

Bag Handling



...a world of experience to meet your powder handling challenges



Industrial Equipment & Design Company

Bag Handling

Custom Designs

Often times the right solution to bag handling requires custom designed bag dump stations, hoppers and access platforms. Again, this is where the full service capabilities of **IEDCO** can be an important part of providing you with the complete response to your needs.

Transferring the product into the system often involves a vacuum conveyor. Our fluidized feed adapter kits, integrated into the hopper of the bag dump station, permit an easy and reliable way of conditioning the material for proper transfer via vacuum.

So whether your bag handling challenges are simple and straight forward, or complicated and involved, **IEDCO** is uniquely positioned to help you meet those challenges.



Bag Dump Stations

IEDCO provides a wide range of customized portable and stationary bag dump station to allow the discharge of bags and drums of raw materials to a downstream process, located below. Our basic configuration incorporates an integral screening system and dust collection port.

The units are designed to allow operators to empty bags of material into the process with minimal spillage and maximum containment. A vent connection permits venting of dust and airborne particles, via hook up to the clients existing dust collection system.

Optional components include integral dust collection and a bag compactor.

Bag Compactors

Obviously, when you empty bags you generate a lot of trash. Removing the empty bag from the confines of the bag dump station generates spillage and usually a mess when transferring the empty bag to a trash bin or other container.

Incorporating a bag compactor into the bag dump station can be the solution to this problem. The compactor can be configured into the side of the bag dump station or be designed to serve multiple bag dump stations, back to back, or in line.

Our bag compactors are fully pneumatic, without messy hydraulics or electrical components, and can either be free standing or integrated into new or existing systems. Units have a hinged access door for removal of compacted bags with heavy duty latch and pneumatic limit switch, control panel with extend/retract push button, full compactor indicator push-button, and vented safety lockout valve with filter regulator.

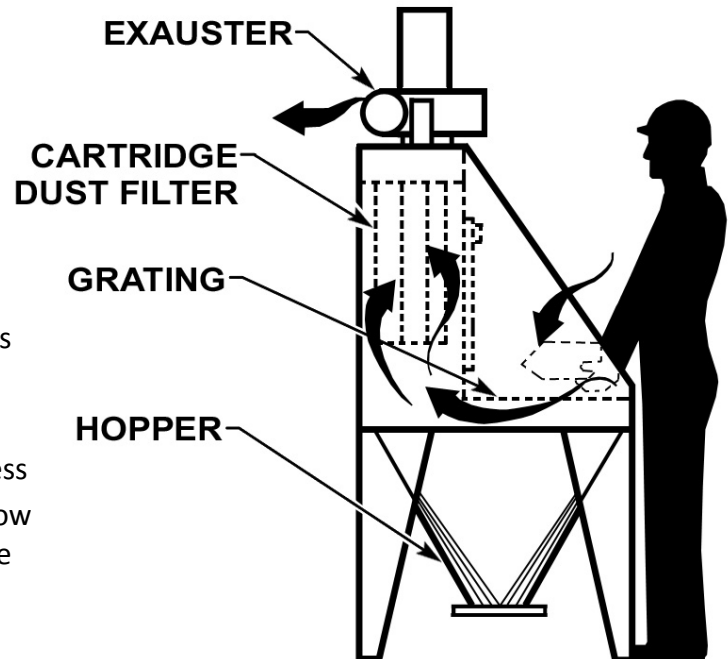
When integrally mounted to a filtered bag dump work station, the bag compactor utilizes the dust collection system in the bag dump to keep the worker environment dust free during bag compaction cycle.



Equipment Specifications & Options

The base bag dump stations are built to the following preliminary specifications, subject to final engineering confirmation:

- Stainless Steel Bag Dump unit, mounted on casters for portability
- Dust Collection Port to hook up with client provided dust collector
- Cartridge dust collector (optional)
- Bag Compactor (optional)
- Wash Nozzles (optional)
- Integral Screener to prevent paper or other non-product materials from entering process
- Hinged cover with gasketing
- Conical Outlet terminated at a tri-clover connection for mating to downstream process
- Special inlet connection on top of unit to allow for discharging of drums. Two options can be offered for your consideration
- Fluidized hopper bottom for reliable and complete product discharge



Bag Lift Equipment

Bag lifting equipment is often an integral part of the complete solution to the handling of paper sacks. **PALAMATIC** is a leader in the field of vacuum bag lift equipment. Our relationship with Palamatic enables us to take advantage of their expertise and product line to deal with the ergonomic issues of bag or sack handling. A complete bag lift package includes:

- Jib, gantry or bridge crane support systems
- Vacuum Pump and enclosure
- Filtration systems
- Main lift tube assemblies
- Multiple control head options
- Various end effectors depending on size, shape and type of sack.

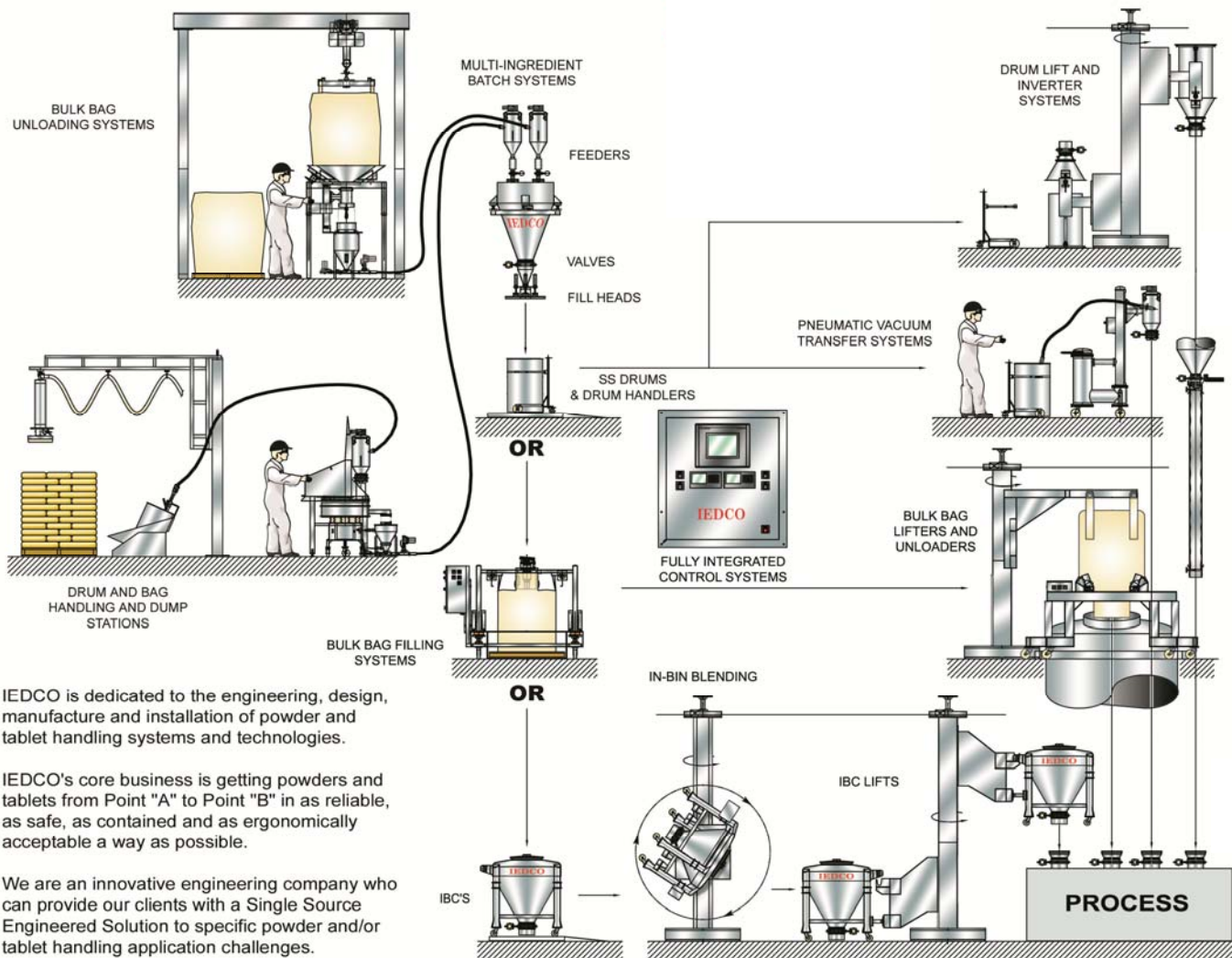
Other Bag/Pallet Lift Equipment we can integrate into any bag handling system can include the following:





...a world of experience to meet your powder handling challenges

Getting Powder & Tablets From Point "A" To Point "B" Is Our Only Business



IEDCO is dedicated to the engineering, design, manufacture and installation of powder and tablet handling systems and technologies.

IEDCO's core business is getting powders and tablets from Point "A" to Point "B" in as reliable, as safe, as contained and as ergonomically acceptable a way as possible.

We are an innovative engineering company who can provide our clients with a Single Source Engineered Solution to specific powder and/or tablet handling application challenges.