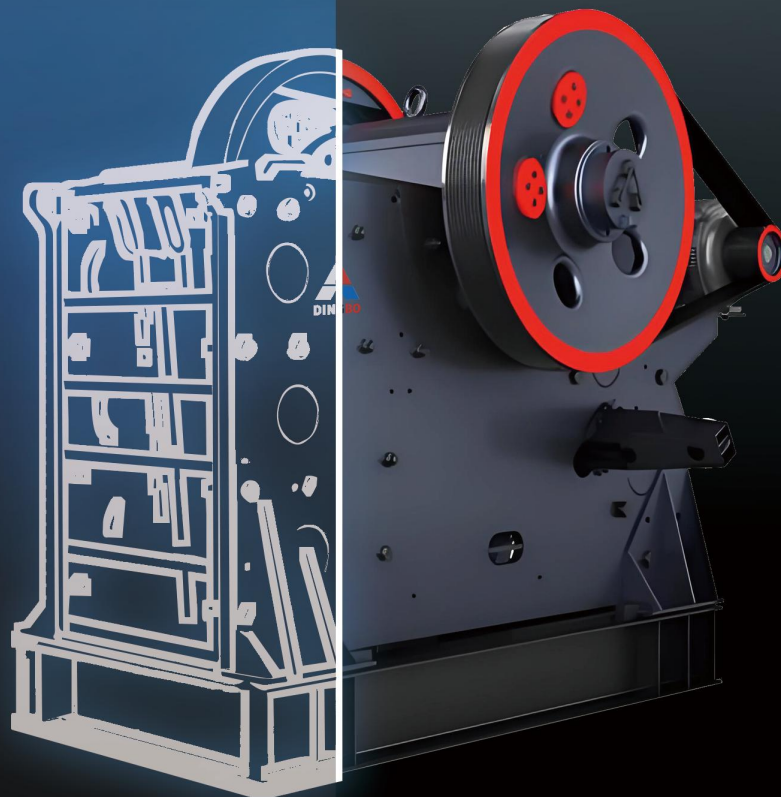




DING BO

# PEC Jaw Crusher

Capacity: 50-2700t/h  
Max. Input Size: 2100mm



Craftsmanship  
Shape the reputation of trust



# Features

## **The whole set of heavy movable jaw plate is durable**

The whole set of heavy movable jaw plate integrates forged heavy eccentric shaft, high quality bearing of heavy loading, the design of movable jaw plate optimized by finite element analysis. These features assure the stroke resistance and stability. Labyrinth seal and centralized lubricating system prevent the grease of bearing not to be contaminated, and assure the easy lubrication which results in longer function and more stability.

## **Optimized cavity structure**

Symmetrical V formed design, toggle of large obliquity, long stroke, reasonable rotor speed, allow larger material block in feeding, higher productivity, homogeneous output granule, less attrition for jaw plate.

## **Protective planch of movable jaw plate**

Heavy protective planch installed above the movable jaw plate protects internal bearing from damage caused by material falling down in feeding moment.

## **One piece cast of bearing seat**

One piece cast of bearing seat assures good match with frame, and avoids unnecessary radio direction pression for bearing in fastening process which occurs usually to composed bearing seat. Therefore, bearing can function more stably.

## **Fast and easy adjustment of output granularity**

JC jaw crusher adopt mechanic or hydraulic device to adjust discharge opening. Compared with shim, adjustment by double block is simpler, saver, faster, and reduces downtime.



### **Installation integrating motor & crusher**

Integrative installation of motor chassis and crusher frame not only saves installation space of jaw crusher but also reduces the length of Vee belt. Thanks to synchronous movement of crusher frame, motor chassis and motor. Adjustable motor chassis can realize the adjustment of Vee-belt's tensile force to make the Vee-belt more durable.

### **Shock absorber installation**

The crusher is fixed by the device of special rubber shock absorber, which absorbs effectively the its vibration at the peak point and meanwhile, allows crusher to displace in vertical and horizontal direction. In this way, the shock to foundation would be reduced.



**Capacity:** 50-2700t/h

**Max. Input Size:** 2100mm

### **Application**

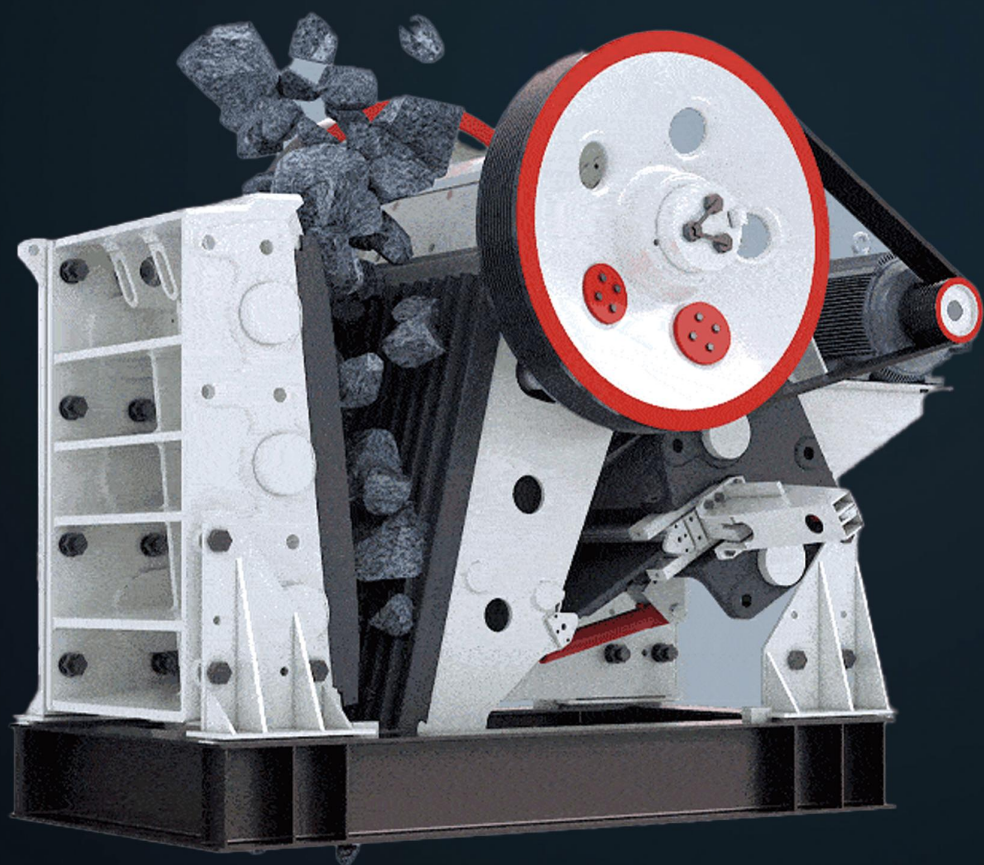
Popular among aggregates, highway construction, railway construction, airport building and some other industries.

### **Material**

Most kinds of rocks, metallic ores, and other minerals, such as granite, marble, basalt, iron ore, copper ore, etc.









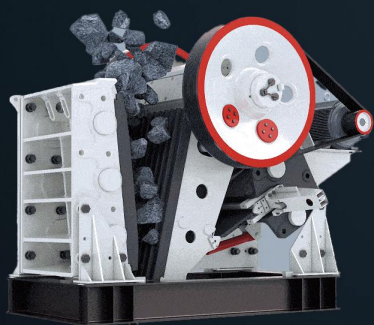
# Technical Parameters

OVERALL DIMENSIONS (mm)		KE96	KE106	KE120	KE125	KE140	KE160	KE200
A		930	1060	1200	1250	1400	1600	2000
B		580	700	870	950	1070	1200	1500
C		1755	2030	2687	2800	3010	3700	4040
D		2880	3320	3670	4100	4400	5900	6700
E		1610	2075	3272	3440	3950	4580	4950
F		1460	2005	3882	2980	3140	3750	4465
G		755	1135	2008	2100	2260	2650	2800
H		2500	2630	2724	3470	3755	4280	4870
I9		465	700	1569	980	1050	1300	1400
COPPER MINING MACHINE		KE96	KE106	KE120	KE125	KE140	KE160	KE200
TECHNICAL SPECIFICATIONS								
POWER		90Kw	110Kw	160Kw	160Kw	200Kw	250Kw	400Kw
REVOLUTIONS		330Rpm	280Rpm	230Rpm	220Rpm	220Rpm	220Rpm	200Rpm
CRUSHER DEAD WEIGHT		9759Kg	14350Kg	26000Kg	37970Kg	47120Kg	71330Kg	121510Kg
WORKING WEIGHT		11870Kg	17050Kg	29300Kg	43910Kg	54010Kg	83300Kg	137160Kg
FEEDING PORT								
WIDTH		930mm	1060mm	1200mm	1250mm	1400mm	1600mm	2000mm
DEPTH		580mm	700mm	870mm	950mm	1070mm	1200mm	1500mm
PRODUCTION CAPACITY OF KE CRUSHER		KE96	KE106	KE120	KE125	KE140	KE160	KE200
GRANULARITY (mm)	DISCHARGE PORT SIZE (mm)	t/h						
0-150	100	175-225	205-265	235-325	290-380			
0-185	125	220-280	255-325	285-395	350-455	385-500		
0-225	150	265-335	305-385	340-475	410-535	455-590	520-675	
0-260	175	310-390	355-450	385-540	470-610	520-675	595-775	760-990
0-300	200		395-500		530-690	590-765	675-880	855-1110
0-340	225				590-770	655-850	750-975	945-1230
0-375	250				650-845	725-945	825-1070	1040-1350
0-410	275						900-1170	1130-1470
0-410	300						980-1275	1225-1590

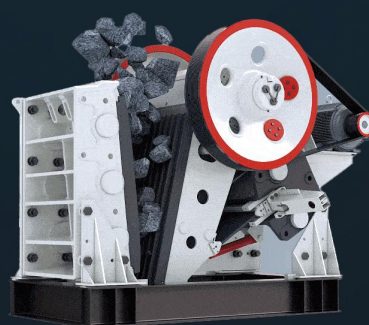


# WORKING PRINCIPLE

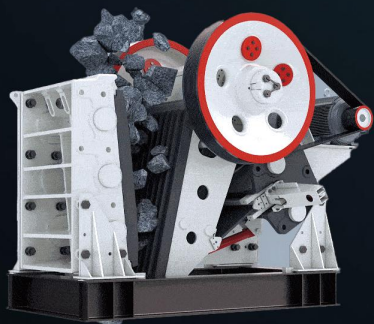
The motor drives belt and pulley. The movable jaw swings up and down before and after through the eccentric shaft. When the movable pushes the movable jaw plate to the fixed jaw plate, the material is crushed or split into pieces. When the movable jaw and movable jaw plate springs back in the effect of eccentric shaft, the material previously have been crushed discharges from the discharge opening of the lower part. With the motor continuously rotating, the movable jaw breaks and discharges material periodically to achieve mass production.



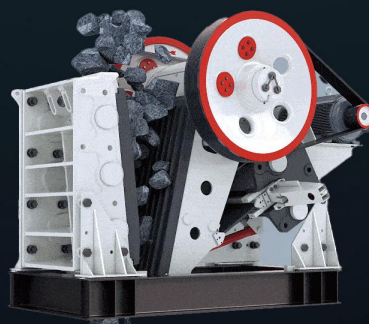
Action 1



Action 2



Action 3



Action 4





DING BO

Whatsapp:+8613817259661

E-mail:sales@dingbocrusher.net

Official website:<https://www.shdingbo.com>

Address:No.365, Chuanhong Road, Pudong New Area, Shanghai, China

