

JAW CRUSHER

Introducing the Vector Jaw Crusher, a versatile and powerful lab crushing machine designed to meet the demanding needs of laboratory and industrial applications. Whether you're looking for a small jaw crusher for bench-top use or a robust laboratory rock crusher for heavy-duty material testing, the Vector Jaw Crusher delivers exceptional performance and reliability.



VTR-1011



Vector Jaw Crusher

The Ultimate Lab Crushing Solution

Overview

Introducing the Vector Jaw Crusher, a versatile and powerful crushing machine designed for a wide range of laboratory and industrial applications. This lab jaw crusher is engineered to handle hard, medium-hard, and fast-drying inorganic materials such as bauxite, samot, ore, stone, sand, quartz, limestone, marble, slag, coke, coal, uranium ore, ferro alloys, mud, silicate, cement clinker, and more. Whether you require a small jaw crusher for bench-top use or a robust laboratory rock crusher for heavy-duty material testing, the Vector Jaw Crusher delivers exceptional performance and reliability.

With the capability to reduce materials to particle sizes ranging from 1 mm up to 90 mm, and down to 2 mm depending on the sample material, the Vector Jaw Crusher offers a flexible solution for achieving various particle size requirements. Its adjustable jaw opening up to 1 mm and stepless gap width adjustment from 0-30 mm provide precise control over the crushing process, catering to diverse needs—from coarse crushing to fine pulverization. This makes it an ideal sample crusher and jaw pulverizer for different

In addition to its robust construction and versatile usage, the Vector Jaw Crusher is equipped with several user-friendly features. It includes a wear compensation system with zero-point adjustment, ensuring consistent results and prolonged jaw life. The easy-to-clean crushing chamber simplifies maintenance and reduces downtime, while the connector for dust extraction facilitates a clean and safe working environment. The wide gap width setting allows for contamination-free grinding, making it suitable for processing sensitive materials.

Reasons to Select Vector Jaw Crusher

- Wide Material Compatibility
- Adjustable Particle Size Range
- High Throughput Capacity
- Robust Construction
- User-Friendly Features



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Overall, the Vector Jaw Crusher is a powerful and durable machine designed to deliver small particle size samples in accordance with test standards. Its versatility, durability, and user-friendly design make it a reliable choice for various industries and laboratory applications, such as mining, metallurgy, construction, and material testing. Whether you need a jaw crusher for lab use, a laboratory jaw breaker for material testing, or a mining jaw crusher for lab testing, the Vector Jaw Crusher is engineered to deliver exceptional results every time.



TECHNICAL SPECIFICATION

Jaw Size	100 x 250 mm
Jaw Material	Special alloy manganese steel for added strength and resistance
Jaw Opening	Adjustable up to 1 mm
Throughput Capacity	Throughput Capacity: Up to 300 kg/hour
Feed Size	Up to 90 mm
Gap Width Adjustment	Stepless, 0-30 mm
Particle Size	Down to 2 mm (depending on material)
Crushing Ratio	45
Versions	Versatile - continuous and fine crushing, process-line versions
Jaw Options	Manganes Steel, Stainless Steel, Tungsten Carbide
Drive Power	2.2 kW
Collector capacity	5L
Net weight	~ 255 kg
Size W x H x D	500 x 1000 x 1000 mm
Standards	CE