Bulk Bag & IBC Handling

KOCKUMS Bulk Systems
Bulk Bag Unloading

Designs to suit Industrial & Sanitary Applications through to Heavy Duty Mining.

Bags are loaded by hoist or forklift using certified lifting frames.

Bag massage systems with fully sealed telescopic chutes and optional flow-stop for closing of partially emptied bags.

Vibrating hopper type systems with a dust suppression membrane and operator access door for safe untying of the bag.

Vibrating hopper type systems with a dust suppression membrane and a knife to cut the base of the one way / flat bottomed / unspouted bag open.

Downstream of the bulk bag unloader Kockums can also provide a variety of conveying, metering, sieving, lump breaking or other process equipment.
Bulk Bag Conditioners

The Bulk Bag Conditioning System safely squeezes, turns and manipulates hardened material within the bag to a manageable free-flowing state. The unique pivoting conditioning arm design provides maximum penetration to the materials but remains gentle to the bag.
Bulk Bag Filling

Our range of bulk bag fillers are designed to be simple to use, robust in design and suitable to accommodate a range of bag sizes. Most systems comprise trade approved hang weighing, material densifying system and a variety of optional items.

With each bag filling application, the most suitable material control device will be chosen providing both the desired filling rate and accuracy. Material metering systems normally come in the form of gravity fed, screw fed, belt fed or rotary valves.

- Trade Approved hang weigh system
- Suitable for varying bags sizes
- Single sided bag loading
- Sealed inflatable neck clamp
- Bag/liner inflation system
- Material densification systems
- Mobile systems
- Automatic bag release and accumulation systems
- Pallet handling systems
Intermediate Bulk Containers (IBC’s)

The Kockums’ Intermediate Bulk Container (IBC) system incorporating our Cone Valve technology has been developed for ingredient and pre-mix batching.

1. The cone valve, actuated by an external probe, promotes flow, minimising segregation & provides a controlled feed.

2. IBC’s can be filled using a dust tight telescopic filling chute. Filling solutions by weight or volume are available.

3. IBC’s are fully sealed, can be labelled for quality control and traceability purposes and are safely stackable, minimising valuable floor space.

4. Remote operated discharge docking stations make emptying a full or partial IBC a simple and clean exercise. The docking station probe activates the cone valve providing controlled and often metered material flow into the down-stream process. Removal of partially emptied containers is easy and safe.

5. Wash stations can be provided to simplify and automate the IBC cleaning process. The wash cycle is fully programmable including rinse, detergent wash, sanitise and drying functions.

Sizes from 0.6 m³ to 2.5 m³ in Polythene and larger sizes available in mild steel construction or stainless steel.

Safe stacking to minimise floor usage.

Diatomaceous Earth | Graphite | Feldspar | Fluoride | Limestone | Gypsum | Magnesia | Lead Oxide | Resin
From a project’s infancy Kockums can quickly and accurately provide concept designs and budget pricing for capital approval. At this early stage material trials are often undertaken at our Melbourne facility to help confirm solution selection.

Our In-house design engineering team design all equipment in compliance with Australian Standards and meeting our customers expectations. The Kockums Brand is well known for its “built to last” reputation and often unique approach.

Kockums offers installation, commissioning and operator training. Equipment is fully assembled and tested prior to commissioning by experienced engineers to ensure optimum performance and efficiency.

Kockums has a trained service team providing spares and nationwide support to our clients. Every installation requires something different and our partnership program allows us to work with individual customers to determine the most effective level of support.