

JAW CRUSHER XL



The Vector Jaw Crusher XL is a heavy-duty, continuous-feed crusher engineered for high-capacity sample preparation in mining and material-testing laboratories. Its jaws accept feed up to 200 mm and reduce samples down to 1 mm, delivering up to 150 kg of crushed material per hour. An integrated sample-collection tray and optional automatic sample-splitter allow precise, user-defined subsampling without interrupting operation. A powerful motor and robust frame handle materials up to Mohs hardness 8 under steady, high-throughput conditions.



VTR-1011-XL



Vector Jaw Crusher XL

The Ultimate Lab Crushing Solution

Quality & Innovation

Designed end-to-end by Vector's in-house engineering team, the Crusher XL employs premium wear-resistant steel jaws, precision-machined bearings and a sealed crushing chamber to maximize uptime and jaw life. A seven-inch capacitive touchscreen HMI provides programmable crush profiles and live diagnostics, while a dedicated physical start button and motor-drive with jam detection and automatic clearing routines ensure smooth, reliable operation.

Standards Compliance

Built and tested under CE machinery-safety directives, the Jaw Crusher XL features guarded moving parts, emergency-stop interlocks and EMC-certified electrical assemblies. Its robust mechanical design and verified performance under continuous operation meet international laboratory and industrial requirements for sample-preparation equipment.

Key Advantages

- High Throughput: Crushes up to 150 kg/h for rapid sample turnaround.
- Tight Particle Control: Reduces feed to 1 mm with stepless gap adjustment.
- Seamless Subsampling: Optional auto sample-splitter produces uniform fractions on-the-fly.
- Advanced Safety & Recovery: Motor drive with jam detection, auto-clear routines and emergency-stop safeguards.

TECHNICAL SPECIFICATION

Parameter	Specification
Model	VTR 1011-XL
Jaw Size	300 x 450 mm
Feed Size	Up to 200 mm
Minimum Particle Size	Down to 1 mm
Throughput Capacity	Up to 150 kg/hour
Drive Power	5.5 kW
Material Hardness	Mohs \leq 8
Jaw Material	Hardened manganese steel
Gap Adjustment	Stepless, 0–30 mm
HMI	7" capacitive touchscreen display
Physical Controls	Start/stop button; emergency-stop
Sample Splitter	Optional automatic splitter accessory
Electrical Supply	380 V / 50 Hz
Dimensions (L x W x H)	850 x 1350 x 1350 mm
Net Weight	~ 650 kg

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