

# Lime Dosing

## Lump Breaker DLP

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### Description ▼

The DLP Lump Breaker consists of a square cross section casing with upper and lower flange, two horizontal rotating shafts equipped with chopping knives, a grid to hold back lumps, four end bearing assemblies with integrated adjustable shaft sealing unit, an appropriately sized drive unit complete with power transmission.

### Function ▼

The DLP Lump Breaker is the ideal device for breaking up material lumps which have formed during material handling or processing but are soft enough to be broken up.

The quick rotation of the special chopping knives through a fixed grid carry out the job. The presence of two rotor shafts results in high throughput rates.



### Application ▼

To break up lumps in the powder or granular product.

In the presence of moisture, most powdery or granular products stored in silos, bags and FIBC form lumps that are more or less consistent and of different sizes. DLP is suitable to be installed at the outlet of a Bin Activator as well as a FIBC Discharger in order to brake any possible lump and reduce grain size from a maximum of 5 mm to the minimum original one.

In certain applications, it is therefore necessary to break up the lumps not only to reduce the grain size but also with the aim to make it as uniform as possible to facilitate further handling operations.

### Benefits ▼

- ✓ Simple and compact solutions;
- ✓ Different sizes;
- ✓ Competitive price;
- ✓ Easy Maintenance;
- ✓ Strong Design.

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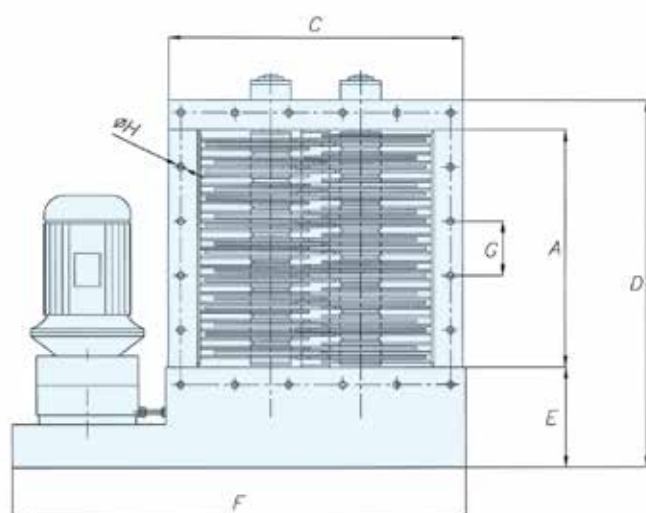
## Lump Breaker DLP



### Technical Features / Performance ▼

- ▶ Construction material: Carbon steel, 304 L / 316 L stainless steel
- ▶ Available with de-dusting filter or equipped for centralised dust suction
- ▶ Filter element options: cartridges, round bags, elliptical bags
- ▶ Filter surface from 3 to 22 m<sup>2</sup> (32 to 237 sq ft)
- ▶ Collecting hoppers with different capacity volumes
- ▶ Support feet with possibility of height adjustment
- ▶ Available in ATEX version, zone 22
- ▶ Space-saving overall dimensions and compact user-oriented design
- ▶ Built-in fan-operated, air jet-cleaned, maintenance-friendly dust collector
- ▶ Through optional BINSWEEP® Rotary Discharging Device (see chapter) low overall height
- ▶ Favorable price-performance ratio

### Overall Dimensions ▼



Approximate values



TYPE	A	B	C	D	E	F	G	Drillings-Bohrungen-Trous-Fori		m <sup>3</sup> /h	kW		kg
								Qty.	ØH				
DLP 035	375	320	490	640	210	800	89	20	12.5	25 ► 35	2.2	3.0	250
DLP 050	525	440	655	820	230	1010	120	20	15.5	40 ► 50	4.0	5.5	340