



Your bulk solids  
Our solution

# Components | Systems | Service

*For your individual needs in bulk solids handling*



**HOSOKAWA  
SOLIDS**



# HOSOKAWA SOLIDS

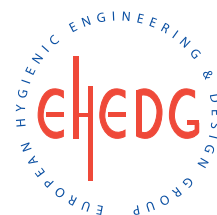
*Setting standards in bulk solids handling*

Hosokawa Solids, part of Hosokawa Alpine and member of the Hosokawa Micron Group, was founded in 1969 and has more than 50 years of experience in the field of bulk solids handling technology. The company provides its own developed process solutions and equipment in core competences such as storage, pneumatic conveying, dosing, milling, classifying, compaction, mixing and drying as well as

global and integrated automation. With engineering, manufacturing and testing facilities located in Germany and Spain, the three business units components, systems and service as well as specific design lines, Hosokawa Solids supplies turnkey projects to the food, pharmaceutical, chemical, mineral, environmental, rubber and plastic industries.



*As our customer, you benefit from our worldwide service network.*





# YOUR COMPETENT PARTNER

## » FOR YOUR SPECIFIC INDUSTRY



» **FOOD & BEVERAGE**



» **ANIMAL FEED**



» **PHARMA & COSMETICS**



» **CHEMICALS**



» **ENVIRONMENT & POWER PLANTS**



» **MINERALS**



» **RUBBER**



» **PLASTIC**

## » DESIGN LINES

Based on various design lines, Hosokawa Solids adapts its technologies and manufacturing to product characteristics and operating conditions.

### **SOLIDS BASIC**

Applies to dry processes for non corrosive bulk solids and low up to middle hardness, generally in carbon steel

### **SOLIDS CLEAN**

Dry processes for aggressive products which must be free of ferritic particles, parts in contact stainless steel

### **SOLIDS HYGIENIC DRY & WET**

Wet or dry processes with wet or dry cleaning, designed for food, cosmetic and pharma products, according EHEDG

### **SOLIDS HEAVY**

Applies to dry processes for abrasive bulk solids, also corrosive and / or at higher temperatures processes.



# SYSTEMS

*Integral solutions in bulk solids handling processes*

Hosokawa Solids provides systems in the core competences of storage, pneumatic conveying, dosing, milling, classifying, compaction, mixing and drying. These are integrated into the best overall solution for the customer and continuously adapted to the product characteristics and operating conditions of various industries.

**FOR YOUR INDIVIDUAL NEEDS AND DEMANDS:**

- Pneumatic conveying systems
- Weighing and metering technology
- Complete silo installations
- Process automation
- Intralogistics for bulk solids

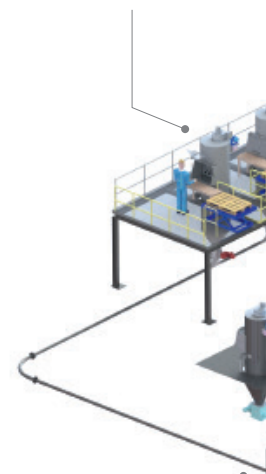
## *Hosokawa Solids is part of the Hosokawa Alpine Group*

In January 2020, the former Solids Solutions GmbH became part of the Hosokawa Alpine Group, a leading provider in the field of mechanical process engineering. As a result, customers of both companies benefit from the joined strength of a broad-based system provider.

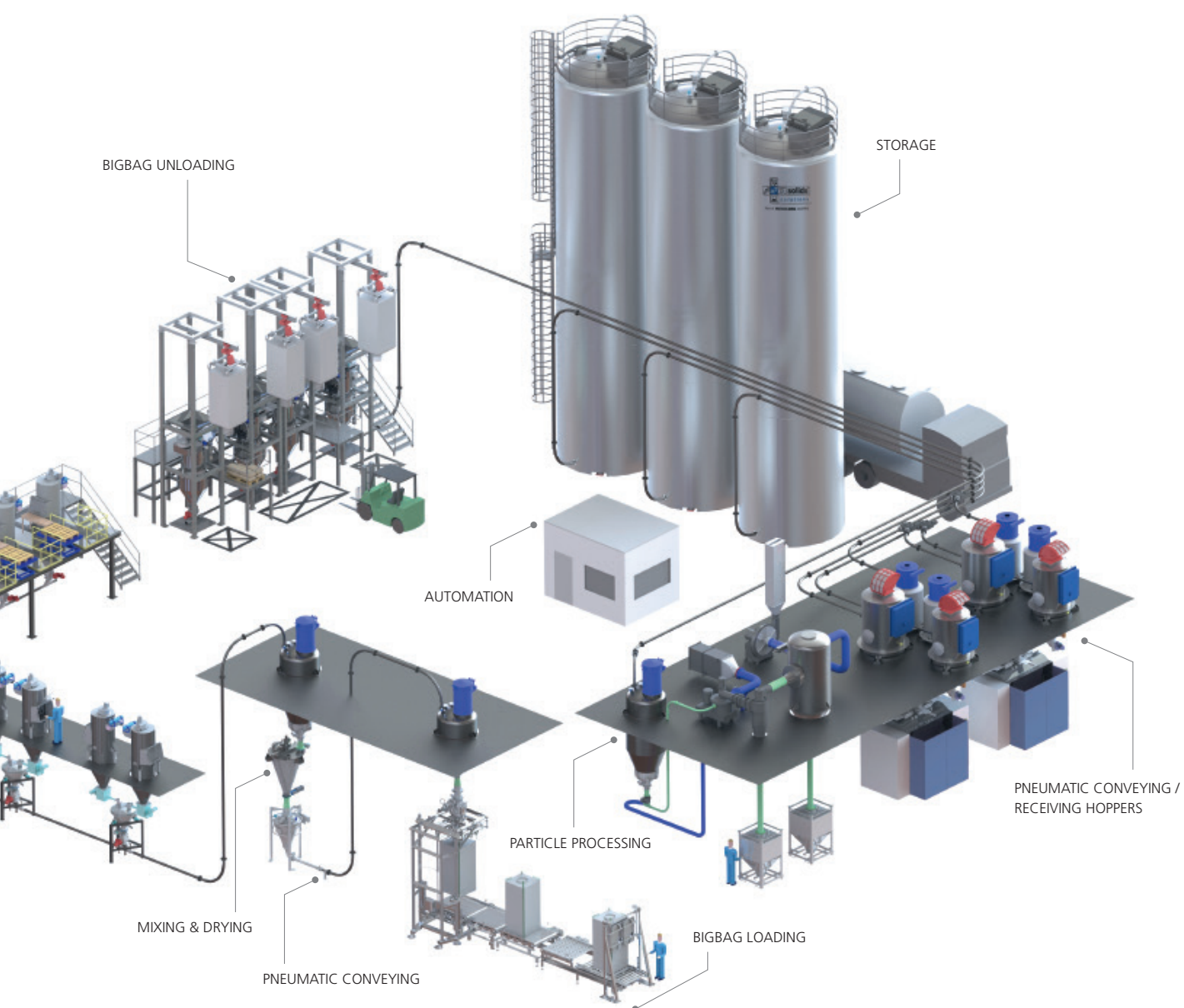


**HOSOKAWA  
ALPINE GROUP**

SACK UNLOADING



DOSING & WEIGHING







# COMPONENTS

*Innovative, specialist and customized*

From discharging devices to dosing equipment, Hosokawa Solids components are manufactured by a highly qualified and experienced team. In addition, Hosokawa Solids offers adapted processes and homologations according to the specific industry and design line.

- ISO 9001 certified by TÜV Rheinland
- ATEX Directive 2014/34/EU certified
- Manufacturing process according to ISO 3834-2
- Hygienic Designs according to EHEDG
- Manufacturing of pressure vessels according to AD 2000-Merkblatt HP 0



**GERMAN**  
design ●●●



Emptying silos, hoppers



Emptying bigbags, sacks, containers



Filling trucks, waggons



Filling bigbags, drums



Dosing & weighing



Pneumatic conveying



Rotary valves



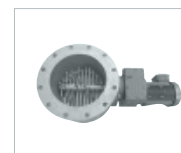
Conveying screws



Locking valves



Diversers



Lump crushers

## » INTRALOGISTICS OF TECHNOLOGIES



» STORAGE



» BIGBAG & SACK UNLOADING



» PNEUMATIC CONVEYING



» DOSING & WEIGHING



» MIXING & DRYING



» PARTICLE PROCESSING



» BIGBAG & TRUCK LOADING



» AUTOMATION

## SERVICE

*Comprehensive, modular, efficient*

Hosokawa Solids's service is integrated into Hosokawa Alpine's BLUESERV. With BLUESERV, you secure unique competitive advantages and at the same time decide for yourself to what extent and how often you want to make use of our service package. In addition to hardware modernisation and maintenance, we naturally also optimise all software and control components to the latest state of the art.

### YOUR ADVANTAGES WITH BLUESERV

- » Spares and repairs: high availability of original parts, minimum downtimes for maximum productivity
- » Process control: consultancy and optimisation services, especially for older machines
- » Remote service: fast assistance in the case of system defects and reduction of service costs
- » Safety check: mechanical safety-check and electro-check for maximum safety
- » VIB – vibration measurement: compact and wireless





# HOSOKAWA SOLIDS

## ***HOSOKAWA SOLIDS SOLUTIONS GMBH***

### **GERMANY**

Robert-Bosch-Strasse 8  
86830 Schwabmünchen  
Germany

📞 +49 8191 3359-0  
📠 +49 8191 3359-22  
✉️ [info@solids.hosokawa.com](mailto:info@solids.hosokawa.com)

[www.solids.de](http://www.solids.de)

## ***HOSOKAWA SOLIDS SL***

### **SPAIN**

Calle Etxepare 6  
20800 Zarautz (Gipuzkoa)  
Spain

📞 +34 9438 3060-0  
📠 +34 9431 3420-3  
✉️ [commercial@solids.hosokawa.com](mailto:commercial@solids.hosokawa.com)

[www.solids.eu](http://www.solids.eu)

***Any questions? Just call – we are happy to help.***



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