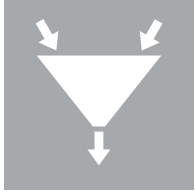


YOUR PROCESS...  
...OUR CARE



# PRODUCT INTAKE



*Dinnissen Process Technology  
Dinnissen is a specialist in the world of  
bulk materials and process technology.  
With over 125 corporate employees  
and an extensive network of agents,  
we provide valuable products and  
services to a wide range of industries  
all over the world. For our customers,  
we are continually on the lookout  
for innovations and new market  
developments aimed at creating new  
and improved products. Improved  
ergonomics, efficiency and hygiene  
are essential elements in this process.  
Our process know-how, in-house  
manufacturing capabilities, systems  
integration expertise, and wide range  
of specially developed products and  
machines combined with our excellent  
customer service is what makes us  
what we are: dedicated specialists in  
process technology!*

## **PRODUCT INTAKE**

### **The right solution for Big Bags and sacks**

Regardless of whether your raw materials are delivered in a sack, box, Big Bag, bulk car or silo, the unloading process always demands the utmost care and attention. And of course safety, quality and cost efficiency are critical aspects of that process. Whether it involves one Big Bag per day or 1500 sacks per hour, Dinnissen is the right partner to help you ensure that you always take delivery of your materials efficiently and effectively.

### **Focus on user-friendliness, worker health and safety**

Taking delivery of raw materials involves expensive manpower. Speed and efficiency of operation are therefore very important, as are safety and ergonomics. We have a strong focus on: safety features for sharp objects, minimizing manual lifting activities, and removal of toxic and aggressive compounds. The end result is significant savings on all forms of labour costs as well as compliance with all worker health and safety requirements and regulations.

### **Empty means really empty**

Preventing product waste is an important component of every production process, from the perspective of cost savings as well as waste removal. That is

why we make sure that your containers and packages are emptied practically down to the very last granule. This is true for manually operated machines as well as fully automated emptying systems capable of emptying over 100 m<sup>3</sup> per hour. This allows you to not only cut the cost of your raw materials but also to treat empty packaging as normal waste material.

### **Quality also means preventing contamination**

Whether your products are used in the food, feed, pharma or chemical sector, contamination always negatively impacts quality. At Dinnissen, we have a wide range of options available aimed at preventing contamination in any production process. These include automatically brushing off sacks prior to emptying, carefully separating clean and emptied packaging, and the integration of a high-quality sieve installation into the process. The use of high-quality hygienic materials and systems which can be cleaned easily and quickly can also help you to achieve the desired level of quality.



*Improved Product Intake & Technology via testing*

*in our D-Innocenter® testing facility*

**Automatic registration for tracking and tracing**

Accurate registration is needed to track and trace incoming as well as outgoing products within the framework of quality and safety requirements. This process must be robust and reliable and can therefore be very time-consuming. We can assist you in this regard via automatic registration systems which are tailor-made to fit into your controlled production process.

**Particle-free for people, workplace and environment**

Depending on the raw materials that you use, you will have to deal with particles which may contaminate the work environment, cause an explosion hazard, or be toxic and/or aggressive for your employees. An intelligent ventilation and/or suction system can help you prevent many of such problems. The end result is a clean, safe and healthy work environment.

**We can manage the entire process**

With 60 years of experience in process technology, our expertise is not limited just to the delivery of raw materials. We can also assist you when it comes to transporting even the most difficult powders and accurately weighing, dosing, sieving, grinding, mixing and packaging a wide range of materials. We design and develop our own technology in-house and have extensive manufacturing and service facilities in place. Our own D-innocenter® testing facility also enables us to develop new techniques and to test your products on our machines.

**Sacks from 10 to 80 kilograms**

Sacks are still one of the most common forms of packaging used in the food, feed and pharma sectors. It should therefore come as no surprise that Dinnissen offers a large number of solutions in this area, ranging from standard installations for manual emptying of sacks to completely tailor-made and automated lines with practically no manual labour involved.

**Emptying Big Bags / FIBCs**

Emptying Big Bags and FIBCs can involve extra customer specifications and/or requirements. It is reassuring to realize that we have experience in dealing with most of the issues which arise, including issues related to lifting, moving and resealing Big Bags or cleaning empty units.

**Silos, drums, bulk cars, containers**

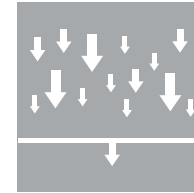
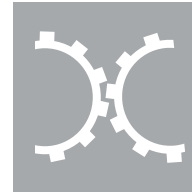
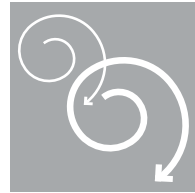
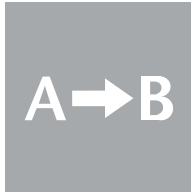
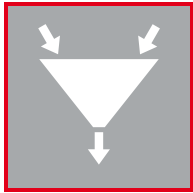
We also apply much of the same technology used for the more common packaging units to silos, drums, bulk cars and containers. After all, unloading raw materials is one of our core specialties. Regardless of whether you are looking for a standard or special solution, we can provide you with the solution you need - if necessary, completely tailor-made to your specifications.



*From machine to total concept,  
Dinnissen is the company to rely on.*



YOUR PROCESS...  
...OUR CARE



PRODUCT INTAKE

PET FOOD

FOOD

RECYCLING

CONVEYING & HANDLING

AQUA FEED

LIFE SCIENCE

MINERALS

FEEDING & WEIGHING

FEED

PHARMACEUTICAL

DETERGENTS

MIXING & PROCESSING

CHEMICAL

PLASTICS

MILLING & GRINDING

SIFTING

PACKAGING



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