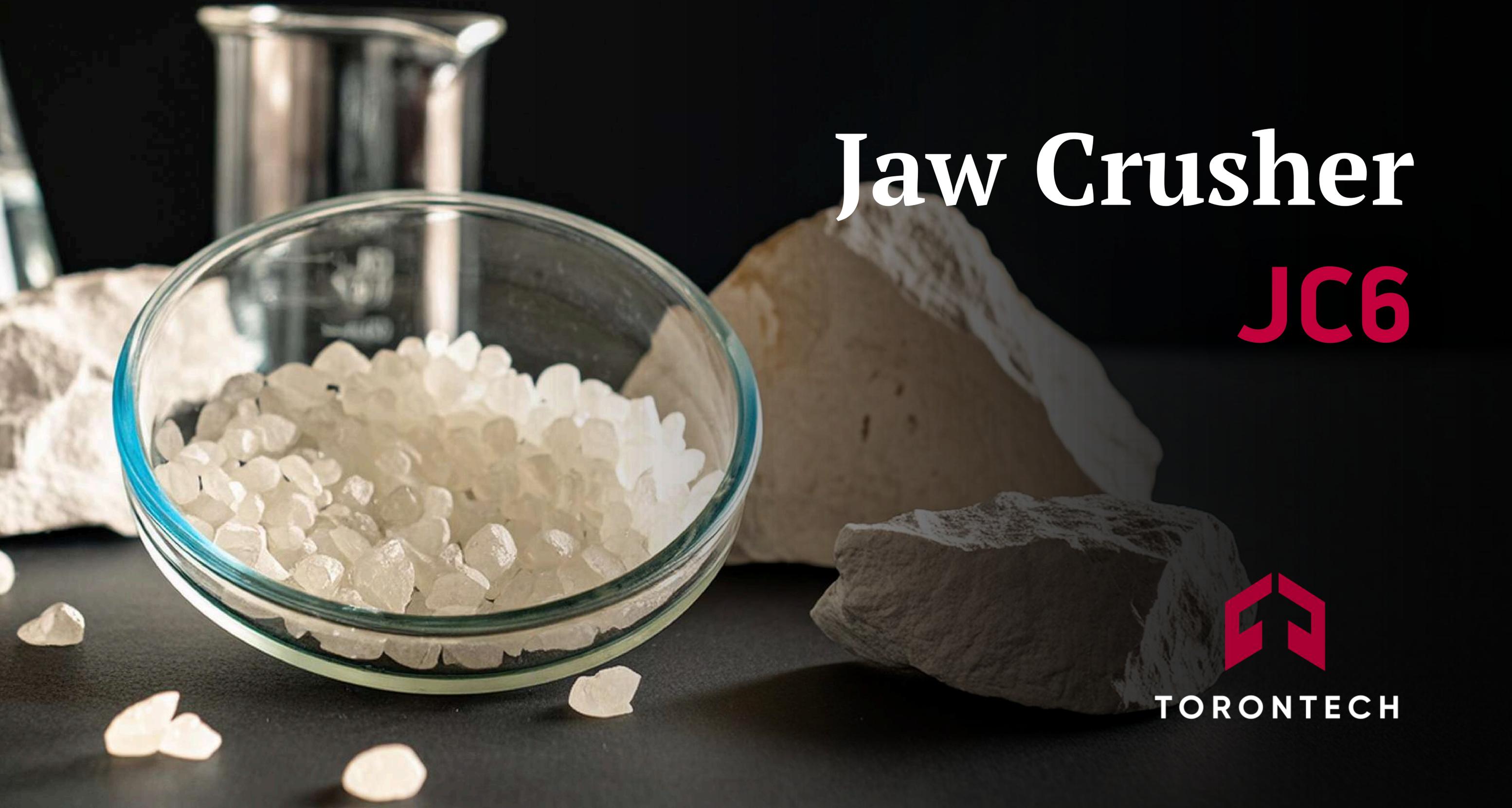


INNOVATIVE TECHNOLOGIES

# Jaw Crusher

JC6



TORONTECH



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# JAW CRUSHER

## JC6



Introducing the **Jaw Crusher JC6**, a cutting-edge solution designed to revolutionize your crushing experience.

Designed for desktop use with zero-point correction to counter wear effects. Its compact design ensures portability and ease of operation, while achieving high final sample fineness ( $d_{90} < 0.5 \text{ mm}$ ) for precise industrial applications.

Experience the pinnacle of crushing excellence with the Jaw Crusher JC6.

Feed Size:  
**< 40mm**

Final Fineness:  
**< 0.5mm**

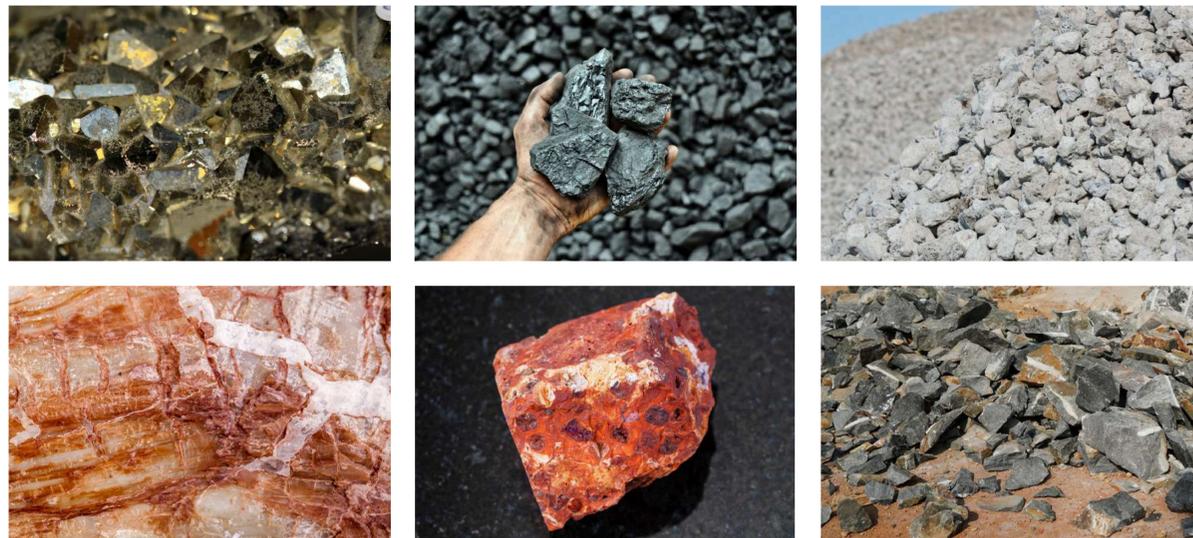
Speed:  
**500-1000rpm**



## APPLICATION

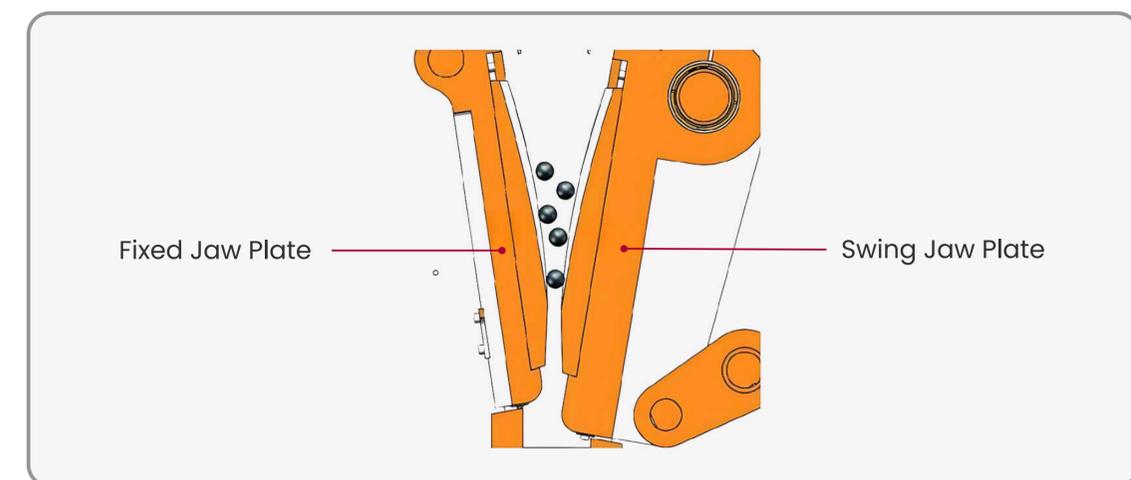
### Sample Type

- **Mining and Metallurgical Sectors:** Niobium and titanium alloys, vanadium iron, chrome vanadium, tungsten carbide, ores, coal, slag, and coke.
- **Chemical Products:** Various raw materials used in the chemical industry.
- **Geological and Mineralogical Applications:** Rocks, granite, basalt, barite, silicate, and similar materials.
- **Ceramic Industry:** Talc, sintered clay, ceramics for sintering, and electric ceramics.
- **Building Materials:** Bauxite, slag bricks, quartz, and cement.



## WORKING PRINCIPLE

The process initiates as the sample is guided into the grinding chamber via a specialized, anti-splashing hopper. Within this chamber, crushing unfolds within a distinct wedge-shaped space, delineated by two jaw plates. While one plate remains fixed, the other undergoes motion driven by a bent axle, engendering an oval trajectory owing to the motor's continuous rotation. Through this seamless interplay, the sample undergoes compression, facilitated by the rhythmic movement of the jaw plate, and naturally descends due to gravitational force. Should the sample's particle size surpass the lower opening gap between the jaw plates, it seamlessly funnels into a collection drawer positioned at the machine's base.



## PRODUCT ADVANTAGES

- **Wear Compensation:** Zero point adjustment ensures consistent performance over time.
- **High Processing Capacity and Outstanding Performance:** Achieving significant size reduction and a high level of final fineness (d90 < 0.5 mm) for precise results.
- **Convenient Features:** Anti-splash hopper design prevents splashing for a cleaner workspace, with easily cleaned crushing chamber for hassle-free maintenance.
- **Versatile Jaw Plate Material Options:** Jaw plates are available in various materials including manganese steel, stainless steel, tungsten carbide, zirconium oxide, heavy-metal-free steel, and industrial plastic for diverse applications.

## TECHNICAL SPECIFICATION

ITEM	TECHNICAL PARAMETER
Feed size	<40mm
Final fineness	<0.5mm
Speed	500-1000rpm
Collector capacity	3L
Jaw plate width	59.5mm
Gap setting	0~11mm
Zero point adjustment	Yes
Rated power	1.1KW
Power supply	220V,50Hz/60Hz (110V Also available upon request)
Instrument size (W*D*H)	450×630×490mm
Package size (W*D*H)	785×900×780mm
Net Weight	93kg

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