



REKORD

AUTOMATED SUGAR GRINDING & BUFFERING SYSTEMS



Example: REKORD Sugar Grinding system
with stirred icing sugar buffer container, net volume 1.500 liters



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REKORD

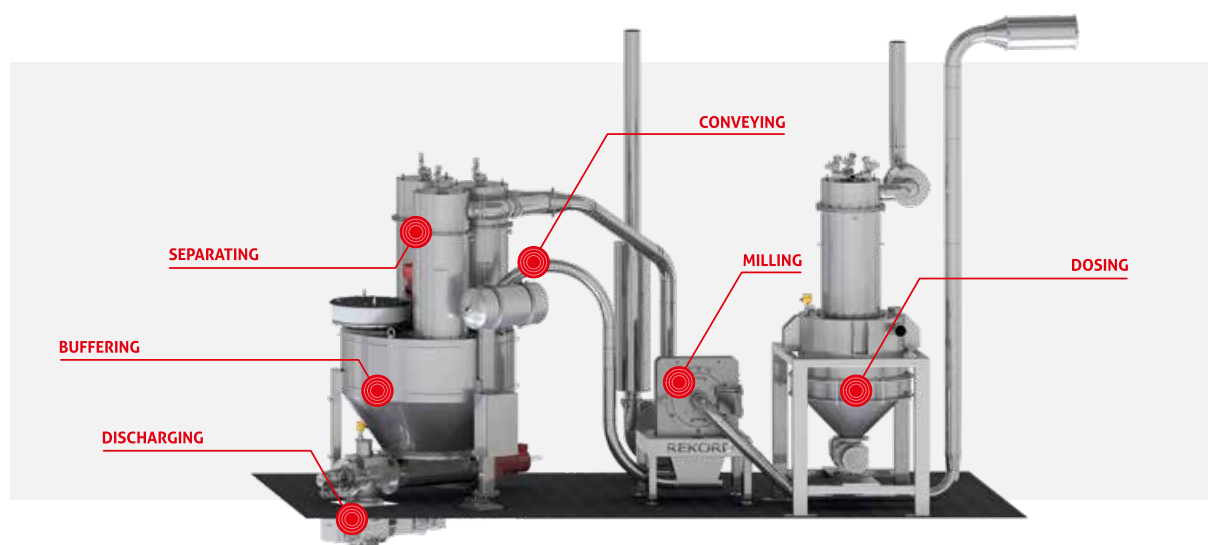
SUGAR GRINDING PLANTS & BUFFERING SYSTEMS

JEHMLICH REKORD sugar grinding & buffering systems are producing high-quality icing sugar and provide the exact quantity of required icing sugar at any time. The design assures low-temperature sugar grinding in continuous or batch mode. The icing sugar fineness is set to customer specifications and ranges from very fine qualities of $D_{90} \leq 18 \mu\text{m}$ to standard market products with $D_{90} \leq 75 \mu\text{m}$, or coarser. Feed mode can be continuous, from silo, bags or big bags. Our explosion-protected, compact systems have integrated stirred buffer containers for icing sugar with 200, 750 and 1.500 liters net capacities. Ask us for individual plant layouts for your specific capacities and fineness targets.

TECHNICAL DATA

- Design for continuous or batch production
- Product fineness (D_{90}) set from $18 \mu\text{m}$ to $200 \mu\text{m}$
- Energy-efficient drives, PLC SIEMENS S7
- Grinding elements: pin rotor/stator or turbo
- Stirred icing sugar buffer with agitator (200/750/1.500 liters)
- Conformity with ATEX directive 2014/34/EU
- Conformity with EC machinery directive 2006/42/EC and EGV 1935/2004
- Integration into overall controls and all parameter monitoring

Design size	REKORD A	REKORD B	REKORD C	REKORD D	REKORD D-2SSt
Capacity	100 - 300 kg/h	300 - 1.200 kg/h	1.200 - 2.000 kg/h	2.000 - 3.000 kg/h	3.000 - 6.000 kg/h
Fineness	Set as required between $90\% \leq 18 \mu\text{m}$ and $90\% \leq 75 \mu\text{m}$				



OPTIONS

Request our proposal for your specific sugar grinding needs. Our customized solutions allow various ways for feeding and discharge and remain flexible for coming parameter changes. Ask us for integration of the grinding system into your production environment.

FULL SERVICE

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

Milling trials
& Analysis

Project planning
& Engineering

Manufacturing
& Installation

Training
& Commissioning

Maintenance
& Service

Status: February/2020