Cracking Mill
Innovative High-Capacity Crushing.
Efficient seed processing.

OLCB-4-421 crushing mill.

OLCB high-capacity crushing mill has been designed for crushing soybeans and soft seeds such as sunflower, rape, and corn (maize). It also allows other seeds and raw materials to be crushed.

High versatility

In designing this newest-generation high-capacity crushing mill, the focus was set on efficiency, capacity, safety, and reliability in order to meet the most stringent customer needs. With throughput capacities ranging from 500 to 1000 metric tons per 24 hours*, the OLCB is one of the most powerful crushing mills in its class. The rugged steel frame guarantees optimal noise suppression as well as a long service life. The roll transmission ensures a uniform and gentle roll pressure while maintaining a consistent quality of the crushed material. The feeder and the product guide plates are made of special stainless steel. The high-grade corrugated Buhler rolls and the mechanism allowing manual roll gap adjustment during operation produce a crushed material quality that is tailored to the specific requirements. Easy-to-reach permanent magnets and spring-loaded roll bearings prevent the entry of metallic and other foreign objects. The compact roll pack with its durable, high-grade, self-aligning roller bearings allows rolls to be changed within less than four hours, making for efficient maintenance.

Efficient seed processing

The OLCB high-capacity crushing mill can be applied either as a stand-alone unit or be integrated in a complete processing system. The best seed processing results will be achieved using the following Buhler products and processes:

- Flaking roller mill
- Conditioner
- Fluidized bed
- Hot dehulling
- Warm dehulling

The throughput capacity is a function of the product and the process parameters.

*产量受产品和工艺参数影响。
Endurance - Performance - Reliability.

Easy for maintenance.

Operating principle

The raw material is crushed as required to the required particle size in a single-stage (1x 2 rolls) or a dual-stage (2x 2 rolls) process operation using two counter-rotating corrugated (fluted) rolls. Manual fast-feed and controlled dribble-feed setting (option) of the feeder ensures optimal material feed to the roll packs. Adjustment wheels outside the machine allow the roll gap and thereby the fineness of the crushed material to be selected as required during the process.
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