

FIBC, BAG-DUMP & DRUM SYSTEMS — SPECIFIED & DELIVERED THROUGH GQI

From super sack to process — contained.

Powder often enters and leaves a plant in super sacks, small bags, and drums — and every connection between a container and the process is a chance for dust to escape and product to be lost. GQI specs this equipment, complete solution or legacy-system upgrade, based on your application: the product, the container actually in service, the containment level required, and the equipment on the other side.

A container handling system works best when it is designed precisely for the container showing up at the facility. GQI's specification starts with the bag or drum itself — spout diameters, liner, loop type, full and empty dimensions — alongside material characteristics and peripheral process demands.



Bulk bag discharging station

Designed around the container

Specification starts with the bag or drum in service — spout, liner, loops, full & empty dimensions.

Filling & discharging, separate

Engineered as separate applications, each against the equipment on the other side of the connection.

Hazardous dust handled

Executions for hazardous dust & explosivity concerns — combustible dust (NFPA/ OSHA), Class / Div / Group.

Containment to OEB

High-containment options up to OEB-rated systems; dust control scales from a hood to an integral filter to glovebox class.

The container applications

Bulk Bag Discharging

Connects the bottom spout of a full FIBC to whatever comes next — hopper, feeder, or conveyor. Sized to the outlet spout of the bag in service; dedusting pulls away displaced air, liner clamps control the inner liner, and exchangeable inner tubes serve bags with different outlets.

Dedusting · liner clamp · exchangeable tube · WIP

Bulk Bag Filling

Connects a fill head to the top spout of an empty FIBC, mounted under the equipment doing the dosing — fill head, feed system, or weigh frame — and specified against the inlet spout, bag construction, and the full-bag weight and dimensions your process produces.

Dedusting · air-regulator kit · hazardous-dust builds

Bag-Dump Stations

When product arrives in sacks an operator can lift, a bag-dump station keeps the dust at the station instead of in the room — specced around the sacks, bags per hour, and what the station feeds. De-bagging grate and bag compactor handle the empties.

Sacks ~25 kg / 50 lb · filter, hood or vent connection

Drum Filling, Discharging & Tipping

Drums and kegs discharge with a tipper or lift column, a containment cone at the connection, and dust extraction where the product needs it — or fill to a target weight, with drum indexing where throughput demands it.

30 gal · 55 gal / 200 L & custom drums & kegs

From the container to the process — contained.

Innovative Solutions. Reliable Support. Always a Step Ahead.

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CONTAINMENT & CONSTRUCTION

Containment that matches the product.

High Containment, When the Product Demands It

Some products set the containment level for you. Where an OEB (occupational exposure band) requirement applies, GQI offers high-containment FIBC connection systems — such as the Hecht HCVS — and glovebox executions of bag-dump and drum stations, selected against your OEB level.

Built for Hazardous Dust

Where combustible dust (NFPA/OSHA) is a concern, the station is built for it: Class / Div / Group execution, dedusting and evacuation connections to control displaced air, dust filters and filter retrofit kits. Dust control scales from a simple hood to an integral filter to full high-containment execution.



Bulk bag filling station



FIBC unloader connection



Small-drum filling station



Glovebox-class containment

Built to the duty — alloys, finishes & seals

Locked in at specification — contact and non-contact surfaces separately, including sleeve and sock fabrics on the flexible elements.

304 / 304L / 316 / 316L stainless

Carbon steel

Weld finishes to pharma electropolished

EPDM & silicone (FDA)

FKM / PTFE / PU seals

Food-grade / FDA

WIP — wash-in-place

Mobile / castors

PU & PTFE-coated sleeve fabrics

Antistatic / conductive (Type C)

Powered by Hecht Technologie. Hecht is GQI's partner brand for bulk-bag and containment handling — from FIBC filling and discharge connections through high-containment systems like the HCVS glovebox-class FIBC connection. GQI is the North American application partner, and the answer arrives as a complete, validated specification.

From container to specification

1 Configure or describe

Walk the GQI Configurator — container, product, dimensions, containment — or send your application details.

2 GQI engineers validate

Station, containment level, materials & features confirmed against the process.

3 Built & delivered

A complete, validated specification — documentation included.



Configure it
configurator.gqind.com

Let's spec your container handling.

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