

# JC Series Jaw Crushers



JC series Jaw Crushers are widely used in mine, building materials, chemical industry, metallurgy, whose compressive strength is below 320Mpa. JC series Jaw Crusher can be divided into coarse crusher and fine crusher with world-wide advanced crushing technology and producing standard and the JC series Jaw Crusher can crush the material with high hardness and strong abrasive efficiently.

### Main Features:

1. World-level manufacturing technology is adopted, and highest-level raw material is used.
2. More advanced movable jaw assembly lengthens life of crusher.  
Movable jaw assembly is made from cast piece with high-quality, is driven by two large flying wheels which are made from cast steel. Moreover, heavy eccentric shaft is processed by forged mold. These entire make the JC series jaw crusher extremely reliable.
3. Integral cast steel structure is adopted for bearing seat. Integral cast steel bearing matches well with the crusher frame, at the same time, radial strength of the bearing seat is highly strengthened.
4. Finite element analysis technology is adopted to make the crusher much stronger.
5. Crusher chamber adopts "V" structure which could make actual feed width comply with the nominal one.
6. Adjustment of the discharge part is more convenient.  
The adjustment methods: gasket adjustment, hydraulic assistant adjustment, wedge block and wedge hydraulic adjustment.
7. Bearing with larger model and higher load are used.  
All JC jaw crusher is equipped with larger bearing compared with same model of normal jaw crusher. Its higher load capacity and effective oil seal will lengthen the life of bearing.
8. A newly designed tooth-shape side plate, makes the available area of jaw plate longer, and enhances the capacity.

### Technical Parameter:

Mm to inch conversion: 25.4millimeters=1 inch

Model		JC760×1100	JC840×1100	JC1100×1200	JC180×1300	JC250×1000	JC250×1300	JC400×600
Opening Size (mm)		760×1100	840×1100	1100×1200	180×1300	250×1000	250×1300	400×600
Max. Feed Size (mm)		620	720	930	150	220	220	350
Discharge Opening Range (mm)		75-200	100-225	150-275	10-30	20-40	70-100	35-85
Shaft Speed (r/min)		270	240	210	320	330	290	250
Capacity (t/h)		150-350	200-500	300-650	12-35	15-50	26-85	15-70
Motor	Power (kw)	110-132	132-160	185-200	30-37	30-37	37-45	37-45



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	Speed (r/min)	985	985	740	980	980	980	980
Dimension (mm)(LxWxH)		2600x2500	3300x2320	4140x2660	1320x2150	1400x1850	1450x2150	1920x1460
		x2200	x3120	x3560	x1175	x1310	x1175	x1840
Weight (kg)		24000	32000	59200	6000	5600	6800	7000

Note: Any change of [JC Series Jaw Crusher](#) technical data shall not be advised additionally.