Cracking Mill.
OLCB.

Innovations for a **better world.**

BÜHLER

High capacity Cracking Mill OLCB.
Modular concept.

The high-capacity Bühler cracking mill OLCB is a true all-rounder talent: It can be applied for cracking oilseeds such as soybeans, sunflower seeds, rapeseeds and corn (maize) as well as size reduction of cereals and cereal grains. This top-class machine from the Bühler Group performs valuable services in grain milling operations.

Application.

The primary application for the OLCB cracking mill is the crushing of the lipids-bearing raw materials in oilseeds processing plants. The OLCB is also suitable for other grinding applications in various industries such as size reduction of cereals and grains.

Working principle.

The incoming material is fed uniformly by the feeder roll into the cracking roll nip. The throughput is adjustable with a feeder gate. A pneumatic cylinder will automatically close the feeder gate if the feed of product stops. The particle size is controlled by adjusting the gap between the cracking rolls. The roll gap can be adjusted by the roll setting mechanism. Depending on plant processing requirements, one, two or three units are stacked. The first roll pair pre-crusher the seeds, which are then gravity-fed to the second and third roll pair where they are further cracked to the desired particle size.

Design and technical details.

The OLCB cracking mill consists of feeder module combined with one, two or three complete roll units, each containing a roll pair module. The sturdy machine frame is a welded steel construction. A permanent magnet is incorporated in the feeder to remove ferrous particles and to protect the rolls from damage. The roll gap in each roll unit is mechanically held in position and protected against overload by means of coil springs. The rolls are engaged and disengaged pneumatically using a lever mechanism to avoid stuck product between the rolls. Each roll pair module can easily be removed from the unit frame for quick roll exchange or recorrugating. Power transmission from the motors to the rolls and between the rolls is performed with V-belt drives. One motor is required to drive one roll unit.

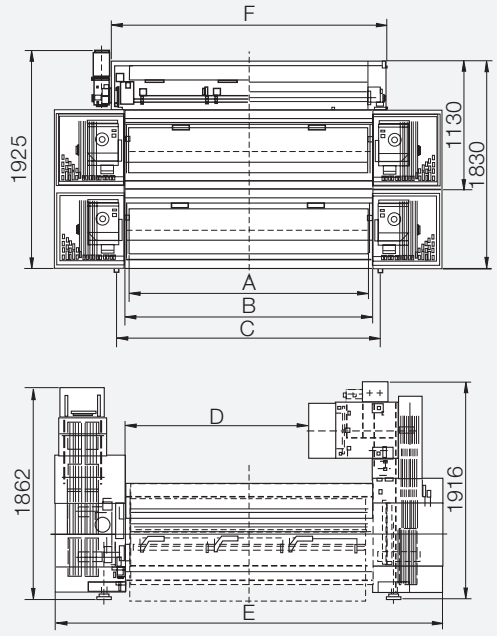
Advantages:

- Roll package for easy roll change
- Large rolls for high capacities
- Extended roll life time
- Exceptional flexibility
- Short maintenance times
- Automatic roll disengagement

Crushes seeds to your needs.
Compact and easy to maintain.

		OLCB-2-316	OLCB-4-316	OLCB-2-416	OLCB-4-416	OLCB 2-241	OLCB 4-421
Dimensions							
A	mm	1600	1600	1600	1600	2100	2100
B	mm	1680	1680	1680	1680	2180	2180
C	mm	1822	1822	1822	1822	2322	2322
D	mm	1129	1129	1129	1129	1629	1629
E	mm	2920	2920	2920	2920	3420	3420
F	mm	1928	1928	1928	1928	2428	2428
Weight	net kg	3690	7040	4370	8400	5590	10740

		316	416	421
Roll diameter	mm	300	400	400
Roll length	mm	1600	1600	2100
Drive motor (50Hz)	kW	22/37	37	37/45
Feeder Drive (50Hz)	kW	0.75	0.75	0.75



Specification key

OLCB - 4 - 421

- Roll length (**16**00/**21**00)
- Rolll diameter (**3**00/**4**00)
- Number of rolls (**2** = one-stage; **4** = double-stage)
- Bühler machine cypher

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