



Jaw Crusher Model JC3000

**A Heavy Duty, General Purpose
300mm x 200mm Jaw Crusher**



Well Proven, High Reduction Primary Jaw Crusher

The Essa Australia Model JC3000 is a well proven single toggle, high reduction jaw crusher that finds general application in a variety of operating environments. It readily accepts soft to very hard ore, drill core, rock and similar particulate up to 85% of its jaw opening.

This a heavy duty, low maintenance machine suitable for use in a large batch or continuous operating environment. Typical applications will include general primary crushing of lump ore in analytical and metallurgical laboratories, sampling stations and pilot plants

Standard Features

- Rugged, fabricated steel construction
 - Roller bearings used throughout
 - Electric pre-wiring with an IP55 enclosed stop/start and motor protection station
 - Feed hopper and sample drawer with dust extraction points
- OR
- Fabricated steel base for mounting on customer's support frame or concrete footing
 - Full drive guarding
 - Vertically serrated chrome steel jaw plates
 - Jaw plates are reversible for extended life

Technical Data

Jaw Inlet	300mm x 200mm
Maximum Feed Size	170mm i.e. 85% of jaw inlet
Usual Product Sizing	Nominally 25mm (but ranges from 10mm to 40mm)
Maximum Product Size	Nominally 50mm
Throughput	3,000kg to 8,000kg per hour
Dust Extraction Points	Two (2)
Dust Extraction Flow	270 litres per second (180L/sec upper point and 90L/sec lower point)
Electrical Requirements (3 phase)	7.5kW
Toggle Speed	350rpm
Approximate Mass	1,165kg

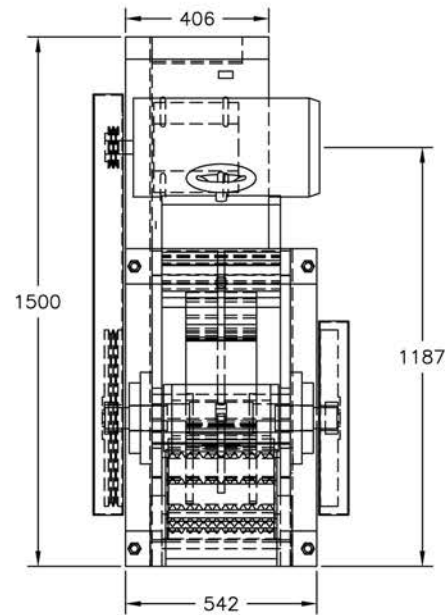
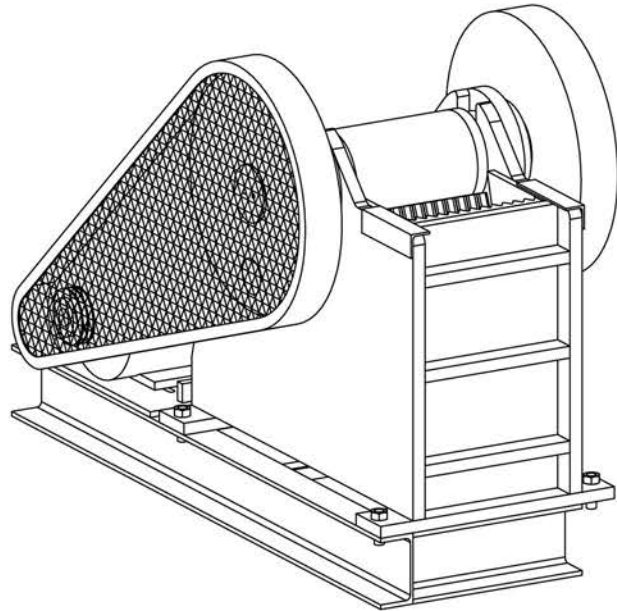
Please note that the figures quoted above are nominal only performance expectations that can vary according to the physical characteristics of the material being prepared, the condition of the equipment, the gap adjustment and the method of feeding the crusher. Essa Australia are able to conduct tests at their workshop to determine how the sample preparation equipment will perform when processing your material.



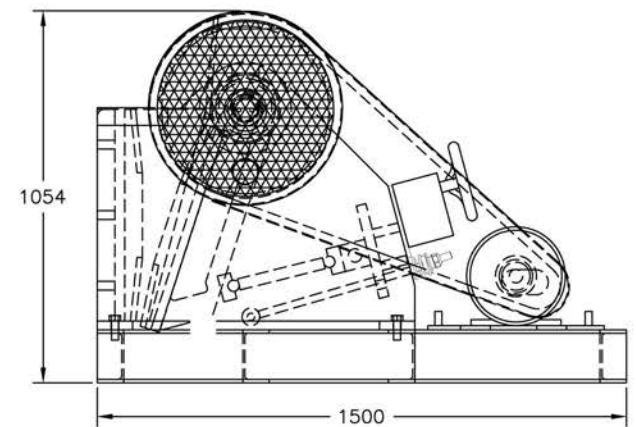
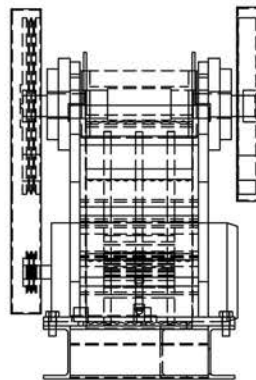
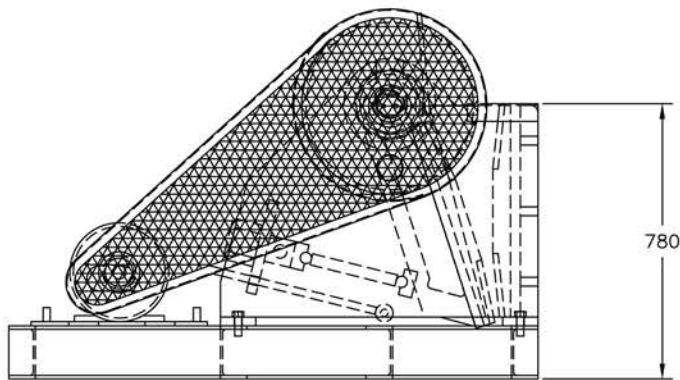
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Typical JC3000 configuration for continuous use such as in mechanical sampling stations or pilot plants



Typical JC3000 configuration for stand alone analytical or metallurgical laboratory use

Approximate overall dimensions are 800mm wide x 1020mm deep x 1550mm high

