

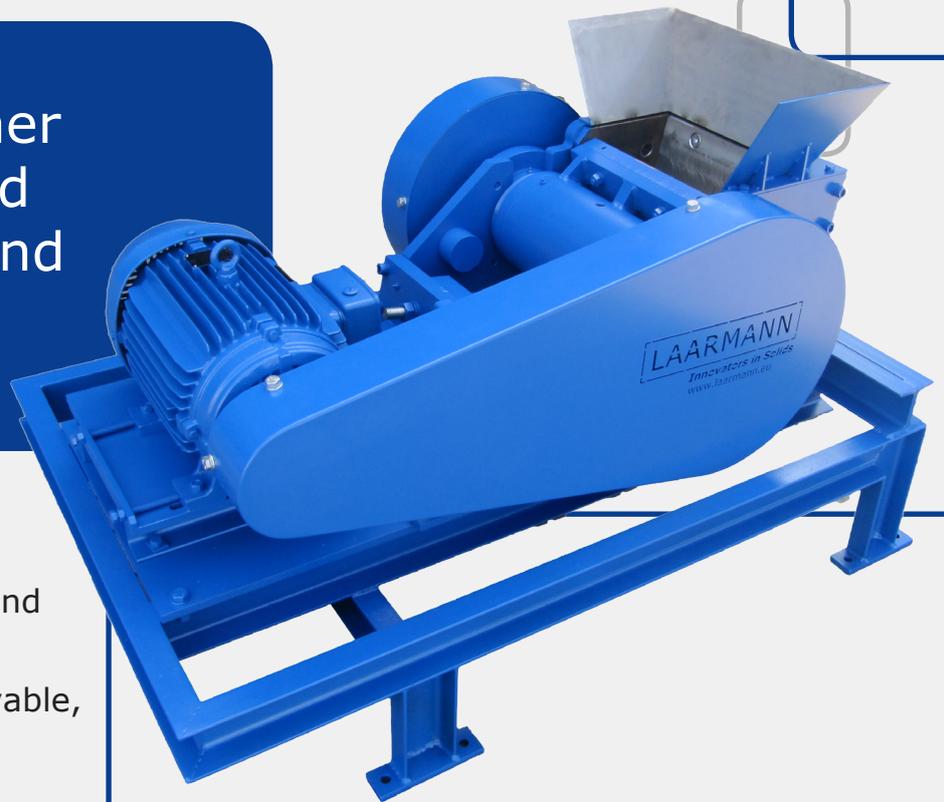
# LAARMANN

*Innovators in Solids*

## Jaw Crusher

# LMC 400

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



- Quick and easy to clean
- Adjustable gap-setting
- 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
- End fineness: < 6 mm
- Powerfull 15 kW- motor
- Low installation height (520mm)
- Contamination free crushing

## Superior Jaw Crusher engineered for pre-crushing of extremely hard up to brittle materials

The **Laarmann LMC 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 LMC 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.

### Gap setting

The desired gap can be set up easily and reproducibly by spacer.

### Easy cleaning and operation

The Laarmann LMC jaw crusher can be used for small volumes **batchwise** or in a **continuous** mode for bigger volumes. You can easily change the moveable and static jaw plates as well as the side liners



### \*Jaw plates / side liners material compositions

- Hardened steel
- Tungsten carbide
- Heavy metal free steel
- Stainless steel



For laboratory applications we provide our powerful LMC-100D with 3000 Watt.

## Features and benefits

- Better crushing performance due to 15000 Watt (strong 3 phase motor)
- Optimum crushing results
- Easy adjustment of gap setting
- CE certified
- Removable infeed hopper
- High precision solid steel underframe (available with castor wheels lockable)
- Solid and spacious sample collector with castor wheels
- Motor protection switch with start/stop
- Endfineness < 6 mm
- Contamination free crushing because of 4 different grinding tools\*
- 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

## Jaw Crusher Data LMC 400

Technical Data	
Jaw Inlet (Volume)	20 L
Jaw Inlet (mouth wide)	400 x 240mm
Feed size	350 x 170mm
Gap setting	6 - 50 mm
Endfineness	<6 mm
Throughput	3500 kg/h
Dust extraction point	1
Dust extraction flow	300 Litre/s
Electrical requirements (3 phase)	15 KW, 400/690V, 50Hz
Toggle speed	405 rpm
Approximate mass	980 kg gross

### Request your free test-grinding

Will our equipment suit your requirements? Send us a test sample for evaluation. Our application laboratory is pleased to conduct pre-purchase trials on customer free supplied samples. If you require a free test-grinding please log-on to

[www.laarmann.info/questionnaire-milling.html](http://www.laarmann.info/questionnaire-milling.html)

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