

## LMC200 JAW CRUSHER

High Performance Jaw Crusher

Superior Jaw Crusher  
engineered for rapid  
reduction of hard and  
brittle materials

- Quick and easy to clean due to front door access
- Stepless, reproducible gap-setting per hand-wheel
- Easy exchange of jaw plates and side liners
- Modular infeed hopper: removable, with splash back protection, batchloader or dosing plunger
- External control box with start/stop
- Endfiness: < 4 mm
- Contamination free crushing because of various different grinding tools
- Modular collector



## Superior Jaw Crusher engineered for precrushing of extremely hard up to brittle materials

The LAARMANN® LMC200 Jaw Crusher is designed for batchwise and continuous pre-crushing of middle hard, hard brittle and tough materials for the following fine grinding.

### Principle of operation

The Model LMC200 Jaw Crusher is used by laboratories and processing companies to crush solid materials such as rocks or soil and ores. The material to be processed falls into the crushing chamber of the LMC Crusher via a guide chute and is crushed by crushing action of a static and a dynamic jaw plate until it passes the pre-selected gap of the crusher. The stepless gap setting can be adjusted with the use of a hand wheel and a mm scale from 0 mm to 25 mm (contact of the jaw plates). This adjustment setting enables the operator as well to perform a zero point calibration setting to adjust the crusher.

### Easy cleaning and operation

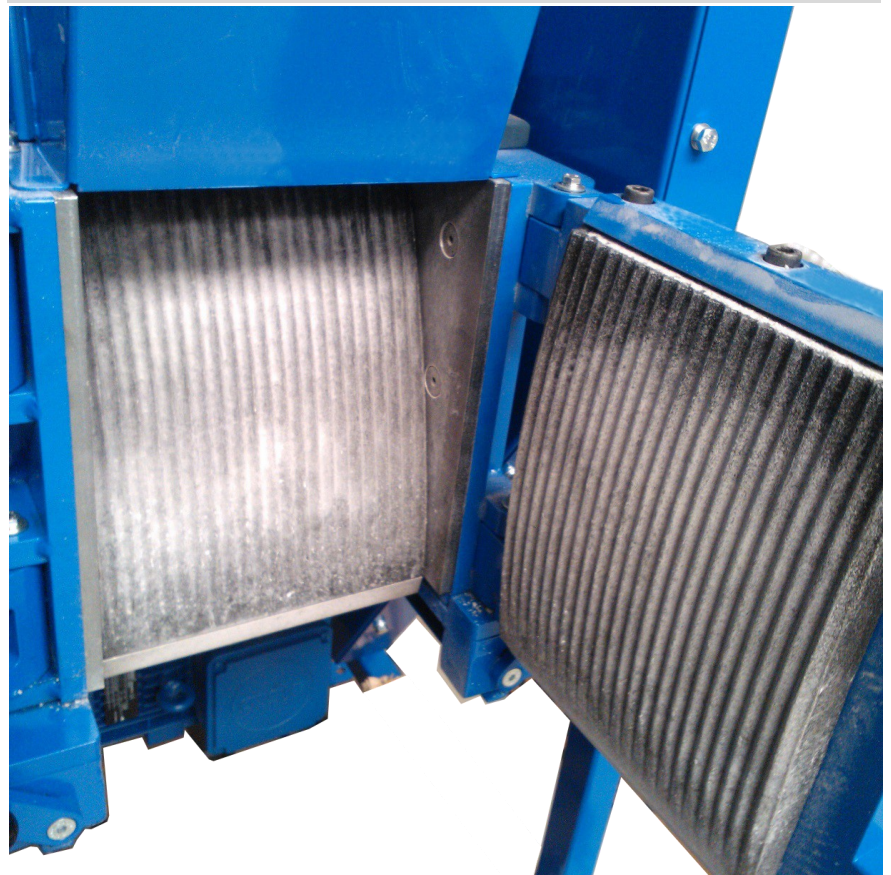
No other Jaw Crusher is easier to clean than the LMC200 Jaw Crusher. When the crushing process is finished the infeed hopper can be taken off in a second and the front door can be opened. Due to these points the crushing chamber is fully accessible for quick and easy cleaning in order to perform a fast and systematic cleaning of the grinding tools.

### Gap adjustment

The required gap setting can be comfortably and reproducibly adjusted by rotating the handwheel. The gap setting can therefore steplessly prechosen prior to start the crushing process.



LMC200D Jaw Crusher and LMC200VD Jaw Crusher



Jaw plates

## Features and benefits

- Better crushing performance due to 5,5 kW (strong 3 phase motor)
- Optimum crushing results
- Easy and quick access to the crushing chamber (no tool required)
- Stepless adjustment of gap setting (no tool required)
- CE certified
- Removable infeed hopper with safety baffles or batch loader
- High precision solid steel underframe (available with castor wheels lockable)
- Solid and spacious 10 litre sample collector. Optionally other collectors available
- Motor protection switch with start/stop
- Endfinessness < 4 mm
- Contamination free crushing because of 5 different jar plates / side liners material compositions:
  - Manganese
  - Tungsten carbide
  - Heavy metal
  - Hardenend steel
  - Zirconium oxide
- Easy exchange of jaw plates and side liners

## Applications

- Minerals / ores / slags
- Cement / cement clinker / concrete
- Glass / ceramics / corundum
- Soil samples / sludges
- Coal / coke / drill core
- Industrial waste



pharma application with 100L drum collector

## Technical Data

Jaw Inlet	215 x 110 mm
Maximum feed size	215 x 90 mm
Length	0 to 25 mm
Product string at minimum adjustment	<4 mm
Throughput	ca. 1000 kg/h depending on Material and endfiness
Dust extraction point	1
Dust extraction flow	150 litre/s, depending on dust extractor
Electrical requirements (3 phase)	5,5 kW (3x 400V/50Hz) other voltages available
Toggle speed	325 rpm
Approximate mass	480 kg gross