

DAXNER CONTAINER SYSTEMS DCS

FOR THE PROCESSING OF MIXTURES FROM POWDERS AND GRANULATES

→ **Daxner Container Systems include:**

- Stainless steel IBC in hygienic design
- Container loading systems
- Container discharge systems
- Container transport systems
(AGV / mechanical transport systems)

+ Free of contaminations
+ Hygienic
+ Energy-efficient
+ Flexible



OUR KNOW-HOW. YOUR STEP AHEAD



DCS Transport System

The components of a batch are collected and intermediately stored in a container (IBC). The IBC is transported to the loading stations through an automatic guided vehicle system (AGV) or mechanical conveying systems such as chain conveyors, roller tracks etc.

The quantity of the integrated IBCs is determined by the customers' particular requirements and the product specification.



DCS Loading-/Discharge System

The single components are filled into the IBC through the container docking system. They are dosed and weighed directly into the IBC (major components). For high weighing accuracy the medium and small components are pre-weighed in high-definition bin scales.

DCS Blending process

Once all components of one batch are stored in the IBC, the blending process starts. This process takes place in particularly designed container blenders. Alternatively, the batch can be discharged into a batch blender, which fulfills high mixing accuracy including the add-on of liquid components, flavourings, etc.

The complete mixture is conveyed to the subsequent processing steps (packing plant) by the assigned IBC (alternatively big bags).



Daxner offers turnkey solutions: engineering, supply, installation, initial start up + process control system !

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