

LAARMANN®

Innovators in Solids

LMC400 JAW CRUSHER

High Performance Jaw Crusher

**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, batch loader or dosing plunger, depending on request and order content
- Optional external control box with start/stop
- End fineness: < 6 mm*
- Powerful 15 kW- motor
- Low installation height (520mm)
- Contamination free crushing**
- CE-certified

Principle of operation

The Model LMC400 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 LMC400 Jaw 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.

Easy cleaning and operation

The LMC400 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

Features and benefits

- Better crushing performance due to 15 kW (strong 3 phase motor)
- Optimum crushing results
- Easy adjustment of gap setting
- CE certified
- End fineness < 6 mm*
- Contamination free crushing because of 5 different grinding tools**
- Easy exchange of jaw plates and side liners

Optional Features

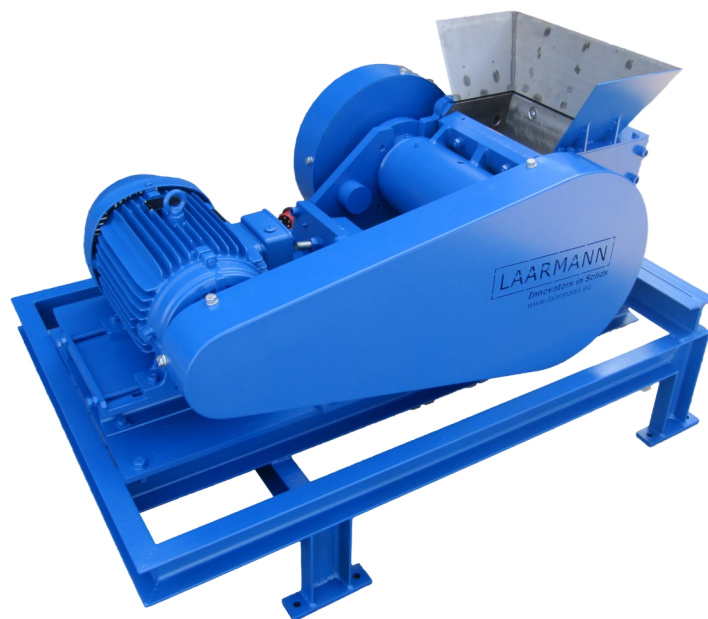
- Solid and spacious sample collector with castor wheels optional
- Motor protection switch with start/stop optional
- Removable infeed hopper
- High precision solid steel underframe (available with castor wheels lockable)

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
- Manganese 16-18%



LMC400 Jaw Crusher lowered with frame



LMC400 Jaw Crusher standard version

Applications

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



Technical data

Jaw Inlet (Volume)	20 L
Jaw Inlet (mouth wide)	400 x 240mm
Feed size	350 x 170mm
Gap setting	6 - 50 mm
End fineness	< 6 mm*
Throughput	3500 kg/h*
Dust extraction point	1
Dust extraction flow	300 Litre/s
Electrical requirements (3 phase)	15 kW, 400/690V, 50/60Hz (other electrical requirements on request)
Toggle speed	405 rpm
Approximate mass	980 kg gross
Dimensions (LxWxH)	1420 x 622 x 869 mm

*depending on sample characteristics and machine settings