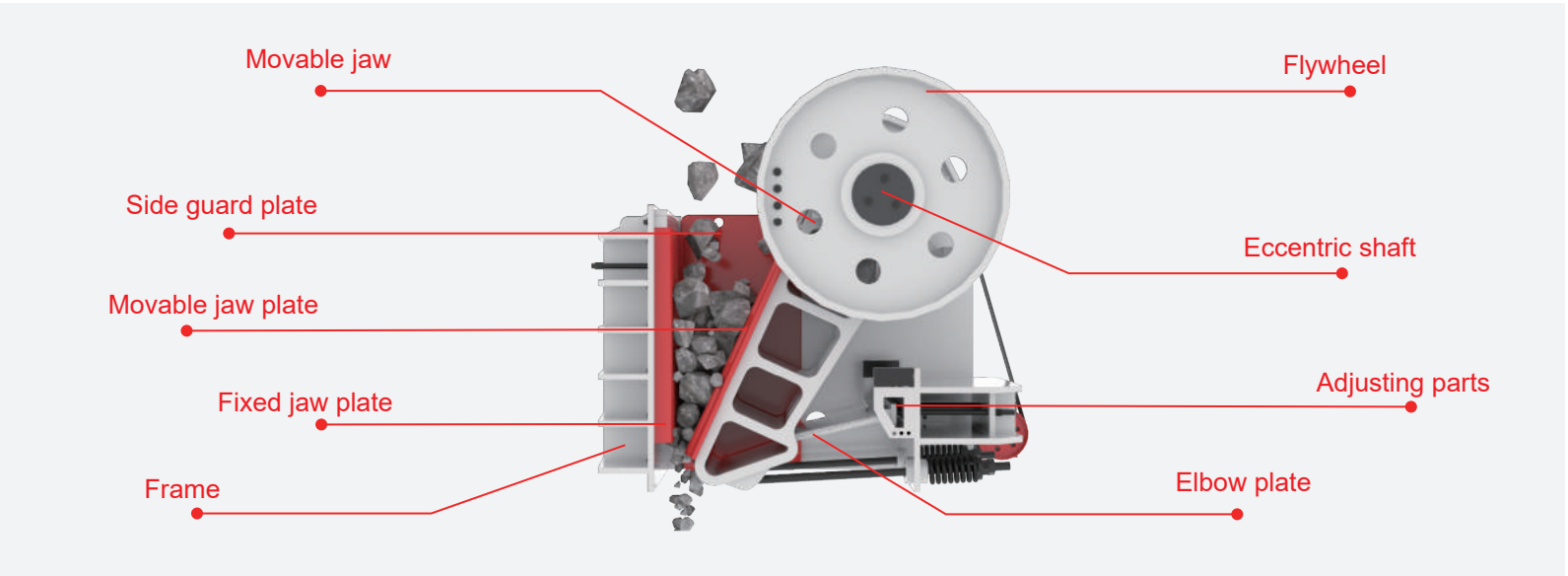
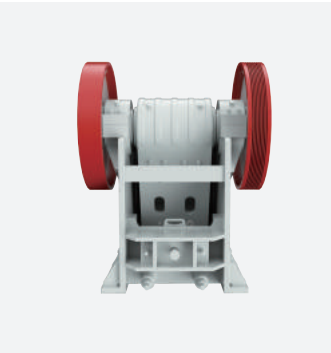
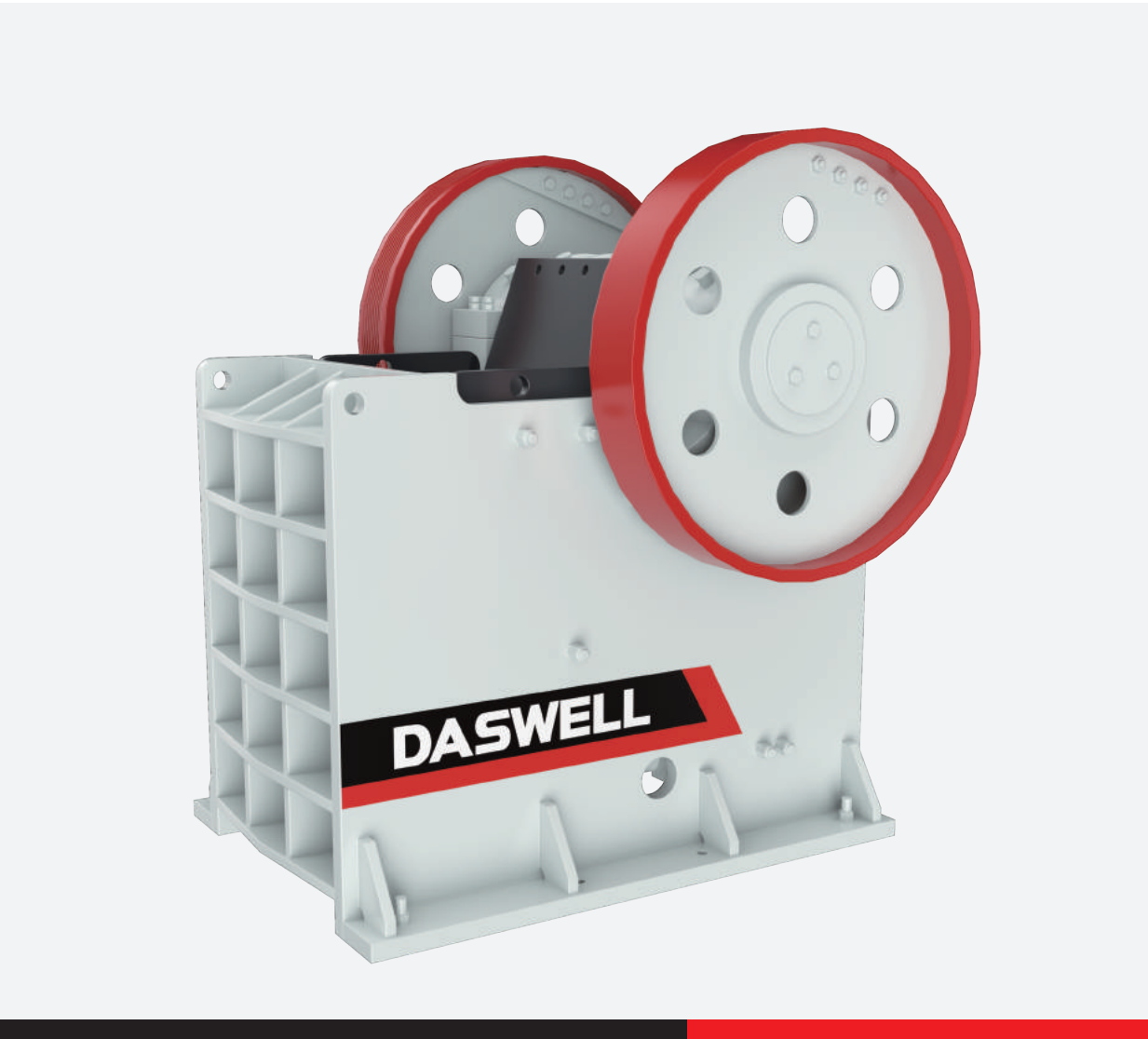


Jaw crusher

Daswell Stone crushing plant

Advanteges

- The crushing cavity is deep and has no dead zone, which improves the feeding capacity and output.
- Large crushing ratio, uniform product size.
- Gasket type discharge opening adjustment device, reliable and convenient, large adjustment range, increasing the flexibility of the equipment.



Model and Parameter

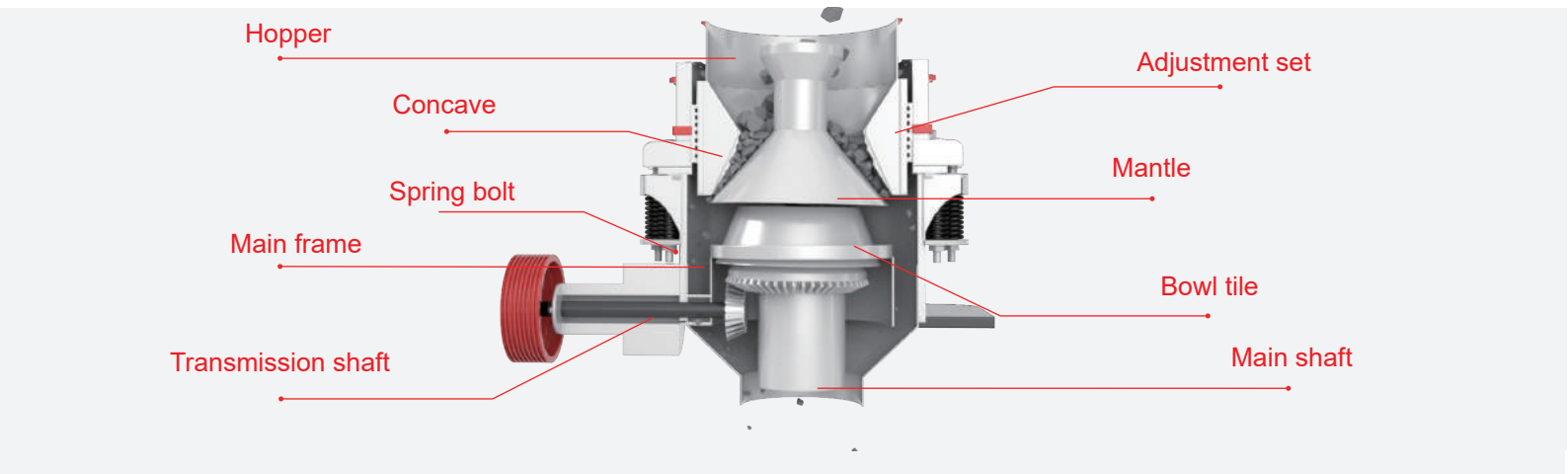
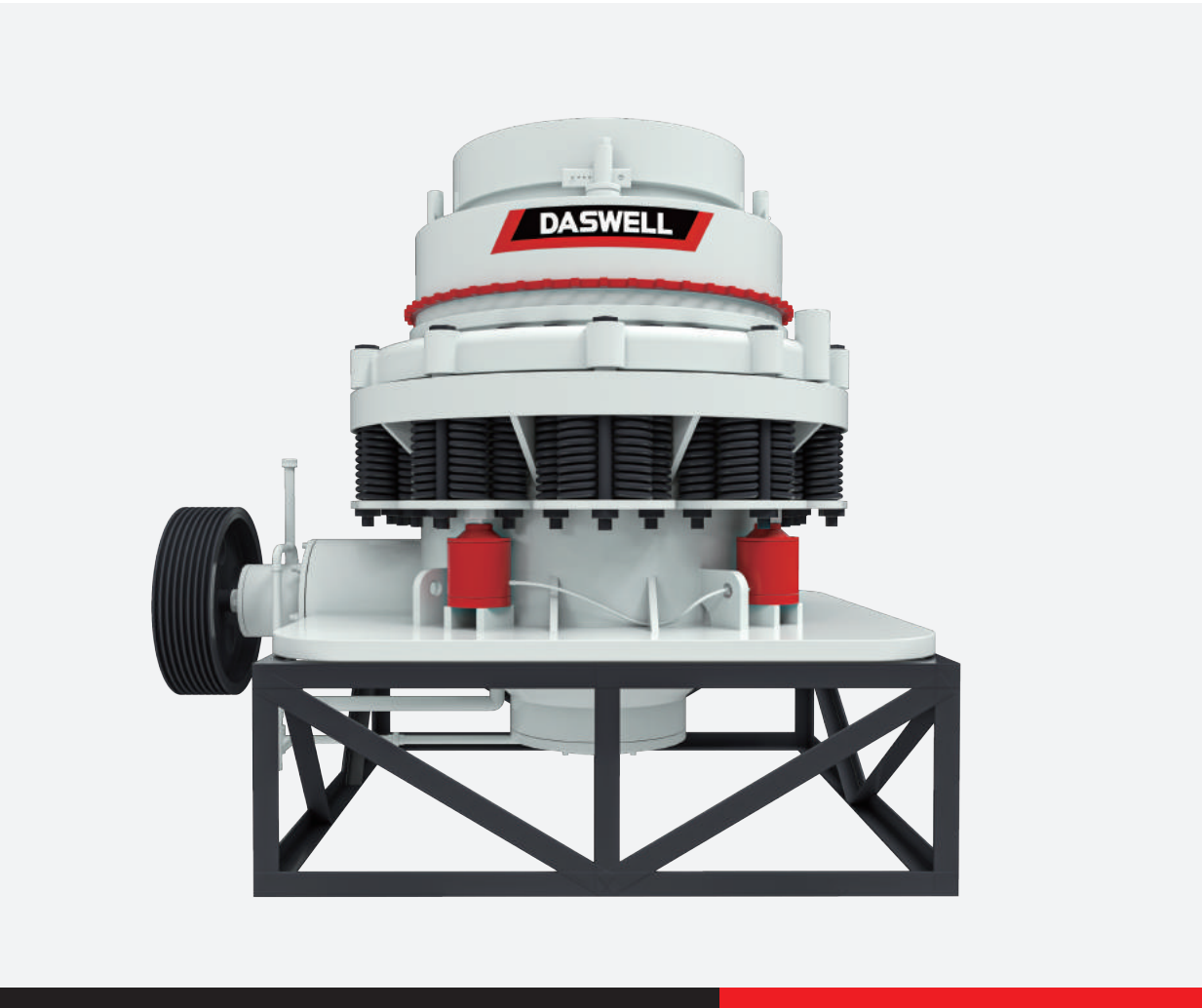
Model	Max. opening size (mm)	Max. feeding size (mm)	Output range (mm)	Capacity (t/h)	Power (kw)	Weight (t)	Overall dimension (mm)
PE150*250	150*250	125	10-40	0.96-4.8	5.5	0.81	950*760*890
PE250*400	250*400	210	20-80	5-21	15	2.8	1400*1315*1380
PE400*600	400*600	340	40-100	16-64	30	6.5	1650*1732*1700
PE500*750	500*750	425	50-100	45.6-100	55	10.3	2250*1900*2150
PE600*900	600*900	500	65-160	48-120	55/75	15.5	2520*1840*2400
PE750*1060	750*1060	630	80-140	51-208	110	25.1	2800*2450*3050
PE870*1060	870*1060	660	200-260	288-384	110	28.7	2920*2450*3050
PE900*1200	900*1200	750	100-200	144-304	160	43.3	3875*3000*3200
PE1000*1200	1000*1200	850	195-265	315-342	160	50.6	3980*3000*3200
PE1200*1500	1200*1500	1000	150-350	300-800	220	78.14	4800*3200*4200
PEX250*750	250*750	210	25-60	12.8-35.2	22	4.9	1650*1680*1450
PEX250*1000	250*1000	210	25-60	16-51.2	37/30	6.5	1600*1992*1480
PEX250*1200	250*1200	210	25-60	20-60	37	7.7	1700*2190*1550
PEX300*1300	300*1300	250	20-90	16-104	75	11	2150*2320*1820

Symons cone crusher

Daswell Stone crushing plant

Advanteges

- Multi-cylinder crushing cavity type, flexible application and strong adaptability.
- Large crushing ratio; key parts are made by special materials.
- Easy operation, low power consumption and reasonable distribution.
- Parts selection and structure design are reasonable, long service life and low maintenance cost for daily operation.
- Good stability, easy to maintain and operate.



Model and Parameter

Type	Model	Cavity Type	Diameter of cone (mm)	Adjusting Range of Discharge Opening (mm)	Recommend feeding size when the minimum output size (mm)	Max feed size (mm)	Capacity (t/h)	Main Motor Power (kw)	Weight (kg)	Overall Dimension (L×W×H) (mm)
2'FT	SMC-0607	Standard fine	600	6-38	70	60	16-50	30	4500	2195x1158 x1651
	SMC-0609	Standard medium		10-38	95	80	18-65			
	SMC-0611	Standard coarse		13-38	110	90	22-70			
3'FT	SMC-0910	Standard fine	900	9-22	102	85	45-91	75	9980	2656x1636 x2241
	SMC-0917	Standard coarse		13-38	175	150	59-163			
	SMC-0918	Standard super coarse		25-38	178	150	118-163			
	SMC-0904	Short head fine		3-13	41	35	27-90		10530	
	SMC-0906	Short head medium		3-16	76	65	27-100			
	SMC-0907	Short head coarse		6-19	102	85	59-129			
	SMC-1313	Standard fine		13-31	137	115	109-181			
4.25'FT	SMC-1321	Standard medium	1295	16-38	210	178	132-253	160	22460	2983x1866 x3156
	SMC-1324	Standard coarse		19-51	241	205	172-349			
	SMC-1325	Standard super coarse		25-51	259	220	236-358			
	SMC-1306	Short head fine		3-16	64	54	36-163		22590	
	SMC-1308	Short head medium		6-16	89	76	82-163			
	SMC-1310	Short head coarse		8-25	105	89	109-227			
	SMC-1313	Short head super coarse		16-25	133	113	209-236			
	SMC-1636	Standard super coarse		1676	38-64	368	313			
SMC-1626	Standard coarse	25-64	269		228	299-635				

Compound cone crusher

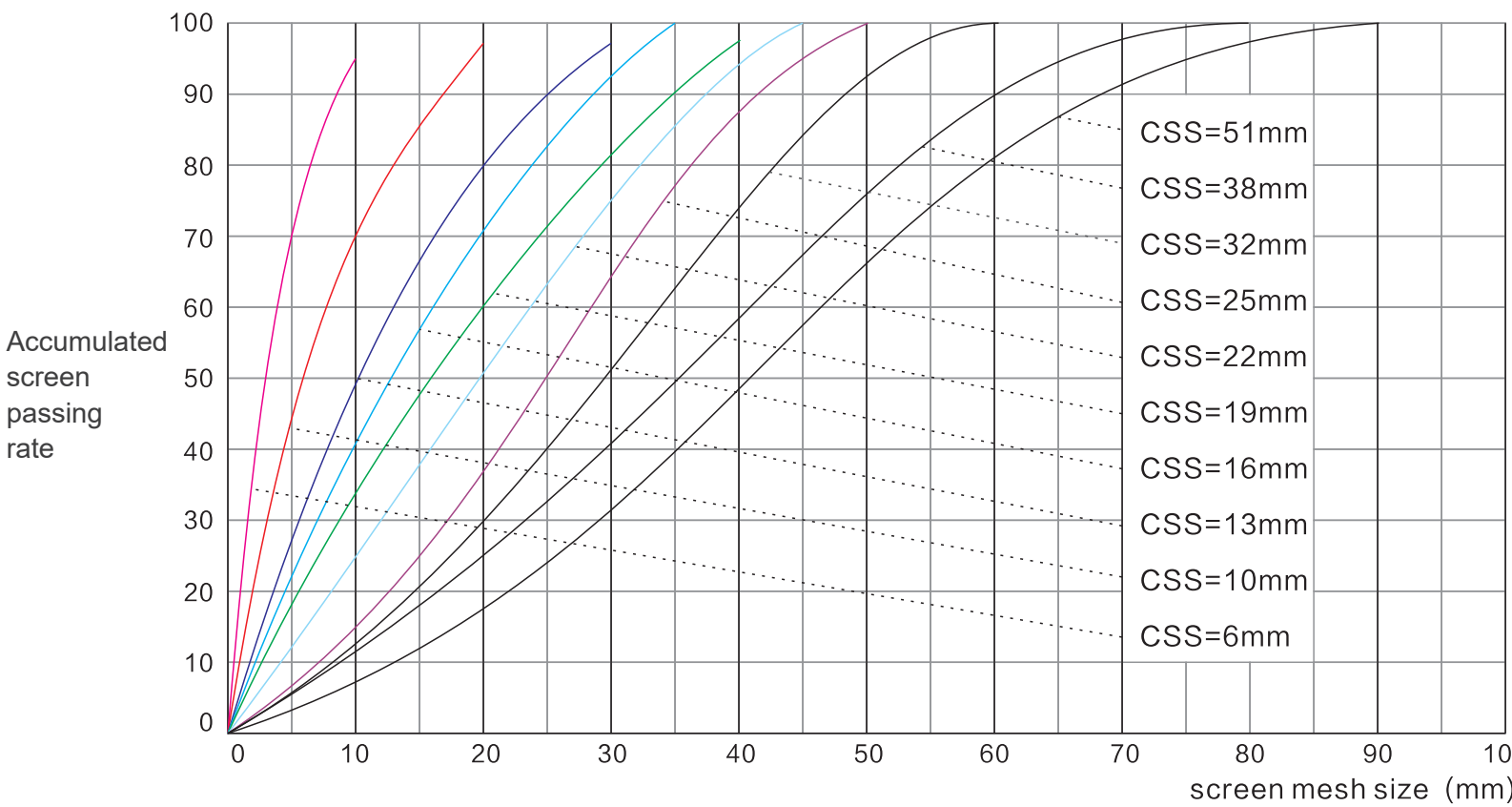
Daswell Stone crushing plant

Advanteges

- The replacement plate is faster and reduces failure.
- Large crushing ratio, large eccentricity of the main shaft, large inlet and small outlet.
- The speed increases, the power utilization rate is high, the cost is reduced.



Particle size distribution curve



Model and Parameter

Model	Cavity Type	Stroke (mm)	Max. Feeding Size(mm)	Discharging Opening Adjusted Scope(mm)	Capacity(t/h)	Motor Power (kw)	Weight(t)
CS1400C-D	Coarse	30	235	30-60	210-530	220	25
CS1400Z-D	Medium Coarse	30	215	25-50	200-500	220	25
CS1400Z-X	Medium Coarse	25	180	22-45	180-475	220	25
CS1400S-X	Fine	25	100	19-40	130-260	220	25
CS1200C-D	Coarse	22	180	19-50	110-250	132	16
CS1200S-X	fine	15	80	16-40	80-180	132	16

Spring cone crusher

Daswell Stone crushing plant

Application range

Spring cone crusher is suitable for crushing all kinds of ore and rock, which is medium hardness and above. It has the characteristics of reliable structure, high production efficiency and convenient adjustment. Standard type, medium type and short head type can be selected for coarse crushing, medium crushing and fine crushing operation according to customers requirements.



Advanteges

- Large crushing ratios, high efficiency and large processing capacity.
- Low operating costs and easy for adjustment.
- Long service life because of reasonable parts selection and structural design.
- Less failure.
- Each type of crusher has several cavity types, users can choose different cavity types according to different needs.

Model and Parameter

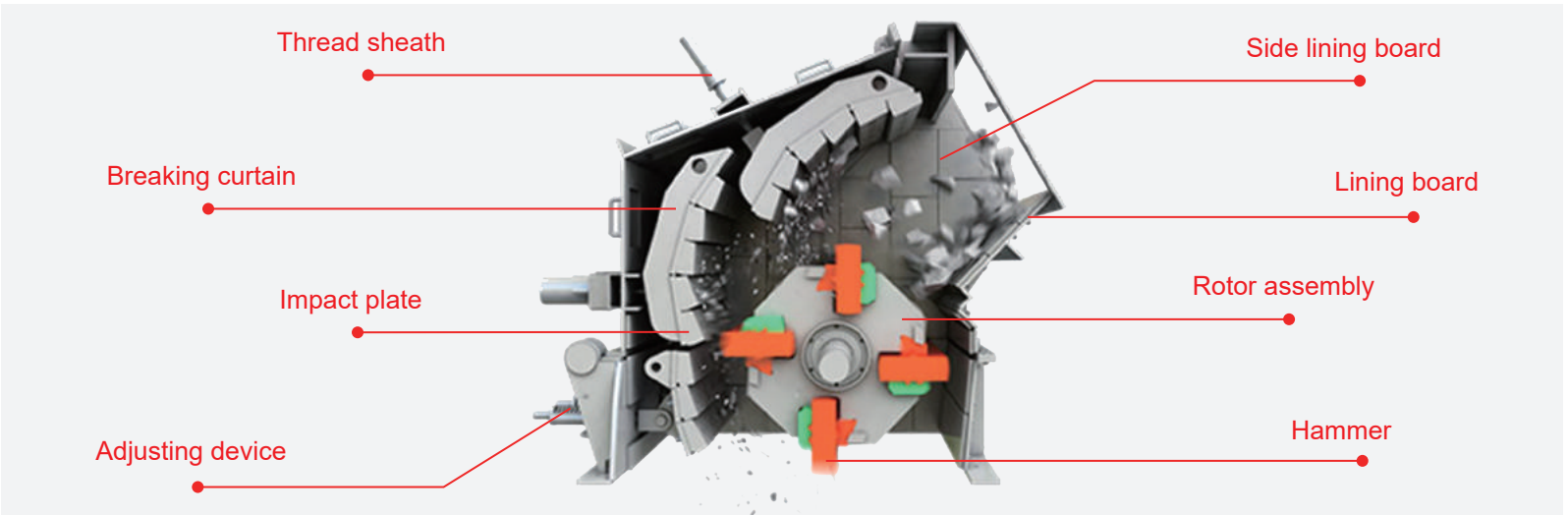
Type	Dia. of Cone(mm)	Adjusting Range of Discharge Opening (mm)	Max Feed Size (mm)	Capacity (t/h)	Motor Power (kw)	Weight (t)	Overall Dimension (mm)
SCS-600	600	12-25	65	15-25	30	5.5	1740×1225×1940
SCF-600		3-13	36	5-23	30	5.5	1740×1225×1940
SCS-900	900	15-50	115	50-90	55	10.18	1990×1640×2380
SCM-900		5-20	60	20-65	55	10.19	1990×1640×2380
SCF-900		3-13	40	15-50	55	10.27	1990×1640×2380
SCS-1200	1200	20-50	145	110-200	110	24.7	2805×2300×2980
SCM-1200		8-26	100	50-150	110	25	2805×2300×2980
SCF-1200		3-15	50	18-105	110	25.6	2805×2300×2980

Impact crusher

Daswell Stone crushing plant

Application range

Impact crusher is a kind of stone crusher. Due to its structural design, the crushed finished particles are mostly cubic in shape. Impact crusher is suitable for all kinds of coarse, medium and fine materials whose compressive strength does not exceed 350Mpa. Because its discharge size can be adjusted, it can meet the needs of different customers. It is often used in railroad, highway, energy, cement, chemical, construction and other industries.



Model and Parameter

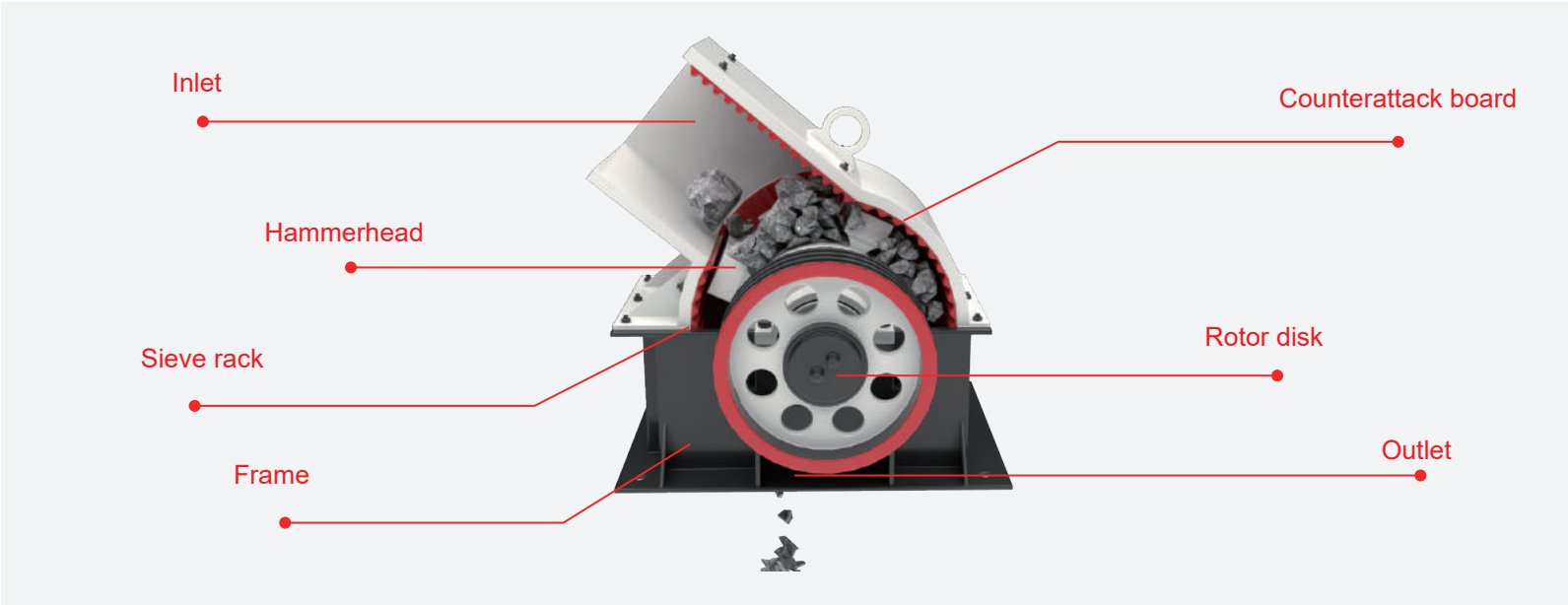
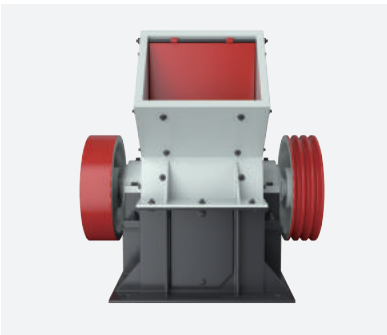
Model	Specification	Feed opening size (mm)	Feeding size (mm)	Capacity (t/h)	Power (kw)	Overall dimension (mm)
PF-1007	φ1000×700	400×730	≤250	15-60	45	2319×1654×2558
PF-1010	φ1000×1050	400×1080	≤300	50-90	55	2319×2001×2558
PF-1210	φ1250×1050	450×1060	≤300	80-150	90	2585×2053×2809
PF-1214	φ1250×1400	450×1440	≤300	100-200	132	2585×2403×2809
PF-1315	φ1320×1500	550×1530	≤350	130-280	185	2930×2761×3053
PF-1320	φ1320×2000	610×1900	≤500	180-400	220	3224×3175×2706
PF-1520	φ1500×2000	830×2040	≤700	300-550	(220-250)×2	3959×3564×3330
PF-1820	φ1800×2000	1260×2040	≤800	600-800	630-710	4400×3866×4009

Hammer crusher

Daswell Stone crushing plant

Advanteges

- Simple structure, small size, light weight, large production capacity and low production cost.
- Full crushing function, high productivity, low wear and tear of machine parts, and high overall efficiency.
- The gap between the impact plate and the plate hammer is easy to adjust, which can effectively control the size of the discharge and the particle shape is good.
- The crushing ratio is large, up to 40, so it can simplify the crushing process, which can make three stages crushing into two stages or one stage crushing, and reduce the equipment cost of mineral processing plant.



Low production cost



Uniform particle size



Low mechanical wear



Multifunctional hydraulic station

Model and Parameter

Model	Hammerhead quantity	Input size(mm)	Quiput size(mm)	Capacity(t/h)	Power(kw)
HC400X300	16	<100	<15	5-10	11
HC350X500	20	<100	<15	8-15	18.5
HC600X400	20	<220	<15	10-25	22
HC800X600	24	<350	<15	20-50	55

Vibrating screen

Daswell Stone crushing plant

Application range

VS series vibrating screen is a new type of multi-layer vibrating screen, which has the characteristics of large processing capacity, flexible adjustment, stable vibration source, strong excitation force, wide applicability and long service life. It can be specially designed for quarry sorting stone design, also can be used for coal, mineral processing, building materials, electric power and chemical and other departments for product classification.



Model and Parameter

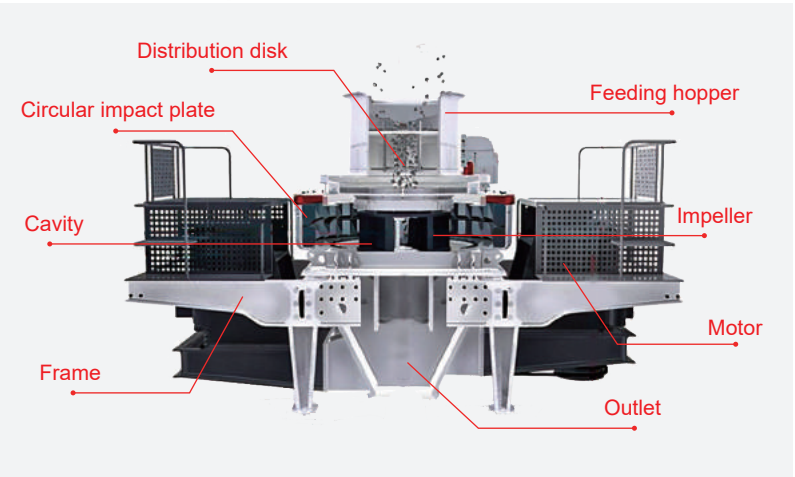
Model	Layer	Sieve Pore Size (mm)	Max. Feeding Size(mm)	Capacity (m³/h)	Double Amplitude (mm)	Power (kw)	Screen Specification(mm)
2VS1237	2	3~50	200	10~120	5-9	11	1200×3700
3VS1237	3	3~50	200	10~120	5-9	11	1200×3700
2VS1548	2	3~100	400	30~275	5-9	15	1500×4800
3VS1548	3	3~100	400	30~275	5-9	15	1500×4800
4VS1548	4	3~100	400	30~275	5-9	15	1500×4800
2VS1848	2	3~100	400	56~330	5-9	18.5	1800×4800
3VS1848	3	3~100	400	56~330	5-9	18.5	1800×4800
4VS1848	4	3~100	400	56~330	5-9	18.5	1800×4800
2VS1860	2	3~100	400	65~586	5-9	22	1800×6000
3VS1860	3	3~100	400	65~586	5-9	22	1800×6000
4VS1860	4	3~100	400	65~586	5-9	22	1800×6000
2VS2160	2	3~100	400	81~720	5-9	30	2100×6000
3VS2160	3	3~100	400	81~720	5-9	30	2100×6000
4VS2160	4	3~100	400	81~720	5-9	30	2100×6000
2VS2460	2	3~150	400	100~810	5-9	37	2400×6000
3VS2460	3	3~150	400	100~810	5-9	37	2400×6000
4VS2460	4	3~150	400	100~810	5-9	37	2400×6000

Sand making machine

Daswell Stone crushing plant

Application range

VSI sand making machine with its unique rotor structure design, wear-resistant material process, crushing speed optimization and hydraulic design can provide high quality sand and gravel aggregate for highway, high-speed railroad, municipal construction, hydropower dam construction and concrete mixing plant. It has the characteristics of large processing capacity, stable operation, low consumption of wearing parts, excellent product granularity, thin oil lubrication, automatic maintenance, etc.



- Multiple feeding methods can be converted.
- Fineness modulus can be adjusted and controlled.
- Automatic detection is safe and reliable.
- Green environmental protection and less pollution.
- Unique design, easy to maintain.
- Quality assurance, high efficiency and low consumption.
- Thin oil lubrication, reduce manpower.

Model and Parameter

Model		VSI5X7615	VSI5X8522	VSI5X9532	VSI5X1145
Capacity (t/h)	Cascade and center feeding	150-280	240-380	350-540	500-640
	Center feeding	70-140	120-190	180-280	250-360
Max. feed size (mm)	Soft material	<35	<40	<45	<50
	Hard material	<30	<35	<40	<45
Main shaft speed (rpm)		1700-1900	1500-1700	1300-1510	1100-1310
Power kw (HP)		2×75 (100)	2×110 (150)	2×160 (220)	2×220 (300)
Overall dimension (mm)		4100×2330×2300	4140×2500×2700	4560×2600×2900	5000×2790×3320
Weight (t)		8.6	11.8	17.5	27.5
Lubrication station	Power kw (HP)	2×0.25 (0.33)			
	Safety	Two lubrication pumps alternately guarantee the oil supply continuously. Automatic stop working when weak oil flow or low hydraulic pressure. Air cooling system. Starting heating system automatically in winter.			
	Oil tank heater power (kw)	2			
	Overall dimension (mm)	820×520×1270			



Wheel sand washer

Daswell Stone crushing plant



Model and Parameter

Model	Feeding size (mm)	Capacity (t/h)	Impeller size (mm)	Power (kw)	Weight (kg)	Overall dimension (L*W*H) (mm)
WSW1808	≤10	20-40	1800*800	3	2400	3000*2400*1900
WSW2512	≤10	20-50	2600*1200	4	3600	3900*2900*2700
WSW3016	≤10	50-120	3000*1600	5.5	4900	4400*3300*3100
WSW3620	≤10	120-180	3600-2000	7.5	7500	5100*3750*3700
WSW3624	≤10	140-220	3600*2400	11	7950	5100*4100*3700
WSW4230	≤10	180-250	4200*3000	15	11800	6000*4800*4300

Spiral sand washer

Daswell Stone crushing plant



Model and Parameter

Model	Feeding size (mm)	Capacity (t/h)	Diameter of spiral (mm)	Number of spirals (pcs)	Length of the tub (mm)	Power (kw)	Weight (kg)	Overall dimension (L*W*H) (mm)
SWS920	≤10	30-60	920	1	8000	11	4270	8710*1630*2080
SWS1120	≤10	40-80	1120	1	8000	18.5	5560	9230*1840*2130
SWS1500	≤10	50-100	1500	1	8000	22	7260	9620*2230*2480
2SWS920	≤10	60-120	920*2	2	8000	11*2	7580	8710*2600*2080
2SWS1120	≤10	80-160	1120*2	2	8000	18.5*2	10200	9230*3050*2130
2SWS1500	≤10	120-250	1500*2	2	8000	22*2	14600	9620*3730*2480

Construction cases

Daswell Stone crushing plant



Daswell Stone crushing plant are located all over the country and exported to more than 40 countries and regions. The sales volume of mining machinery and equipment has been in the forefront of the world for many years.

Corporate Culture

Build a better world with high-quality products

With 37 years of focus on machinery and equipment manufacturing, we adhere to the original intention, only to make better machinery and equipment.

1986-2023

Enterprise mission: Build a better world.

Enterprise vision: Dedicated to provide better machinery

Enterprise values: Customer-oriented, dedicated employees as our foundation, take an unremitting effort.

After-Sales Service

Daswell--Be a good helper to customers

DASWELL upholds the integrity management, customer first service tenet, in addition to the excellent product and excellent solution design, DASWELL also has a thoughtful perfect pre-sale and after-sale technical services, help solve the problems from project consultation, field survey, and sample analysis to the project design, installation, debugging, maintenance, etc. Ensure that all parts are properly connected with customers and timely solve customer needs.

- DASWELL has skilled and experienced after-sales maintenance service engineers, who can timely provide satisfactory solutions to customer problems.
- We will build a WeChat group or WhatsApp group for each customer. If you have any questions, you can feedback at any time. We will provide uninterrupted service for you 24 hours, 365 days.
- Within the warranty period (within 12 months from the date of completion of debugging), we will provide repair for the damage caused by human causes, and only charge the cost price for the materials and accessories used in the repair. Our company is responsible for the repair or replacement of any problem or damage caused by non-human causes.
- Adequate parts library. There are various types of accessories for all kinds of equipment in the accessories library to prevent the operation and production of customer equipment from being delayed due to the lack of accessories.

