LAARMANN®

Innovators in Solids

LMC500 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
- Contamination free crushing because of 4 different grinding tools

Laarmann Group B.V.
Op het Schoor 6
6041 AV
Netherlands

info@laarmann.eu
www.laarmann.eu
webshop.laarmann.eu
+31 6 23 40 00 33

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

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 preselected gap of the crusher.

Easy cleaning and operation

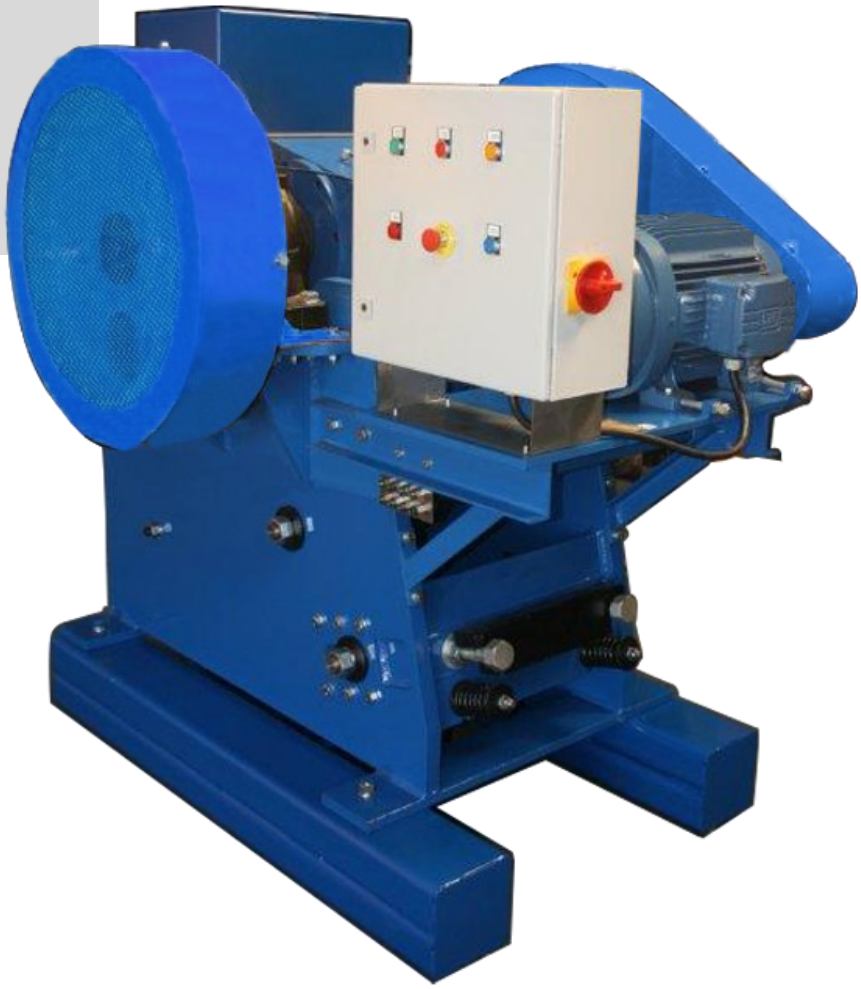
The LAARMANN® LMC jaw crusher can be used for small volumes batchwise or in a continuous mode for bigger volumes. You can easily change the moveable and static jaw plates as well as the side liners

Gap setting

The desired gap can set up easy and reproducible by spacer.

*Jaw plates / side liners material compositions

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



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Applications

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

FEATURES / PERFORMANCE	
Dimensions L x W x H	1,190 x 765 x 1,370 mm
Dynamic frequency	5.42 Hz
Dynamic loading – horizontal	+/- 1.87 kN
Dynamic loading – vertical	+/- 8.34 kN
Jaw inlet	500 mm x 300 mm
Mass	3,500 kg
Max feed size	250 mm (85% of jaw inlet)
Motor power	22 kW. 3 phase
Product end size	30 mm / 75 mm
Throughput at usual product size	15.000 kg/h
Toggle speed	325 strokes per minute
Usual product size	30 mm

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