

Lump Breaker

The main function of the Claudius Peters Lump Breaker is crushing of lumps which have formed, for instance, due to hydration in silos or bins.

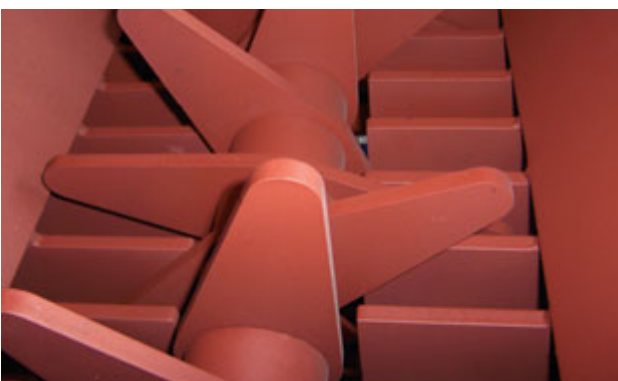
A horizontal or vertical type lump breaker is available and is used in the discharge area in front of the discharge equipment, for example flow control gates.

A rotor with crushing arms arranged radially and displaced on the shaft, draws the lumps against a grate where it crushes the lumps.

The operational safety of the Claudius Peters Lump Breaker is ensured by an optional overload cut-out with reversing duty. This is realized by an integrated control board.

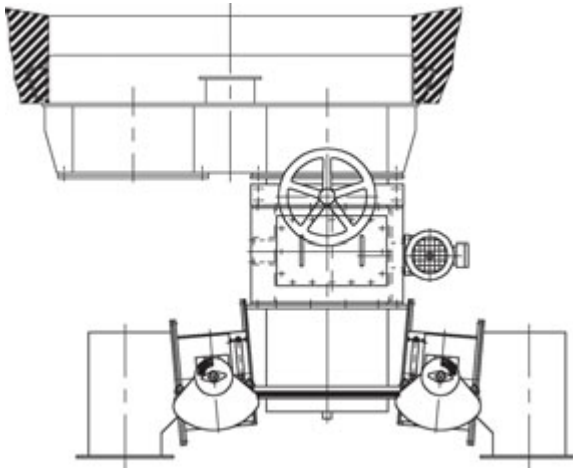
Advantages of the Claudius Peters Lump Breaker MH and MV

- Mass flow of cement up to 1000 t/h
- Available for all aeroslides and silo outlets
- Designed for high material temperatures up to 180 °C
- Low energy consumption 0,75 kW at 25 min-1
- Rotor and grate insert made of high wear resistant material designed for disagglomeration of lumps up to a size of 40mm
- Easy maintenance
- Integrated rotary speed sensor
- Optional switchboard for integrated overload detection and reversing control

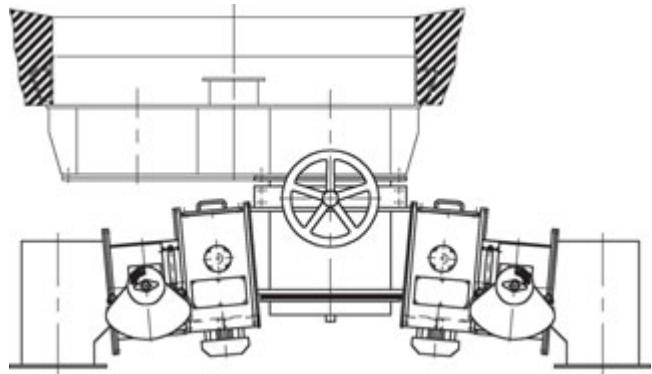
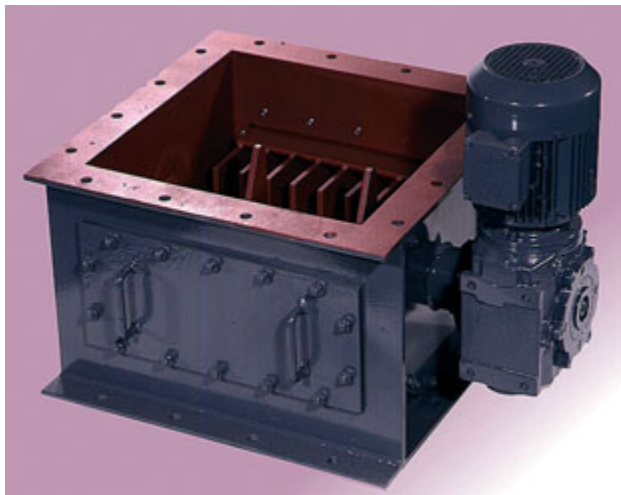


Detail of breaker and grid

Lump Breaker



Lump Breaker MV (vertical)



Lump Breaker MH (horizontal)

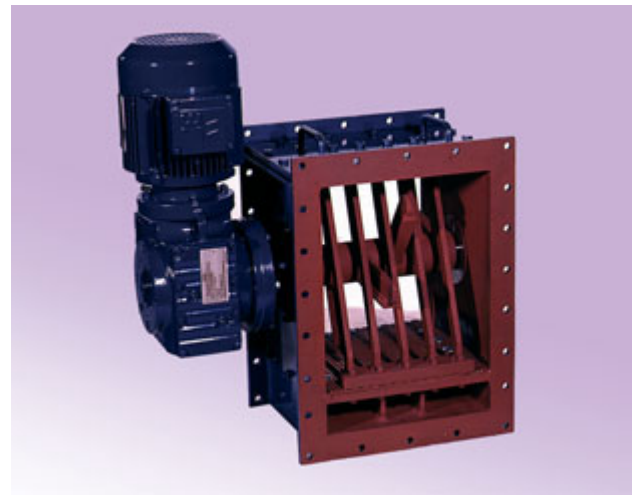


Table of sizes [mm]

Vertical type MV	Horizontal type MH
250	
300	
350	400 x 400
400	500 x 500
500	600 x 600
630	

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The information contained within this brochure is deemed to be correct at the time of going to press. Due to the policy of continued improvement, we reserve the right to change any specification without prior notice.
ERRORS & OMISSIONS EXCEPTED

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