



CRUSHER MACHINERY

JAW CRUSHER / CONE CRUSHER / IMPACT CRUSHER

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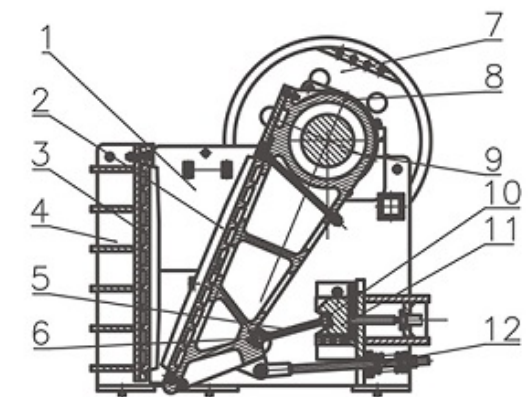
JAW CRUSHER

JAW CRUSHER

Product Description

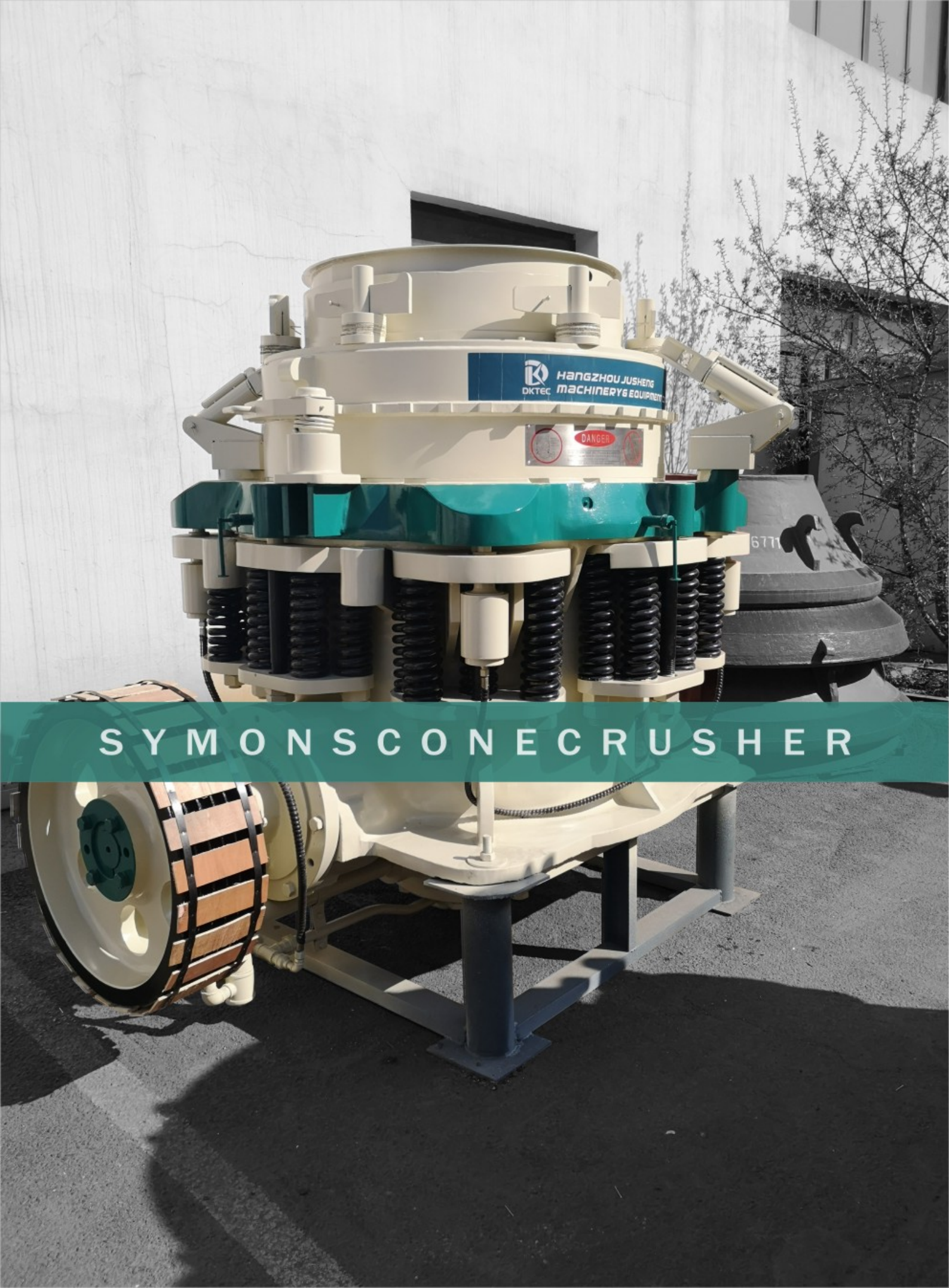
Jaw crusher adopts wear resistant high manganese material with the advantages of light weight, high strength, good rigidity and low energy consumption. Not only greatly reduce the equipment operation cost, but also has a bigger feed size and more even final product. maximum compression strength is 320MPa. PE Series is used in the primary crushing, and PEX series is the secondary crushing machine. jaw crusher can fully satisfied customers' crushing requirements from various industries including mining, metallurgy, building materials, water conservancy, chemistry, etc.

- | | |
|---------------------|-----------------------------|
| 1. Propection plate | 7. Flying groove wheel |
| 2. Moving jaw plate | 8. Swing jaw |
| 3. Fixing jaw plate | 9. Eccentric shaft |
| 4. Frame | 10. Adjustment toggle plate |
| 5. Toggle plate | 11. Adjustment seat |
| 6. Brake pad | 12. Spring screw |



Technical Parameters

Model	Max opening dimension(mm)	Max. feed size(mm)	Output range (mm)	Capacity (t/h)	Power (kw)	Weight (t)	Overall dimensions (mm)
PE-150x250Z	150x250	125	10-40	0.96-4.8	5.5	0.81	950x760x890
PE-250x400H(Z)	250x400	210	20-80	5-21	15	2.8	1400x1315x1380
PE-400x600H(Z)	400x600	340	40-100	16-64	30	6.5	1650x1732x1700
PE-500x750	500x750	425	50-100	45.6-100	55	10.3	2250x1900x2150
PE-600x900	600x900	500	65-100	48-120	55/75	15.5	2520x1840x2400
PE-750x1060	750x1060	630	80-140	51-208	110	25.1	2800x2450x3050
PE-870x1060	870x1060	660	200-260	181-260	110	28.7	2920x2450x3050
PE-900x1200	900x1200	750	100-200	144-304	160	43.3	3875x3000x3200
PE-1000x1200	1000x1200	850	195-265	315-342	160	50.6	3980x3000x3200
PE-1200x1500	1200x1500	1000	150-350	300-800	220	78.14	4800x3200x4200
PEX-250x750H(Z)	250x750	210	25-60	12.8-35.2	22	4.9	1650x1680x1450
PEX-250x1000H(Z)	250x1000	210	25-60	16-51.2	30/37	6.5	1600x1992x1480
PEX-250x1200H(Z)	250x1200	210	25-60	20-60	37	7.7	1700x2190x1550
PEX-300x1300	300x1300	250	20-90	16-104	75	11	2150x2320x1820



SYMONS CONE CRUSHER

Product Description

Unequaled output and uniform product throughout a wide range of capacities which only the unique and unduplicated symons principle of crushing can deliver.

Hydraulic controls providing fast setting changes and simply clearing, long life and low operating and maintenance costs assured by crusher design and quality manufacturing customer service it means being responsive to all our customers needs

1. Bowl liner

2. Mantle

3. Socket liner

4. Socket

5. Main frame

6. Main shaft

7. Inner bushing

8. Mainframe cap

9. Upper step bearing plate
10. Eccentric

11. Eccentric bushing

12. Countershaft bor

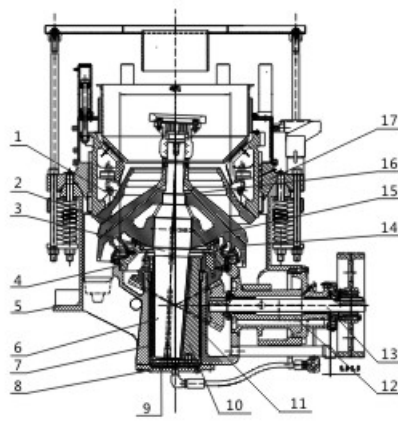
13. Countershaft bushing

14. Head skirt

15. Head

16. Adjustment ring

17. Sleeve

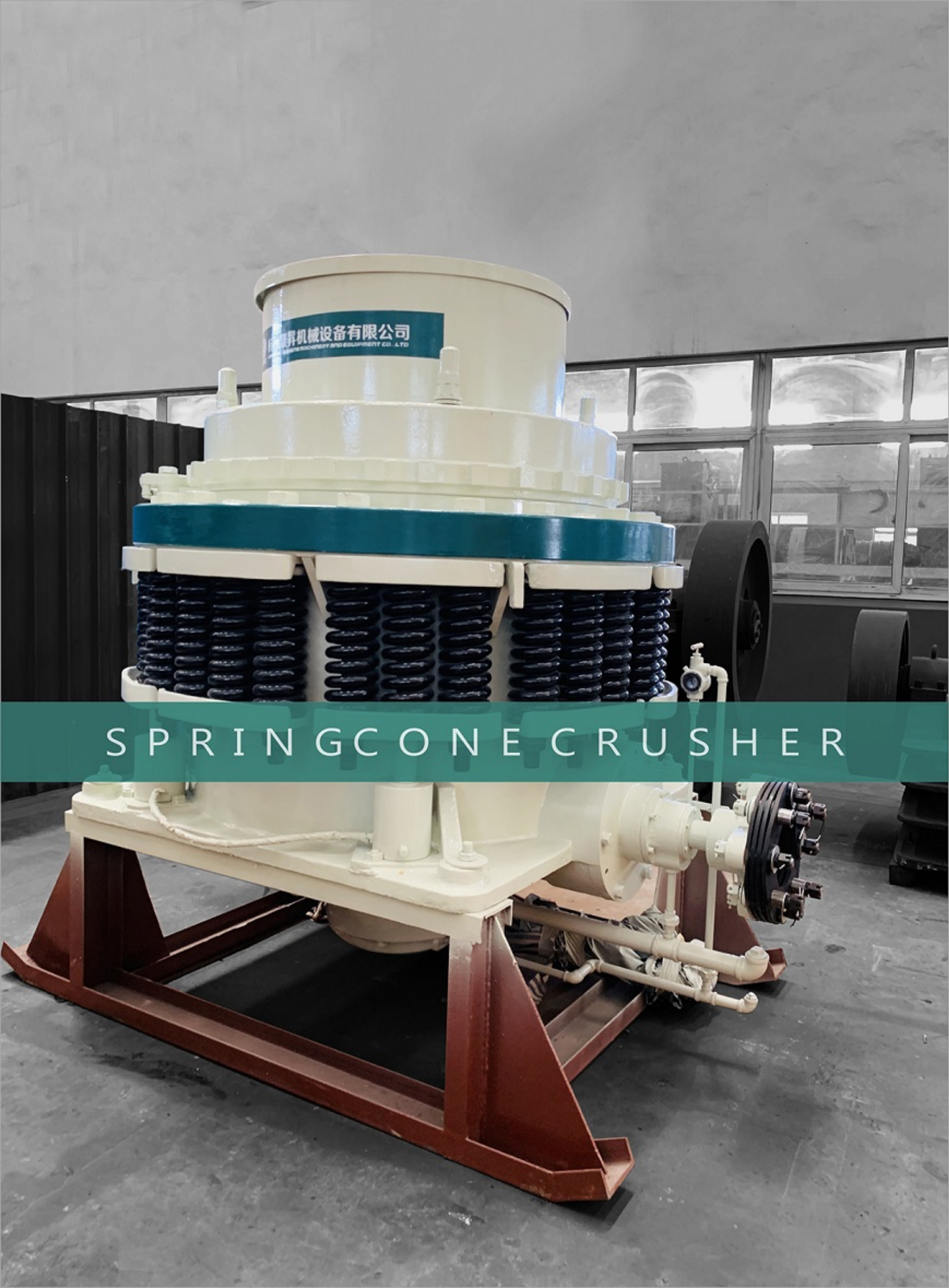


Technical Parameters

Type	2FT			3FT			4FT				4¼ FT			
Item	F	M	C	F	M	C	F	M	C	EC	F	M	C	EC
Cone big end dia(mm)	610(2')			914(3')			1219 (4')				1295 (4¼)			
Feed diameter(mm)	72	95	109	102	175	178	131	156	191	250	137	210	241	259
Discharge Opening(mm)	6-38	6-25	9-38	9-22	13-38	25-38	9-31	13-38	19-51	25-51	13-31	16-38	19-51	25-51
Capacity(t/h)	16-54	11-52	18-41	45-90	59-162	117-162	63-165	99-198	140-306	189-315	108-180	13-252	171-347	243-356
Main motor Power(kw)	22			75			110				155			
Main motor speed(rpm)	490/985			490/985			490/985				490/985			
Overall dimension(LxWxH)	2195x1158x1651			2656x1746x2241			2656x1974x3112				2958x2354x3156			
Weight of machine(t)	6.1			17.5			24				26.5			

Type	5½FT				7FT				7FT			
Item	F	M	C	EC	F	M	C	EC	F	M	C	C
Cone big end dia(mm)	1676 (5½)				2134 (7')				2134 (7')			
Feed diameter(mm)	209	241	269	368	278	334	369	460	278	334	369	460
Discharge Opening(mm)	16-38	22-51	25-64	38-64	19-38	25-51	31-64	38-64	19-38	25-51	31-64	38-64
Capacity(t/h)	180-340	256-414	297-630	428-675	378-720	603-990	783-1260	873-1351	540-1026	855-1413	1116-1800	1242-1926
Main motor Power(kw)	220				315				400			
Main motor speed(rpm)	490/985				490/985				490/985			
Overall dimension(LxWxH)	3911x2870x3771				4613x3251x4732				5930x3771x4372			
Weight of machine(t)	48.78		48.82									106.5

Remark: F: Fine M: Middle C: Crude stand for the size of finishing products



SPRING CONE CRUSHER

Product Description

Spring cone crusher feature compact structure and high production efficiency,bowl-shaped bearing is applied for high-precision reservation,It has centralized thin oil lubricating system and new oil sealing dust-proof system,when extraneous matters enters crushing chamber,the spring security device can protect the equipment from being damaged,The series is usually applied in secondary and tertiary crushing stations.and it is suitable for crushing rocks and ores with hardness medium and above,such as iron ore,copper ore,limestone,quartz,granite,sandstone,etc. the standard type is suitable for medium crushing,medium type and short head type are for fine crushing and widely applied in mining,building,water conservancy,chemical industry and other fields.

1. Adjustment Part

2. Support Part

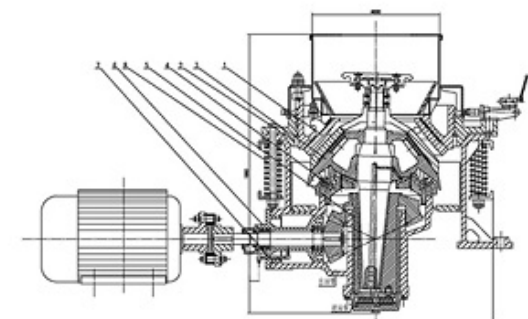
3. Crushing Part

4. Bowl bearing
5. Eccentric Sleeve

6. Driving Part

7. Frame

8.Spring



Technical Parameters

Model	Max .feed size (mm)	Discharge opening range(mm)	Capacity (t/h)	Power (kw)	Weight (t)	Overall dimensions (mm)
PYB-900	115	15-50	50-90	55	11.2	2692x1640x2350
PYD-900	40	3-13	14-50	55	11.3	2692x1640x2350
PYZ-900	60	5-20	50-65	55	11.2	2692x1640x2350
PYB-1200	145	20-50	110-168	110	24.7	2590x1878x2844
PYZ-1200	100	8-25	42-134	110	25.0	2590x1878x2844
PYD-1200	50	3-15	18-105	110	25.3	2590x1878x2844

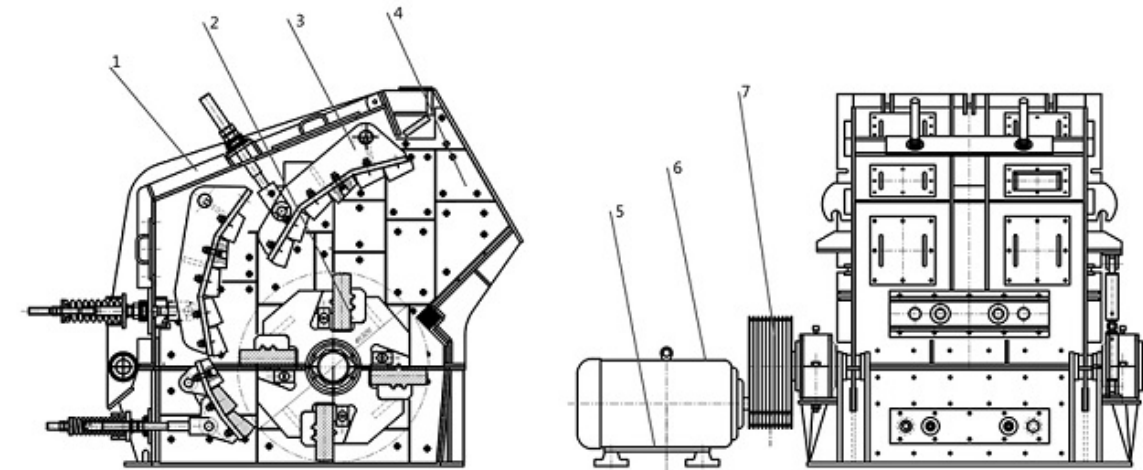


IMPACT CRUSHER

IMPACT CRUSHER

Product Description

Impact crusher includes secondary and tertiary impact plate which can handle the material less than 100-800mm in length; it is suitable to crush the medium hard material with compressive resistance of 350MPa. the discharging from impact crusher is small and fine granularity of cubic shape. Elaborate design of rotor components makes the rotor with good static and dynamic equilibrium to reach stable function and little noise of impact crusher.



1. Frame
2. Rotor

3. Crushing chamber
4. Liner

5. Motor seat
6. Motor

7. Driving device

Technical Parameters

Model	Rotor Dimension (mm)	Feeding Opening (mm)	Max. Feeding Size (mm)	Capacity (t/h)	Power (kw)	Weight (t)
PF-1007VI	φ1000x700	400x730	300	20-40	55	9.5
PF-1214V	φ1280x1400	400x1430	350	95-145	132	16.8
PF-1315V	φ1320x1500	800x1530	300	100-180	185/220	21.0
PF-1320V	φ1320x2000	800x2030	400	280-320	280	29.7
PF-1214VI	φ1280x1400	400x1430	350	95-145	132	15.3
PF-1420	φ1400x2000	1250x2030	600	250-350	355	40.0
PF-1620	φ1600x2000	1600x2080	600-800	350-400	560	47.5
PF-1010V	φ1000x1050	400x1080	350	50-80	55	12.8
PF-1210V	φ1280x1050	400x1080	350	70-120	110	14.1



VERTICAL SHAFT HAMMER CRUSHER

Product Description

PLFC vertical shaft hammer crusher is widely used to process aggregates with various rocks, rinding andrefractory materials,cement, quartzite, iron ore and concrete aggregates. It is especially suitable for processingsand for buildings and road construction.

- 1.Simple but rational structure, low operational cost;
- 2.Able to be used for both coarse and fine material crushing,mini-mum wear and easy maintenance;
- 3.Allowing for a maximum moisture of 8%;
- 4.Products in cube-shape with high stacking density to avoid ironpollution.

Technical Parameters

Model		PLFC-750	PLFC-1000	PLFC-1250	PLFC-1500	VSI-1750
Capacity(t/h)	Ore	10-15	20-30	30-45	50-60	65-90
	Sinter cake	8-12	15-25	25-40	40-55	55-75
Power(KW)		30	45-55	75-90	110	132-160
Max.Feed size(mm)		80	100	120	140	160
Discharge size(mm)		3-5	3-5	3-5	3-5	3-5



VERTICAL SHAFT IMPACT CRUSHER

Product Description

Vertical shaft impact crusher can use high speed of impeller at 80m/s, it can be used in making the final products with better shape to optimize grain size distrubtion and make the fineness modulus smaller.

There are two types of crushing modes of this equipment with same crushing cavity; "stone-beat-stone" and "stone-beat-Iron:",By changing several parts,the crushing modes can switched to each other,It can adapt to many working conditions and different requirements of crushing and shaping.

Feeding control device , lift device , hydraulic lifting device, oil lubrication system and PLC system , and etc, is optional

Gradation Curves

Table1: for manufactured sand

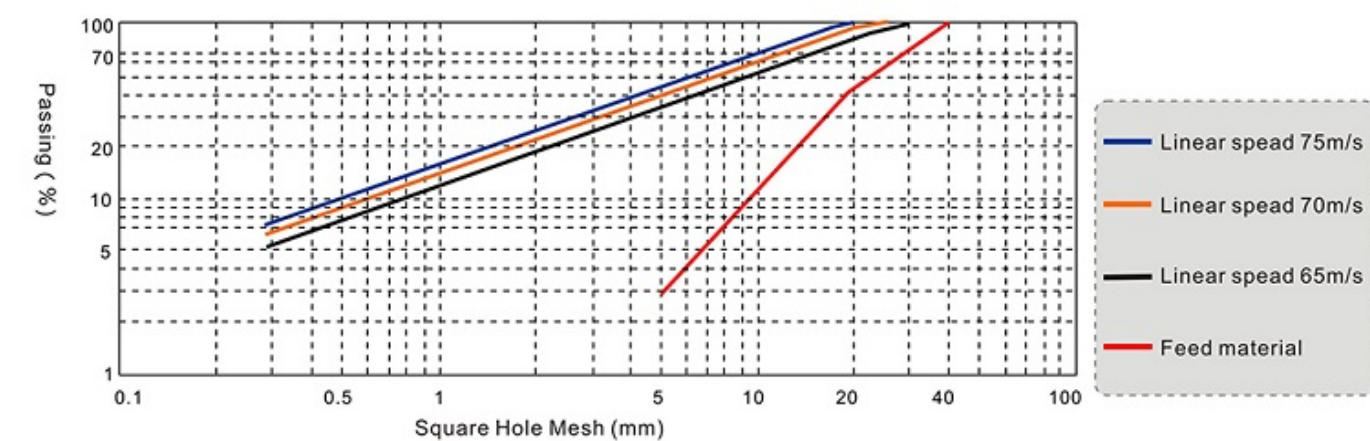
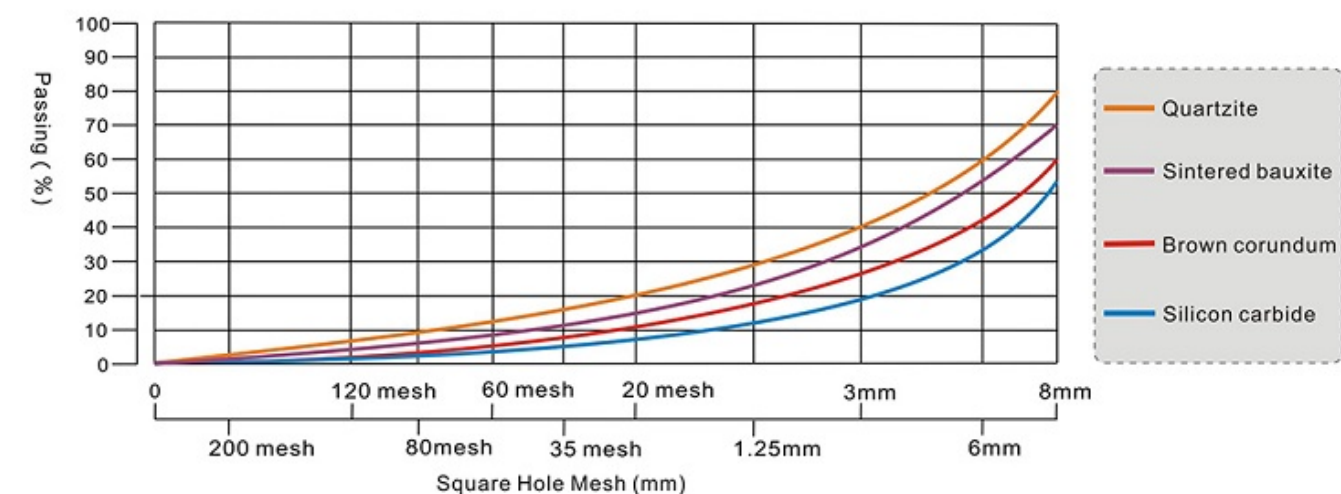


Table2: for processing nonmetallic ore (Feed size-35mm)



Technical Parameters

No.	Model	Max.Feed Size (mm)	Impeller Speed(rpm)	Power(kw)	Capacity(t/h)	Weight(t)
1	VSI-550	30	2258-2600	30-45	24-60	4.78
2	VSI-700	35	1775-1965	55-110	55-120	7.50
3	VSI-820II	50	1320-1720	150-320	75-345	11.50
4	VSI-1000II	60	1240-1460	320-500	200-385	17.00
5	VSI-1200II	60	1040-1300	500-630	300-715	22.70



VIBRATING FEEDER

VIBRATING FEEDER

Product Description

GZG, ZSW series vibrating feeder is specially designed for crushing screening before coarse crusher evenly conveying bulk material and design a new type of vibrating feeder.

The machine in the production process can be massive, granular materials from storage bin evenly, regularly and continuously to the device, there by preventing the machine due to uneven feed of the phenomenon of gosh, prolong the service life of the equipment.

It is widely used in metallurgy cool ore, mine separation, building materials, construction, chemical etc. this series vibrating feeder smooth vibration, reliable operation, low noise, small energy consumption, no flow phenomenon, long service life, convenient maintenance and light quality, small volume, equipment adjustment convenient installation, good comprehensive performance, when closed the fuselage structure is used to prevent dust pollution.

Technical Parameters

Model	Max.feed size(mm)	Capacity (t/h)	Power (kw)	Chamber Size (mm)	Weight (t)
GZG1003	300	296-400	1.1x2	1750x1000	0.8
GZG1303	350	480-690	1.5x2	2050x1300	1.2
GZG1503	500	720-1000	2.2x2	2250x1600	1.5
GZG1603	500	770-1100	3x2	2250x1600	1.55
ZSW-360x95	425	96-160	11	3600x950	4.0
ZSW-380x95	500	96-160	11	3800x950	4.1
ZSW-420x110	580	120-240	15	4200x1100	4.7
ZSW-430x110	500	120-240	15	4300x960	5.0
ZSW-490x110	630	120-280	15	4900x1100	5.4
ZSW-590x110	630	120-280	15	5900x1100	6.1
ZSW-600x130	630	400-560	22	6000x1300	7.5
ZSW-600x150	800	460-575	30	6000x1500	8.7
ZSW-600x180	800	600-800	37	6000x1800	12.6



V I B R A T I N G S C R E E N

VIBRATING SCREEN

Product Description

The vibrating screen novel structure, with advanced technology, domestic initiation, strong processing ability, high screening efficiency.

It used vibration exciter as the excitation source, which is convenient for repair. Rubber vibration isolation spring, has a long service life, low noise, stable vibration, etc.

Technical Parameters

Model	Screen Layer	Screening Area (m ²)	Screen Area (mm)	Max.feeding Size (mm)	Capacity (t/h)	Power (kw)	Weight (t)	Installation Slope (°)
3YK-1548	3	7.2	5-50	200	47-275	15	5.50	15
4YK-1548	4	7.2	5-100	200	47-275	18.5	7.09	20
YK-1860	1	10.8	5-100	200	63-386	15	5.46	20
2YK-1860	2	10.8	5-100	200	63-386	18.5	6.80	15
3YK-1860	3	10.8	5-100	200	63-386	30	8.75	15
4YK-1860	4	10.8	5-100	200	63-386	30	9.52	20
YK-2160	1	12.6	5-100	200	73-863	30	7.00	20
2YK2160	2	12.6	5-100	200	81-720	22	9.24	20
3YK-2160	3	12.6	5-100	200	81-720	30	11.00	20
4YK-2160	4	12.6	5-100	200	95-780	30	12.76	20
YK-2460	1	14.4	5-150	200	150-810	37	6.20	20
2YK-2460	2	14.4	5-150	200	150-810	22	9.30	20
3YK-2460	3	14.4	5-150	200	150-810	30	11.93	20
4YK-2460	4	14.4	5-150	200	150-810	37	14.23	20



BELT CONVEYOR

BELT CONVEYOR

Product Description

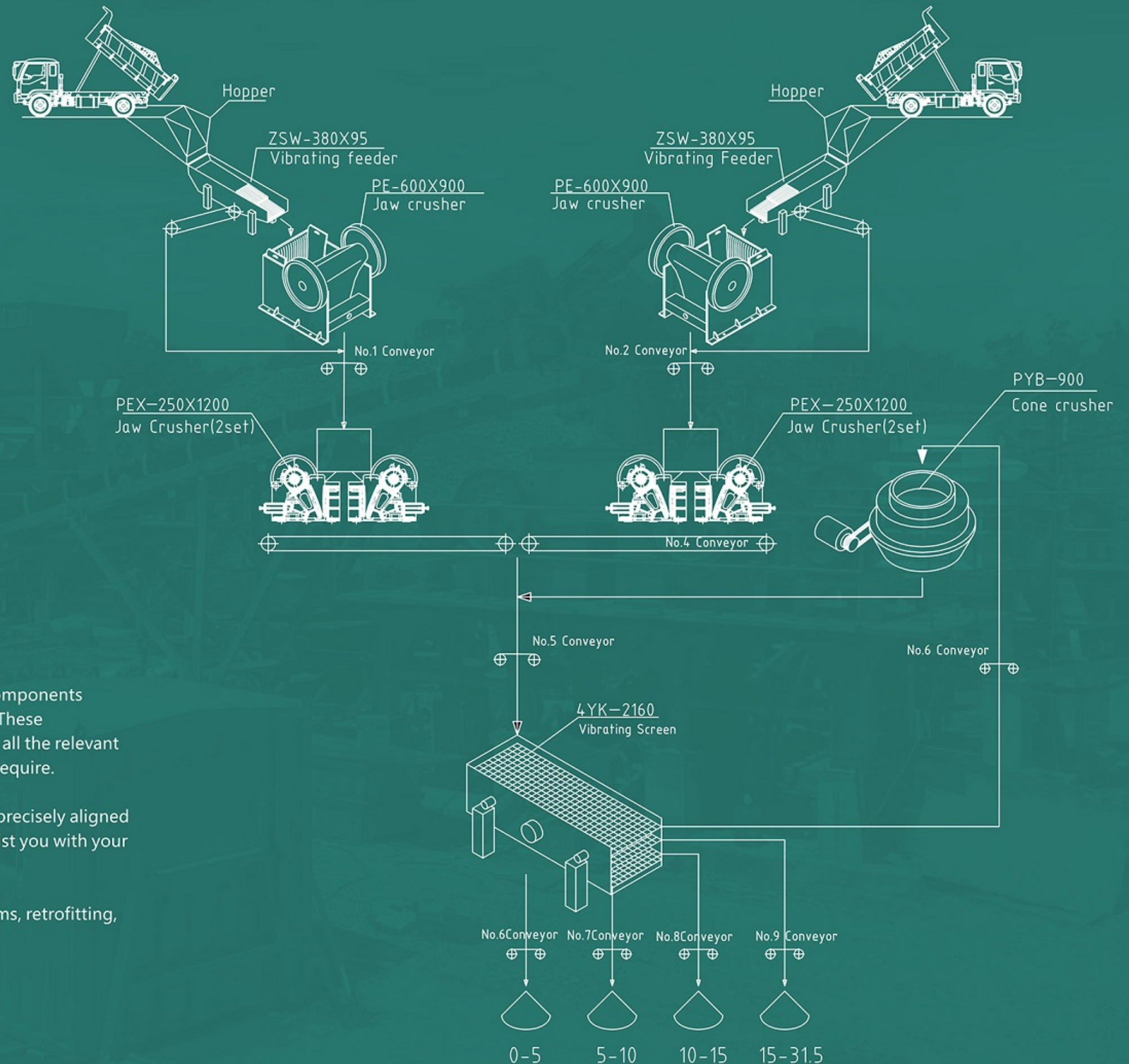
The belt conveyor is widely used to transport loose materials or finished products in the fields of mining metallurgy and coal. It has the advantages of large conveying capacity simple structure, easy maintenance, standardization of components, etc.

According to the conveying process requirements, can be a single use, also can be used more than one or match with other conveying equipment

Technical Parameters

Belt Width(mm)	B500			B650			B800			B1000			B1200			B1400		
Belt Length(mm)	≤12	12-20	20-23	≤12	12-20	20-30	≤6	6-15	18-30	≤10	10-20	20-40	≤10	1-20	20-40	≤10	10-20	20-40
Power(kw)	3	4-5.5	5.5-7.5	4	5.5	5.5-7.5	4	5.5	7.5-15	5.5	7.5-11	11-22	7.5	11	15-30	11	11-15	15-45
Belt Speed(m/s)	1.3-1.6			1.3-1.6			1.3-1.6			1.3-2.0			1.3-2.0			1.3-2.0		
Capacity(t/h)	40-80			130-320			280-540			430-850			655-1280			880-1710		

CRUSHER PLANT



We offer to identify and deliver the peripheral plant components for DKTEC crushing systems according to your needs. These components include conveying systems and batchers, all the relevant spare parts for crusher machinery, anything else you require.

We design and dimension plant components that are precisely aligned with your on-site conditions. We are also happy to assist you with your retrofitting project.

Simply contact us when you need help with new systems, retrofitting, or expansions!