



ROLLER CRUSHER

RC300



MATERIAL EXAMPLES

Food:

- salts
- press cake
- cocoa beans
- sugar
- bakery rework
- extrudates
- citric acid
- proteins
- starch
- lactose

Non-Food:

- magnesium chloride
- iron hydroxide
- carbon black
- fertilizers
- confectionery
- filter dust
- ash
- sewage sludge
- silicon carbide
- pvc-agglomerates
- Ores
- limestone



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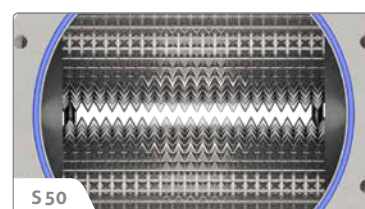
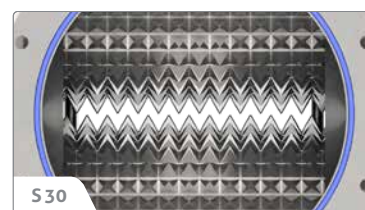


ROLLER CRUSHER

RC300

The massive, pressurized Roller Crusher RC300 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 sizes up to 280 mm. The desired final grain size between 0.5-20 mm is adjusted through the variable breaking gap and 5 available roller profiles from fine to super coarse. The rollers can 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. The roller crusher is best suited for breaking agglomerates from bags, silo or tank discharge, big bag discharge, pre-crushing as product preparation for fine grinding and in-line clearance of lumps for pneumatic bulk transport.

Maximum lump size:	up to 280 mm
Final grain size:	0,5-20 mm
Maximum capacity:	approx. 30t/h in pneumatic line (2 bar)
Roller profiles:	S 18 / S 30 / S 50; glazed, rippled
Weight:	350 kg
Hygienic Design:	GMP compliant, CIP through automatic roller extraction
Material in touch with product:	1.4462; 1.4404, optionally rollers hardened
Drive:	SEW; power as required
Pressure shock resistant:	10 bar
Sealings:	Silicone, PTFE, optional glands
Flanges:	DIN 24154 T2, 300 mm
ATEX Zoning:	Zones 2/21/22



OPTIONS

Request your specific roller breaker layout by a trial. We prepare your customized solution based on our modular system and integrate the breaker into your production environment. Available options are the Siemens PLC with auto reverse system, bag and big bag handling, dosing solutions, mobile layouts and CIP solutions.

FULL SERVICE

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

Milling trials
& Analysis

Project planning
& Engineering

Manufacturing
& Installation

Training
& Commissioning

Maintenance
& Service

Status: January/2020