



European Type Jaw Crusher

Brief Introduction:

By adopting the world's most advanced crushing and manufacturing technology, European type jaw crusher is mainly used for secondary and tertiary crushing of various medium-hard ores and rocks. European type jaw crusher has already become the most popular equipment in the world without controversy. It is the first choice for hard and strong abrasion material.



Highlights:

1. Adopt world-level manufacturing techniques and raw materials.
2. Movable jaw assembly is made of high-quality cast steel piece. Forging blank is adopted for heavy eccentric shaft for processing, which makes the machine more reliable and durable.
3. Integral cast steel structure is adopted for bearing saddle to guarantee full cooperation with crushing stander, which greatly enhances radial strength of bearing saddle.
4. Adoption of finite element analysis technology ensures much higher strength of the machine.



5. Crusher chamber adopts "V" structure which could make the actual feed width complies with the nominal one. 6. Adjustment device with discharge hole with wedge installed is simpler, safer and rapider than the old spacing piece.

7. Compared with crusher of other specifications, all machines of the series adopt more endurable and bigger eccentric shaft bearing; its higher bearing capacity and effective labyrinth seal make service life of bearing greatly prolonged.

8. The latest tooth-shaped guard plate is adopted to increase effective length of jaw plate and improve output.



Working Principle:

The motor transmits power through belt, drives the moving jaw to do periodic motion towards the fixed jaw by the eccentric shaft. The angle between toggle plate and moving jaw plate increases when moving jaw moves. So the moving jaw moves towards the fixed jaw. The stuff will be crushed in this process. The angle between toggle plate and moving jaw decreases when moving jaw moves down, the moving jaw moves leaves fixed jaw by pulling rod and spring, the final crushed stuff will be discharged from the outlet.



Technical Data:

Table 1: for European Type jaw crusher

Model		JC840×1100	JC1100×1200	JC180×1300
Opening Size (mm)		840×1045	1100×1200	180×1300
Max. Feed Size (mm)		720	930	150
Discharge Opening Range (mm)		100-225	150-275	10-30
Shaft Speed (r/min)		240	210	320
Capacity (t/h)		200-500	300-650	12-35
Model	Power (kW)	132-160	185-200	30
	Speed (r/min)	985	740	980
Dimension (mm) (L×W×H)		3300×2320×3120	4140×2660×3560	1320×2150×1175
Weight (kg)		32000	59200	6000

Table 2: for European Type jaw crusher

Model		JC250×1000	JC250×1200	JC400×600
Opening Size (mm)		250×1000	250×1200	400×600
Max. Feed Size (mm)		220	220	350
Discharge Opening Range (mm)		20-40	20-40	35-85



Shaft Speed (r/min)		330	330	250
Capacity (t/h)		15-50	20-50	15-70
Model	Power (kW)	30	37	37
	Speed (r/min)	980	980	980
Dimension (mm) (L×W×H)		1400×1850×1310	1450×2150×1175	1920×1460×1840
Weight (kg)		5600	6000	6500

Notice: Any change of European Type Jaw Crusher technical data shall not be advised additionally.

Contact Us:

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