

daxner

BULK SOLIDS TECHNOLOGY



ENGINEERING



IMPLEMENTATION



SERVICE



www.daxner.com



OUR KNOW-HOW. YOUR STEP AHEAD

Daxner is recognized as a leader when it comes to solids handling technology. We engage in process-engineering solutions for plants handling powders and bulk goods. For more than 30 years we are supporting our partners in the food & beverage-, animal feed- and chemical industry.

Our performance is based on three major keystones: know how, capacity and creativity. Our strength is the development of innovative and custom-designed complete concepts. We deliver High-Tec production facilities as turn-key solutions.

Daxner provides seamless service and support from the company headquarters and fabrication sites in Wels/Austria and Lauda-Königshofen/Germany. Combined with a strong network of international subsidiaries, such as Daxner USA, Daxner UK, Daxner SOUTH EAST ASIA and Daxner LATAM with numerous sales and service partners worldwide, we geographically demonstrate our proximity to our customer as well.



Daxner headquarters Daxner GmbH located in Wels/Austria and the subsidiary Daxner Germany in Lauda-Königshofen/Germany.



Headquarters in Austria. A state-of-the-art media technology with videoconferencing system makes the communication with international customers and partners easy and efficient. The newly built production center NIRO-PUR ensures highest quality standards of pure stainless steel fabrication.

We secure our clients' trust by means of our extensive know how, customer-oriented thinking and an uncompromising commitment to top quality and plant availability.

Consequently, our clientele enjoys smooth running production and product quality, which in turn gives them satisfied customers.

1986

Production and assembly hall I newly built

1989

Introduction of a CAD system for planning and design

1993

New construction of the production and assembly building No. II

2000

New construction of a modern open-plan office for the technical department

2006

Opening of the Niro-pur production building

2008

Foundation of Daxner GERMANY GmbH

2011

Inauguration ceremony for new office building with focus on team strength

2013

Newly built extension to our stainless steel fabrication shop

2016

Past success. Great future: DI Christian Daxner holds the majority ownership of the family-run company

1984

Engineer Johann Daxner takes over the milling equipment company Kreuzhuber and established Daxner Bulk Solids Technology, 9 employees

1988

New construction of the office building

1992

Office building enlarged

1996

Leading Austrian manufacturer of foods industry equipment

2004

Renovating and extension of the office buildings

2009

Development into a leading, full range supplier of flour and dough processing systems for the bakery industry

2011

New office building for engineering & sales

2014

30 years of Daxner bulk solids technology, 180 employees

2018

Opening of the new innovation center and the Daxner lounge

FUTURE-ORIENTED

SCOPE OF SUPPLY



Pneumatic vacuum conveying system



Storage silos



Big bag discharge station



Manual dosing station



Centrifugal screening machine



High Performance vertical mixer

CONVEYING SYSTEMS

Screw conveyor systems

Mechanical conveying systems:

Chain conveyors |

Bucket conveyors

Pneumatical conveying systems:

Pneumatic pressure and vacuum conveying systems |

Dense phase conveying systems |

Central vacuum cleaner systems |

Diverter valves | Rotary valves

SILO & DISCHARGE SYSTEMS

Silo systems:

Outdoor silos/Storage silos | Indoor silos/Daily silos |

Truck loading silo systems | Silo accessories

Discharge systems:

Vibro bin discharger |

Fluidizing bin discharger |

Rotary bin discharger |

Live Bottom Bin

BIG BAG HANDLING**Big bag Filling systems:**

Eco Lift 1500 | Fill & Weigh 1500 | Eco Basic 1000

Big bag Discharge systems:

Big bag discharge station | Combined bag intake &

Big bag discharge station |

Big bag discharge docking system

DOSING & WEIGHING SYSTEMS**Dosing systems:**

Dosing screw conveyors | Manual dosing system for

small and micro batches | Vibratory feeders | Loss-

in-weight feeders | Small component dosing station

Weighing systems:

Container weighing system | Weighing bin |

Flexi-scale | Bag filling and weighing systems

SCREENING SYSTEMS

Centrifugal screeners |

Control screening machines |

Control screening machine VIB & PRESS |

Tanker truck screening machine /

Inline screening machine

BLENDING & MIXING SYSTEMS

Vertical and horizontal ribbon blenders |

Continuous ribbon blenders |

Fluid bed batch-mixers |

Container blenders



Container transport system



Bag intake station VIB & PRESS



Jet filter DF



Grinding system



Residual bread processor daxRec



Fermenter for all sour and pre-doughs

CONTAINER SYSTEMS DCS

Container transport systems | Container

loading systems | Container discharge systems |

Container blenders | Container/IBCs

MATERIAL INTAKE SYSTEMS

Bag intake station VIB & PRESS |

Bag intake station | Combined bag intake &

Big bag discharge station

DE-DUSTING SYSTEMS

Jet filter | Jet bin vent filter |

Dust barrier

GRINDING & PROCESSING SYSTEMS

Lump breaker |

Grinding systems |

Processing systems

LIQUID INGREDIENTS

Residual bread/dough processor daxRec |

Salt brine system daxSol | Yeast fermenter |

Special solutions for liquid egg, salt, sugar, etc.

PRE & SOUR DOUGH SYSTEMS

Flour and bruised grains | Barley and wheat |

Cooled or non-cooled | Mobile and stationary |

Flexible and rigid guides | Discharge via

volumetric dosing or weighing

Daxner high performance stands for efficiency due to the best possible level of automation, high degree of operational safety, long life cycle, easy handling, high maintainability and easy cleaning.

Daxner Bulk Solids Technology meets highest requirements for each industry in terms of: High system availability, gentle product handling, ingredients and batch traceability, compliance with regulations f. ex. ATEX, fulfillment of quality standards such as HACCP-IFS-standards.

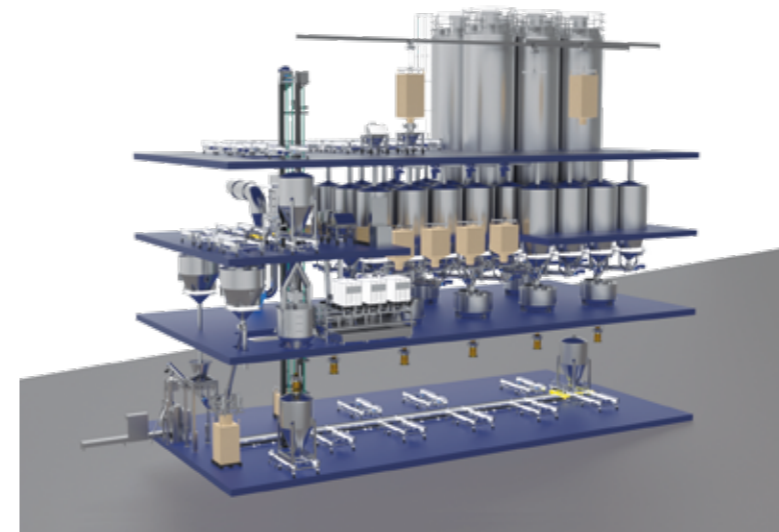
APPLICATION-ORIENTED, CUSTOMIZED TECHNOLOGY

The efficiency of bulk solids technology is exclusively determined and dependent on how efficient it solves the present task.

One of our strengths is profound application consulting, whereby we have extensive experience in the following industries:

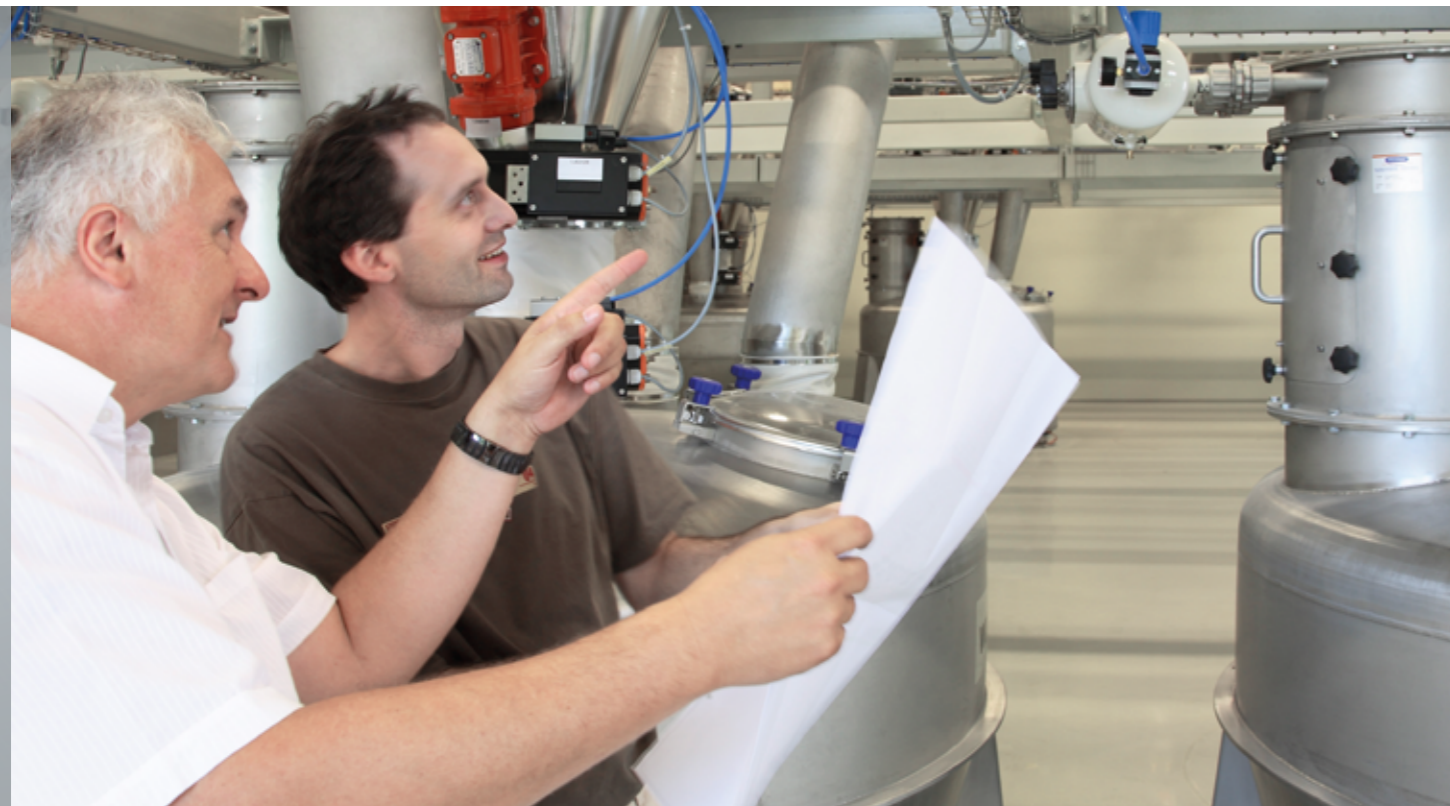
- Food & beverage industry (Sweets & confectionary, convenience foods, drinks & juices, mills)
- Spices and herbs
- Bakery and pastry ingredients
- Bakeries (Industrial and artisan bakeries)
- Animal feed industry (Pet food, animal food)
- Industry (Chemical, pharmaceutical, plastics, building materials)

RIGHT CONCEPTS ARE KEY TO SUCCESS



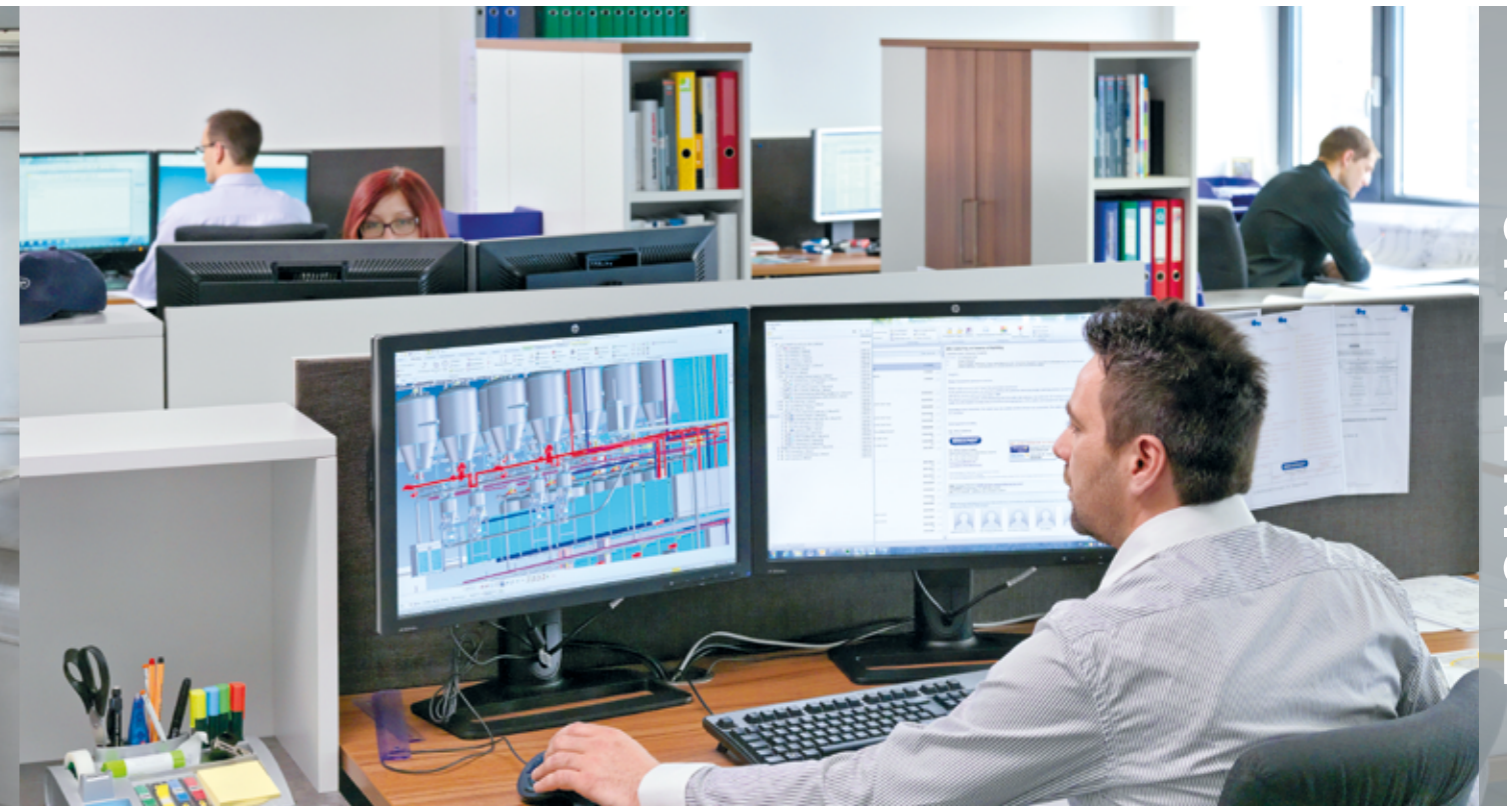
- Process-oriented project assessment and system choice
- Flow-schematics
- Project description
- 3D-CAD-plant design
- Project management
- Installation schedule
- Specification
- CE-hallmark

CONSULTING



Outstanding plant design does not only commence during the initial planning stage on the CAD screen, in fact it takes its course upon assessment at customer site. Our project management starts with a profound consultation, in which the current situation, tasks and requirements are analysed and implemented in detail.

ENGINEERING



To develop the right concept is critical for a flawless function of the production facility. It is the key to success. Therefore our principle is to think ahead rather than afterwards. In the conceptualization stage of the design process we must pose a driving force, which develops the best solutions and processes based on innovative ideas and technological competence.



The production of spice mixes imposes highest requirements on production facilities in terms of hygienic design and cross contamination prevention for a very large number of different ingredients. Order processing at short notice requires a maximum of production capacity and flexibility at the same time.



Clean design production plants with highest accuracy are in great demand. Fully automated ingredient collection system with Daxner Container Systems DCS, AGV (Automatic Guided Vehicle) for Container transport and IBC (Intermediate Bulk Container) in hygienic design.



Uncomprising hygienic design in a bakery ingredient mixing system. A fully automated three dimensional container transport system provides for high throughput, dosing accuracy and allergen-free ingredient handling. A full CIP-able mixing tower minimizes cleaning downtime and maximizes operational efficiency.



Compact designed mixing plant for the production of complex bakery ingredients. An efficient plant design ensures flexibility for product changeovers with utmost mixing accuracy. High-end product quality can be achieved due to the prevention of cross contaminations by featuring hygienic design and easy cleaning.



Processing facility for the production of masses for the cookie and waffle manufacture.
 Hygienic handling of high-quality raw materials fed out of bags or Big bags.
 Liquid ingredients are dosed by dosing pumps through heatable pipes. The plant and dosing controls system ensures a seamless traceability of all components and batches.



Mobile bag and Big bag intake stations with control screening (VIB & PRESS technology) for loading ingredients into the automated day silo dosing, transfer and mixing system (high performance vertical mixing line in CIP execution) provides performance, flexibility and hygienic design.

CUSTOMIZED PROCESS CONTROLS SYSTEMS

Daxner's modular, efficient and reliable systems for production planning, controls, regulations and surveillance include:

- **Plant administration:** Manages the entire production processes centrally, captures and records the current system status.
- **Modular design:** According to the individual requirements of any production process, different modules for raw material reception & inventory control, transport, dosing, mixing, commissioning of small ingredients, packaging etc. can be added to our core module manager arbitrarily.
- **User-friendliness:** All modules are constantly refined and improved based on our customers' experience. By reducing the required input operations to an absolute minimum and by integrating additional functions according to our customers' requirements a maximum user-friendliness is achieved.
- **Full traceability:** The entire material flow is constantly traced, recorded and comfortably visualized. All relevant latest standards (like EU regulation 178/2002) are met.

CONTROLS SYSTEM



The Daxner supply range pays off for all control tasks: Reduced personnel requirement, greater production cost efficiency, secure product quality, and in the final analysis, enhanced competitiveness.

EXTENSIVE SERVICE PROGRAM

Daxner not only manufactures high-quality equipment, but also ensures correct installation and start-up.

You can be certain that following the start of production, you will always have a partner available, who is on hand to answer your questions or deal with any problems.

In fact, Daxner provides ongoing support throughout the entire life cycle of our equipment, from the completion of maintenance to inspections, servicing, repairs and the rapid supply of spare parts.

This secures sustainable plant management, which minimizes production standstills due to technical problems and thus prevents losses and the resultant costs.

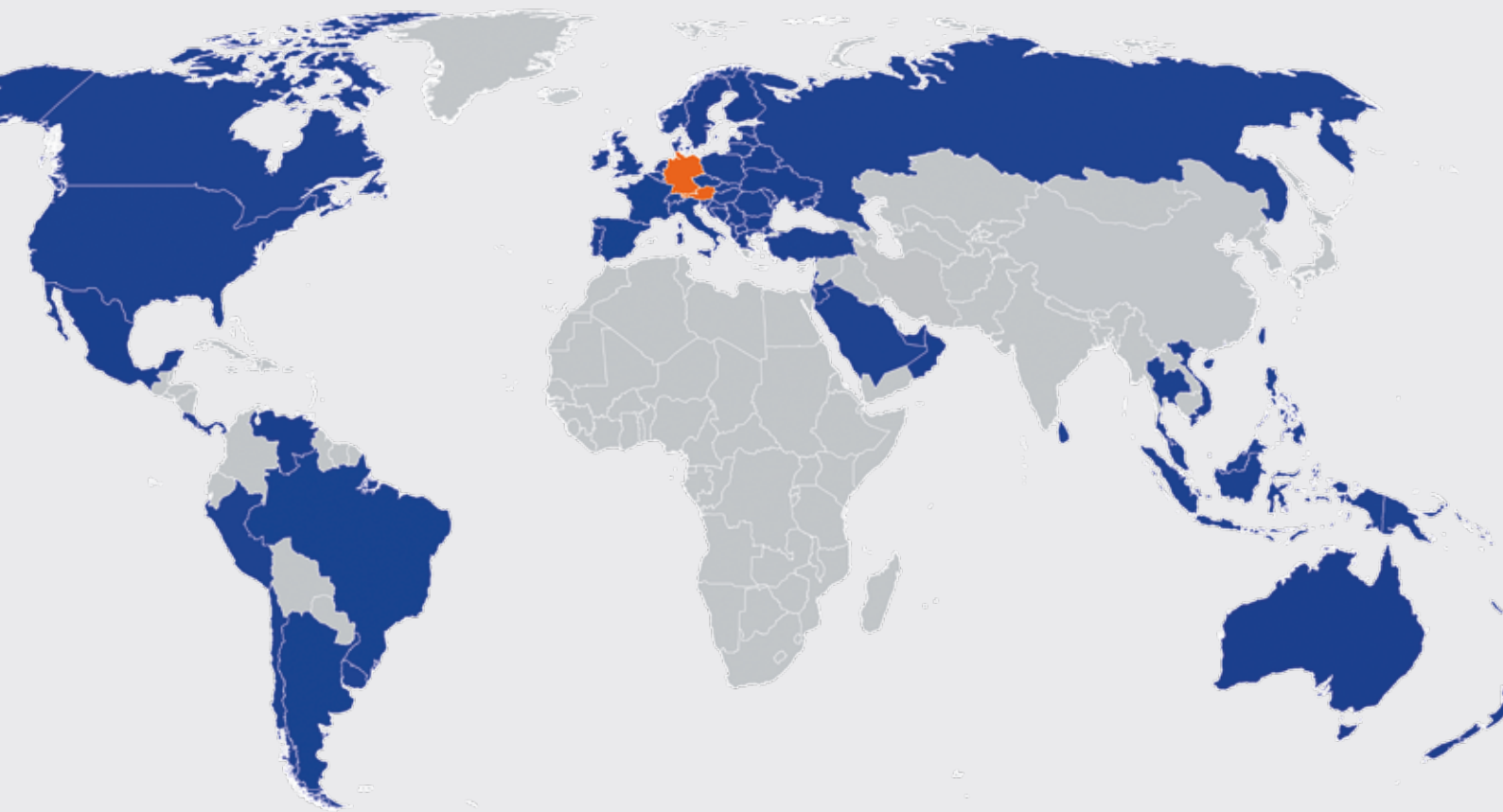
SERVICE



On site installation of Daxner equipment ranging from single components to turn-key processing plants. Installations in various regions, such as Europe, North America, South America and South East Asia etc. are no exceptions for our experienced and highly motivated supervisors and installation technicians.



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