



**CUSTOM POWDER SYSTEMS**  
THE CONTAINMENT COMPANY



**INTEGRATED  
CONTAINMENT  
SYSTEMS**

2715 North Airport Commerce Ave.  
Springfield, MO 65803  
Phone: (417) 868-8002  
Fax: (417) 868-8316  
[www.custom-powder.com](http://www.custom-powder.com)

## IBC (Intermediate Bulk Containers)



### *Appreciate the Art of Engineering*

Known as Bins, Hoppers, Vessels, Totes and Containers... Bins and Bin Systems are the centerpiece that contain product for powder handling and processing applications where containment is required. Custom Powder Systems will custom design to meet your specific application

### History of the IBC

The original IBC was made from plywood in 1937 for the storage and handling of flour for the milling industry. After W/WII the Seattle area originators formed a partnership with Beatrice Steel Tank in Nebraska. The first metal containers were made from aluminum in 1948. The side door design allowed for the discharge of almost any powder including those with poor flow characteristics.

A pivoted hopper discharge was designed to match the bin's door area and was used for 2-3 years until a new tilting discharge hopper design improved the sealing and dust control. The tilting discharge or stationary hopper was used for many years and worked very well until the bins became dented and worn making them hard to seal.

Bottom discharge units were also designed using a transition hopper from the rectangular body down to a discharge valve. This design virtually eliminated the problem of dust control and allowed for the discharge to close against the flow of product.

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# IBC STYLES



**SIDE DOOR IBC**



**OPEN TOP IBC**



**DOUBLE CONE IBC**



**HOPPER BOTTOM IBC**



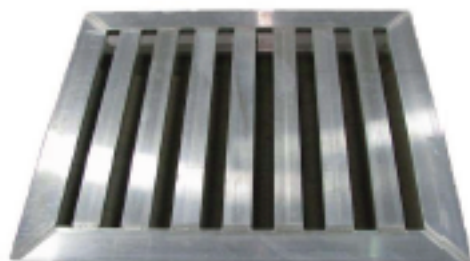
**INVERTING IBC**



**TABLET IBC**



**CONE TOP IBC**



**PALLETS**



**SCALE-UP IBC**  
from lab scale to production scale