

Drum Handling Systems



Industrial Equipment & Design Company

Drum Handling

If you make something from powders it usually means that one or more of your basic ingredients may come to you in drums, or you have a need to fill drums, perhaps in a multitude of different sizes. You are faced with having to address the following issues:

- The ergonomics of the lifting and handling of the drums to minimize back injury and maximize efficiency.
- The emptying or filling of drums with full containment.
- Getting the material to or from the drum reliably.

To help you deal with these issues we custom design and built all kinds of drum handling equipment, which include Column Lifts with a ball screw jack mechanical lifting system, Inverters and Dumpers for drums (and Gaylord's), and a wide selection of Drum Filling Systems.

We are particularly proud of our Column Lift systems, which can lift, invert and rotate to "dock" a drum into a specific unloading position reliably, repeatedly, and accurately. All controls are completely programmable using Allen Bradley PLC components.



Custom Designs

Almost always, the right solution to meeting the drum handling challenges of a project lies in a custom designed piece of equipment, whether it's a Column Lift, Drum Lift & Inverter or Drum Filling Station. **IEDCO** is flexible in our attitudes and our designs to help you meet your drum handling challenges.

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.

Drum Filling Equipment

Whether it's a Continuous Liner Drum Fill System or an accurate Weigh Batching System, **IEDCO** can design a drum filling system that fulfills the specifications of your project. Using a variety of drum fill heads, we can custom design a system that can fill virtually any size drum. **IEDCO's** drum fill equipment can be stationary or portable.





The IEDCO Drum Lift & Inverter

The **IEDCO Drum Lift** will receive, lift, invert and swivel a drum in order to dock it to a process for unloading. The unit is designed to be stationary mounted on a level floor or it can be free standing.

The Column Lift is completely electrically powered and designed to lift, invert and swivel. The completely electric design makes the machine more reliable, trouble-free and smoother operating than either hydraulic or pneumatically powered units. The “lift and seal” drum clamping system is pneumatically powered.



Portable Drum Lift & Inverters

Along with our stationary drum lift and inverter, we can also supply portable models. These units are custom designed to meet your specific requirements including lift height, drum size and required footprint.

The Portable Drum Lift & Inverter can be completely pneumatic, electric or a combination of both. All controls are integrated into the body of the unit, therefore only an air and/or electrical source is required.



IEDCO Lift & Pivot Drum Inverter

Designed to discharge drums into smaller containers or low level chuteworks, the IEDCO Lift & Pivot Drum Inverter is a portable and user friendly piece of equipment.

The unit can handle up to a 250 pound drum and is manually loaded using an ergonomically designed Drum Dolly.

The system uses a “lift and seal” drum clamping system which is pneumatically powered. The inversion mode is electrically powered.



Drum Dollies

IEDCO Drum Dollies are designed for ease of transportation throughout the plant. The low profile frame sits ½ inch off the floor so the trucks can slide under drums with minimum tipping and can sit deep in the saddle for stability.

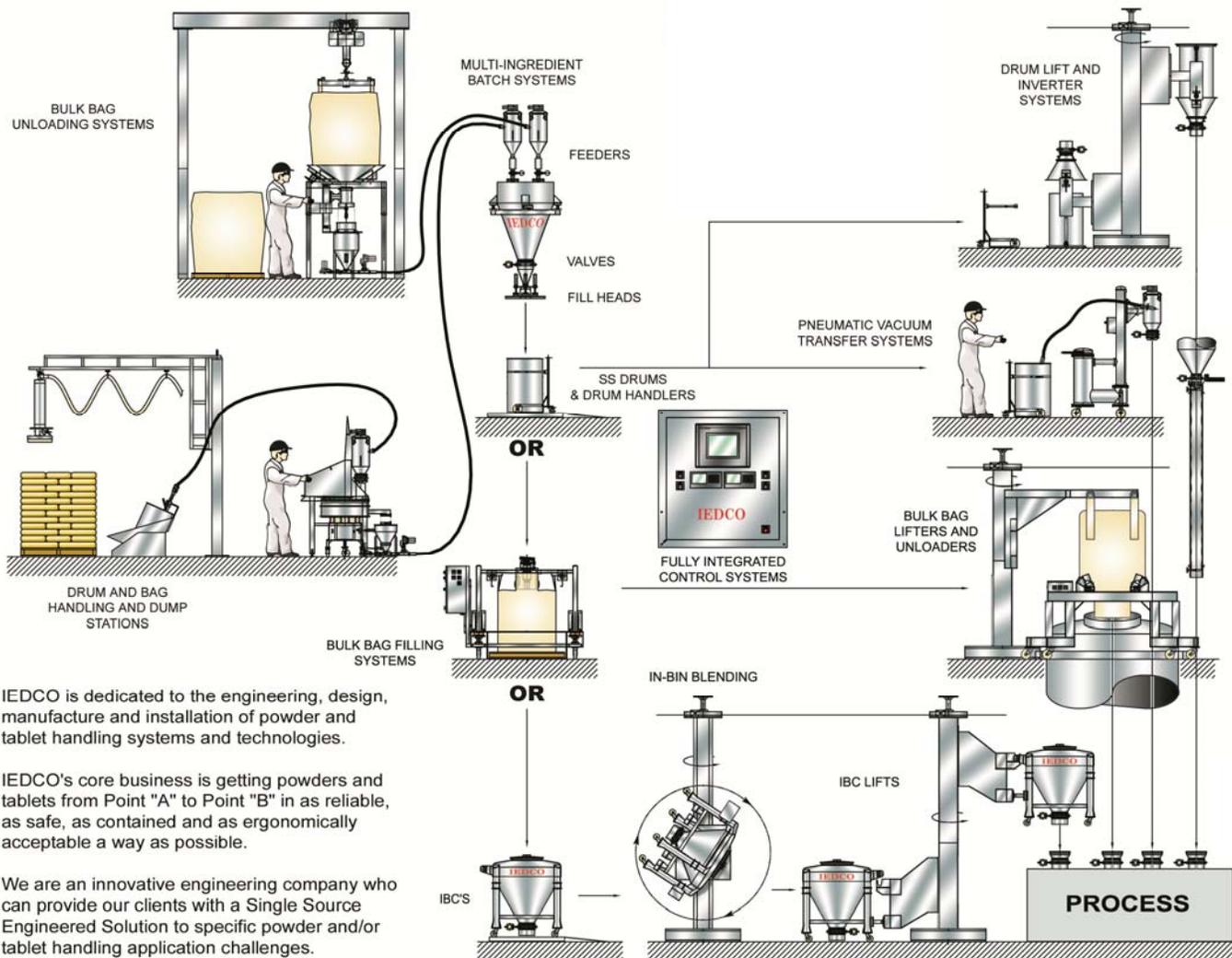
Transport open-top and closed-head 55 gallon steel, plastic and fiber drums without spilling. Other custom drum dollies are available to permit easy movement of drums weighing up to 1500 lbs.





...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.