



## Rotary Lump Breaker

The **CONTROL AUTOMATION** Rotary Lump Breaker is designed for breaking up **friable** lumps and agglomerates that have formed in dry powders and granules. Lump breakers are commonly used to process powders prior to pneumatic conveying, sifting, blending, feeding, etc., and can be installed in chutes, ducts and conveying systems. They can also be fitted with a hopper for batch operations. On some products, lump breakers can even be used for size reduction.

The Lump Breakers have been successfully applied in industries such as Food, Confectionery, Minerals, Chemicals, Fertilisers and Plastics.



### BENEFITS

- \* Relatively low operating speed minimises product degradation, generation of excessive fines and dust, and temperature rise.
- \* Reconstitutes product to improve flowability, consistency and downstream processing.

### STANDARD FEATURES

- \* Screen size determines characteristics of product out of breaker or screen can be removed for maximum flow.
- \* Modular Construction. Strong fully welded body minimises dust leakage.
- \* Flanged top and bottom for dust tight connection to other equipment.
- \* Compact design.
- \* Hardened blades and shear bars can be replaced.
- \* Outrigger bearing housings. Gland seal packings on shaft.
- \* Removable screen.
- \* Screen apertures from 1.6 mm upwards.
- \* Vee belt drive with motor adjustment. Direct drive as an option.
- \* Factory assembled and tested.
- \* Constructed from mild steel or stainless steel. Other special materials on request.

## ACCESSORIES

- \* Inlet hopper with adjustable flow control gate
- \* Support frame.
- \* Inlet transitions
- \* Discharge hoppers and transitions.
- \* Motor controls.

## OPTIONS

- \* Construction from special wear and corrosion resistant materials.
- \* Sanitary design.
- \* Air purge seals.
- \* Friction, shearpin or electronic overload protection.
- \* Direct drives.
- \* Variable speed drives.
- \* Special motors and drives for hazardous locations.
- \* Special designs to suit individual applications.
- \* Speed monitors.
- \* Quick release models for ease of cleardown.

## SPECIFICATION

Model No.	Throat		Body Height mm	Approx. weight with largest motor kg	Motor Range kW
	Width mm	Length mm			
DLB 2515	250	150	300	120	1.1 - 3.0
DLB 2530	250	300	300	175	2.2 - 5.5
DLB 2545	250	450	300	230	3.0 - 7.5
DLB 2560	250	600	300	320	5.5 - 11.0
DLB 3830	380	300	450	270	3.0 - 7.5
DLB 3845	380	450	450	340	4.0 - 11.0
DLB 3860	380	600	450	400	5.5 - 15.0
DLB 3875	380	750	450	480	7.5 - 18.5

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