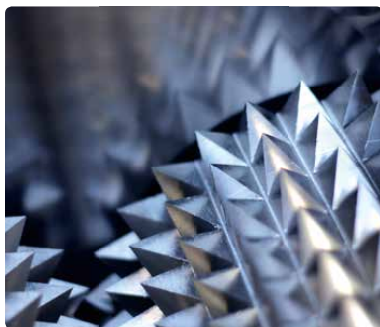




# LUMP BREAKER

## NW300



### MATERIAL EXAMPLES

- sinter cake
- magnesium chloride
- iron hydroxide
- urea
- carbon clack
- fertilizers
- sugar
- bakery rework
- confectionery
- extrudates
- filter dust
- ash
- sewage sludge
- citric acid
- proteins
- starch
- lactose
- silicon carbide
- pvc-agglomerates

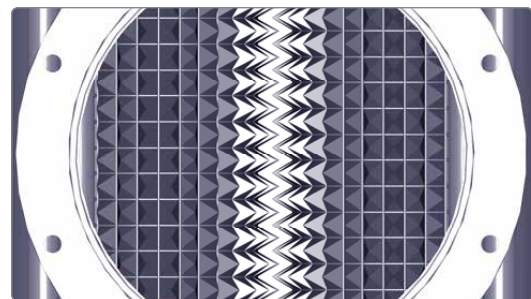
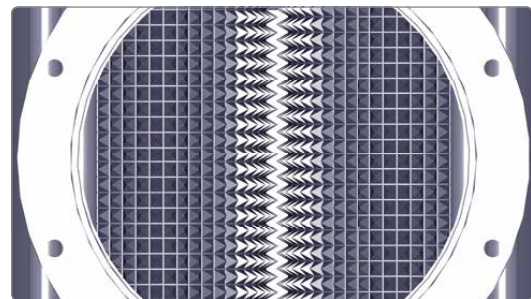


# LUMP BREAKER

## NW300

The massive, pressurized Lump Breaker NW300 is designed for homogenizing a broad range of product flows. Main areas of application are processes in the food, chemical and pharma industries, as well as other bulk handling tasks with lumps sized up to 280 mm. The desired final grain size between 0.5–20 mm may be adjusted through the variable slit and available roller profiles from fine to super coarse. The rollers may be run synchronized with variable speed and in friction mode for a ripping effect on the product. Scrapers make sure material does not stick to the rollers. Typical functional areas of application are silo or tank discharge, big bag discharge, pre-crushing as product preparation for fine grinding, clearance of lumps for long ways of pneumatic bulk transport and breaking up agglomerates in bags for further processing.

Maximum lump size:	up to 280 mm
Final grain size:	0,5 – 20 mm
Maximum capacity:	approx. 30t/h in pneumatic line (2 bar)
Weight:	350 kg
Hygienic Design:	GMP compliant, CIP through automatic roller extraction
Material in touch with product:	1.4462; 1.4404
Drive:	Lenze, SEW; power as required
Pressure shock resistant:	10 bar
Sealings:	Silicone, PTFE, optional glands
Flanges:	DIN 24154 T2, 300 mm
ATEX:	Zone 22



### OPTIONS

Request your specific lump breaker layout. We prepare your customized solution based on our modular system and integrate the breaker into your production environment. Ask us for peripheral components like a big bag connection hopper, charge and discharge, dosing and weighing solutions, metal separators and sieves, bag and big bag discharge and charging stations as well as comprehensive pneumatic transport solutions to and from the breaker.

### FULL SERVICE

Optimize the operational performance of your breaker with our dedicated maintenance services. We warrant short term availability of original spare parts throughout the life time of your unit.

