

ADVANCED POWDER HANDLING SOLUTIONS  
for food industry and bakeries

# Lump Breaker LB200

Effective lump breaking in a compact size



Compact desing:  
total height only 200 mm

Durable: counter-rotating shafts equipped  
with heavy-duty steel blades

**POWDER**  
**TECHNIC**

## Features and benefits

1. Compact design for easy installation and retro-fitting
2. Heavy-Duty dual-shaft design for maximum durability and efficiency
3. Counter grid to hold back lumps
4. Direct coupled transmission with outboard bearings for maintenance-free operation

5. Stainless steel construction



## Overview

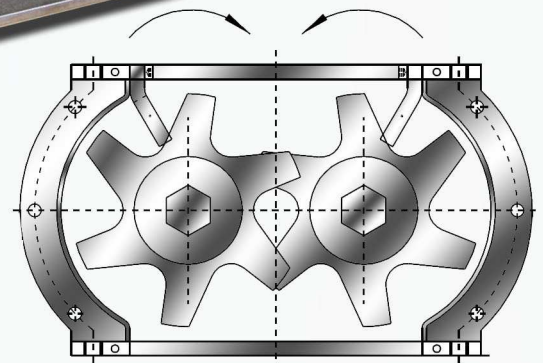
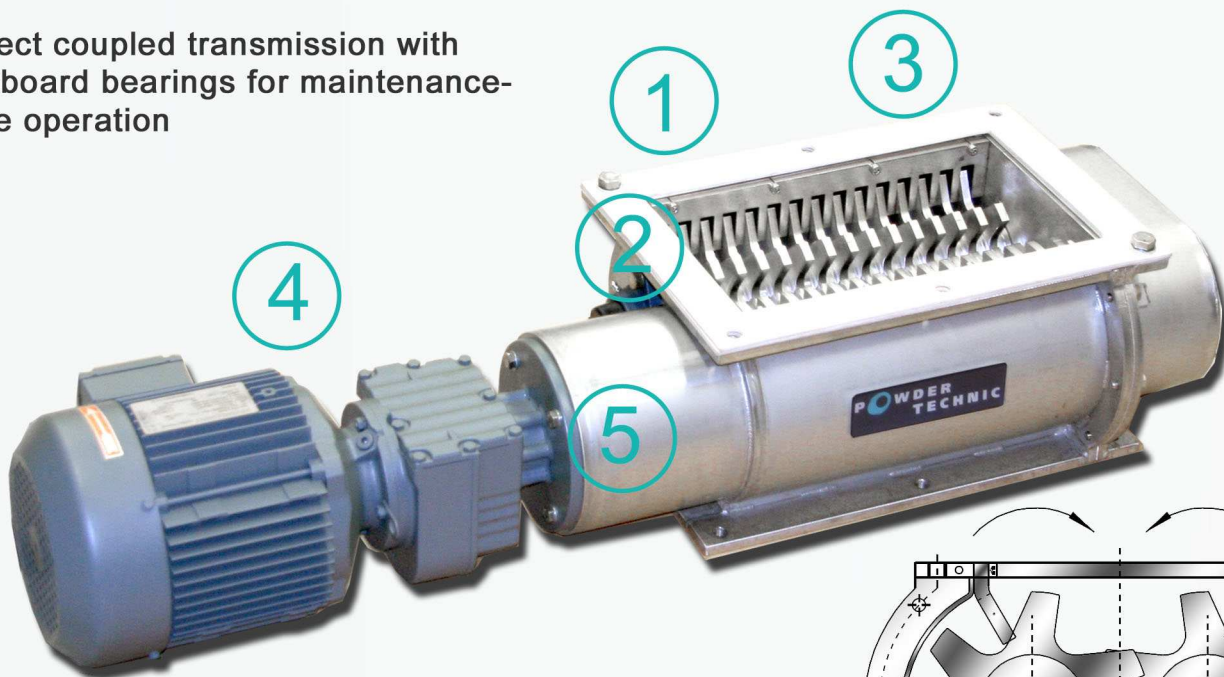
The Lump Breaker LB200 reduces larger materials and material lumps into smaller granules economically and simply. Due to its compact size, it is easy to install

## Structure

The Lump Breaker LB200 consists of a square cross section casing with upper and lower flange, two counter-rotating shafts equipped with steel blades, a counter grid to hold back lumps and a gear motor complete with direct coupled transmission.

## Operation

The quick counter-rotation of the dual shafts equipped with heavy-duty steel blades de-lumps agglomerated material and improves material flow. The dual-shafts result in high throughput rates.



Counter-rotating chopping blades de-lump material simply and efficiently

## Technical specifications

Manufacturer: Powder Technic Ltd.

Suitability: All agglomerating granules, sugar, salt, ground coffee etc.

Throughput rates: Up to 10 m<sup>3</sup>/h

Gear Motor: Sew Eurodrive, EX motor optionally

Transmission: direct coupled drive

Bearings: outboard self-lubricating bearings

Construction material: Stainless steel AISI304

Surface finishing : Acid pickling, Electrolyte polishing on request

Interface: 400 V, 10A

## Applications

De-lumping prior to Big bag loading

De-lumping after hopper loading

De-lumping after Big bag unloading

De-lumping prior to mixer

De-lumping prior to feeding to a pneumatic conveyor

## Accessories

### ADAPTER FLANGES

- inlet flange
- outlet flange

### ATEX -CERTIFIED GEAR MOTOR UNIT

- EX II 3G/D T4