

European type jaw rock crusher machine

European type jaw rock crusher machine brief introduction:

European type industrial jaw rock crusher(Sales code: JCE Series jaw rock crusher) undoubtedly becomes the most welcome crushing machine in the world without controversy. The European type industrial jaw rock crusher adopts the most advanced international crushing technology as well as the top-ranking skills in manufacturing industries. If you want to crush the hard and abrasion proof stuff materials with high efficiency, the European type industrial jaw rock crusher is your best choice in the world.

European type jaw rock crusher machine is suitable for:

European type industrial jaw rock crusher is explored on the base of the traditional jaw rock crusher machine. European type jaw rock crusher machine adapt to crusher the raw materials of mid-hardness or high-hardness, such as slag, construction materials, marble, etc, whose pressure resistance strength is under 200Mpa.The crusher machine of this design is used in stone mining, metallurgical industry, building material, highway, railway, refractories industry , cement making industry, pottery and porcelain making, chemical industry, etc. Note: Maximum size of feed materials must be less than what is required according to the specifications.

European type Jaw rock crusher machine benefits and features:

- 1) More advanced movable jaw assembly lengthens service time of the JCE series jaw rock crusher machine.
- 2) World-class manufacturing technology and perfect raw material from Baosteel, Siemens, Timken
- 3) Adjustment of the discharge opening is more convenient.
European type jaw rock crusher machine is equipped with wedge adjustment devices, which makes discharge simpler, safer and faster than the spacer on old style jaw rock crusher machine.
- 4) Crusher chamber adopts "v"-type structure which make the actual feed width of the European type jaw rock crusher machine coincide with the nominal one.
- 5) Bearing with larger specification and stronger bearing capacity is used.
All European type industrial jaw rock crusher machine is equipped with larger and more durable eccentric shaft bearings than the one on the old-fashioned jaw rock crusher machine in the same specification. The better carrying capacity and the more effective labyrinth seal system greatly extend the service life of the bearings.
- 6) The Tooth-type guard board which is European type jaw rock crusher machine newly adopted has greatly increased the effective area of the friction, resulting in higher yields.
- 7) The bearing pedestal of the European type jaw rock crusher machine has taken integral cast steel structure. Integral cast steel bearing pedestal matches well with the European type jaw rock crusher machine frame. Meanwhile, radial strength of the bearing pedestal is greatly enhanced, However, the single bearing pedestal does not have this advantage.
- 8) Finite element analysis technology is adopted to ensure the European type jaw rock crusher

machine with high intensity.

European type jaw rock crusher machine main structure:

When The European type jaw rock crusher machine as a whole has been disassembled. You will find the spare parts is: frame, the rotation of the eccentric shaft, the working part of crushing cavity, the safety unit and the adjustment devices of the discharging opening.

European type jaw rock crusher machine working principle:

When movable jaw plate of the jaw rock crusher machine is driven by belt and belt wheel towards to fixed jaw plate, material is crushed or ground. Motor drives the movable jaw up and down through eccentric shaft. The angle between toggle plate and movable jaw increases when movable jaw moves up. The stones and rocks are crushed in this process. The angle between toggle plate and movable jaw decreases when movable jaw moves down, the movable jaw move away from fixed jaw by the pulling of rode and spring, the stuff crushed will be discharged from the output opening. This process will repeat. The moving jaw will crush and discharge the stuff circularly.

European type jaw rock crusher machine image:



European type jaw rock crusher machine specification:

Parameter Model Content	JC1302	JC1003	JC1303	JC604	
Feeding Opening(mm)	180×1300	250×1000	250×1300	400×600	
Max Feeding Size(mm)	150	220	220	350	
Adjustable Range of Discharge Opening(mm)	10-30	20-40	70-100	35-85	
Eccentric Shaft Rotation Speed(rpm)	320	330	290	250	
Theoretical Producing Capacity(t/h)	12-35	15-50	26-85	15-70	
Electric Motor	Model	Y225M-6	Y225M-6	Y250M-6/Y280S-6	Y225M-6
	Power(Kw)	30	30	37/45	30
	Rotation Speed(rpm)	980	980	980	980
Overall Dimension(LWH)	1320×2150 ×1175	1400×1850 ×1310	1450×2150 ×1175	1920×1460 ×1840	
Weight(Kg)	6000	5600	6800		
Voltage (V)	380	380	380	380	
Frequency (Hz)	50	50	50	50	

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