



Jaw Crusher Model JC2000

Heavy Duty, General Purpose
200 mm x 130 mm Jaw Crusher

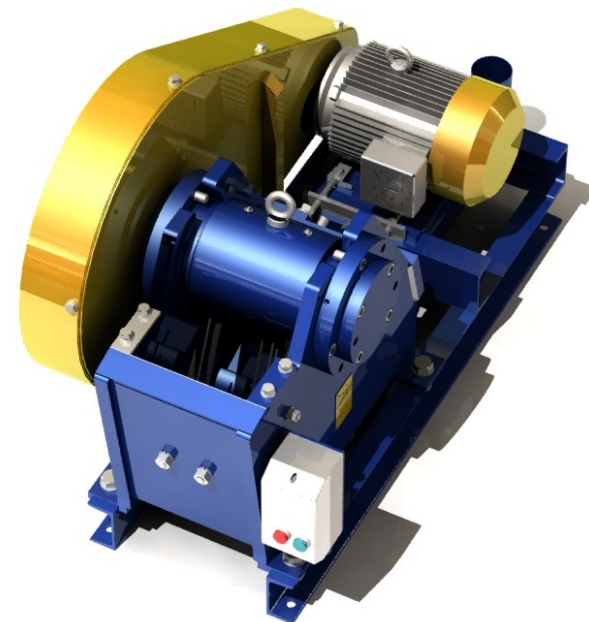


Sturdy Workhorse

A dependable and hard wearing jaw crusher that finds general application in a variety of laboratory environments. The JC2000 is a sturdy “workhorse” engineered to be the industry standard crusher for the geochemistry laboratory.

Features and Benefits

- ▶ **Reduced capital cost:** flexibility of use allows for continuous or batch use in laboratory, field, sampling station and plant applications.
- ▶ **Exploration and grade control sample crushing:** 200 mm x 130 mm jaw opening accepts large input feed size up to 110 mm, suitable for a variety of drill core, rock chip and grab samples.
- ▶ **Increased productivity:** very high reduction ratio, with 6 mm product size, provides faster and more efficient crushing with reduced process stages.
- ▶ **High throughput:** rapid and powerful crushing at 500 kg per hour throughput.
- ▶ **Increased availability:** designed with a mechanically simple single toggle that is reliable and easy to maintain and repair.
- ▶ **Ergonomically designed:** fitted with feed hopper and easily accessible aluminium sample drawer.
- ▶ **Enhanced operator health:** two dust extraction points remove airborne dust at the feed hopper and sample drawer improving the operating environment and reducing sample contamination.
- ▶ **Improved quality:** easy and fast jaw gap adjustment provides good control of product sizing while minimising maintenance downtime.
- ▶ **Ready to go:** fitted with control box featuring simple stop/start button and motor protection.



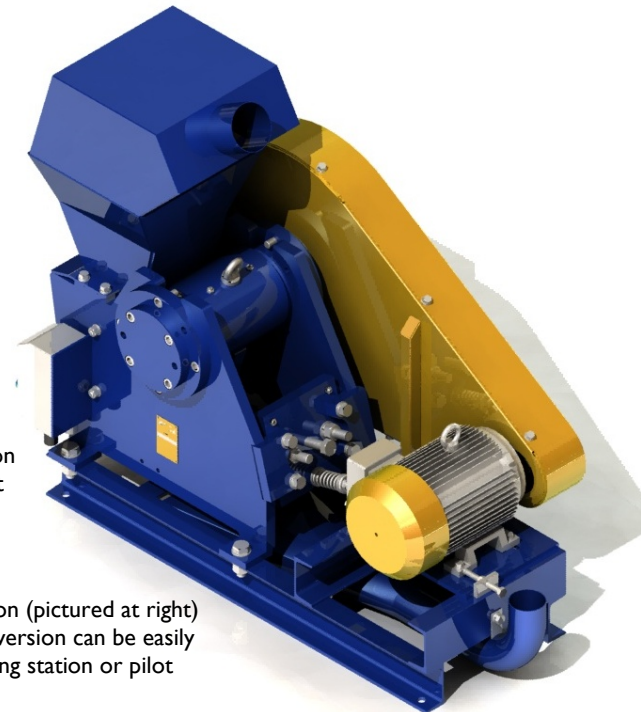
Flexibility of installation: available in upright standalone or low profile configuration (pictured above)

- ▶ **Reduced operating/spares cost:** extended wear part life with reversible and interchangeable jaw plates.
- ▶ **Improved quality:** jaw plates made from hard wearing chrome steel further reducing sample contamination.
- ▶ **Decreased downtime and maintenance costs:** long life roller bearings exhibit reliability at high load capacity.
- ▶ **Improved safety:** full drive guarding enhances personal safety and complies with client OH&S standards.
- ▶ **High level motor protection:** IP65 rated electric motor is totally protected against dust ingress and against low pressure water jets from any direction.



The dimensions, mass and dust extraction specifications above relate to the upright standalone version pictured to the left.

A low profile bench-mount version (pictured at right) is also available. This low profile version can be easily configured to operate in a sampling station or pilot plant application.



Technical Data

Jaw Inlet	200 mm x 130 mm
Maximum Feed Size	110 mm (85% of jaw inlet)
Usual Product Size	6 mm
Maximum Product Size	35 mm
Throughput at Usual Product Size	500 kg/h
Motor Power	4 kW, 3 phase
Toggle Speed	300 strokes per minute
Dust Extraction Points	Two
Dust Extraction Flow	170 L/s
Mass	575 kg
Dimensions (length x width x height)	745 mm x 560 mm 1440 mm

Please note that the figures quoted above are nominal only performance expectations that can vary according to the physical characteristics of the material being prepared, the condition of the equipment, the gap adjustment and the method of feeding the crusher.

essa

Essa Australia Limited
PO Box 362
Belmont WA 6984
AUSTRALIA
tel +61 8 9475 3000
fax +61 8 9477 3544
email mail@essa.com.au

www.essa.com.au

Distributor:

Sample Preparation



Sampling



Automation



Metallurgical



Laboratory



Particle Sizing



Intelligent Solutions
to Mineral Sampling,
Preparation and
Testing