



DRUMBEATERS OF AMERICA INC.

CUTTING EDGE TECHNOLOGY FOR ZERO WASTE SOLUTIONS

ENVIROTAINER CLOSED LOOP DISPENSING TANK

Drumbeaters of America Inc. specializes in engineering and manufacturing systems for industrial companies to reduce the volume of waste products generated in manufacturing, to transform the waste products so that the waste products can be recycled, and to preferably totally eliminate all wastes.



The Envirotainer® tank has been designed to be cleaned with our patented Cryo-Cleaner® process so that residues can be removed from tanks without the use of soaps, solvents or water.

This process is environmentally safe, user friendly and economical.

In many cases, waste and disposal costs can be eliminated.

U.S. Patent #5,887,750 and other patents pending.

Benefits of Envirotainer® Tank:

- Dispenses heavy viscous, non-flowable materials with viscosities up to 1,500,000 centipoise (cps)
- Eliminates Waste. 99% of material is removed from tank
- Stores & dispenses moisture/air cured sensitive materials without premature curing of materials
- Eliminates V.O.C. emissions
- Provides flooded suction to a pump thereby increasing efficiency of the pump
- Eliminates housekeeping messes on the floor when changing containers
- Increases manufacturing efficiency with less handling of containers.
- Eliminates drum and liner disposal
- Provides a non-combustible container to meet the latest fire code changes
- Eliminates container cleaning when container is dedicated to one product
- Reduces container cleaning costs when cleaning is required
- Solves environmental concerns
- Meets the rigorous UN/DOT standards for shipping containers and for packing groups II & III
- Stores Class I Products and fully complies with NFPA, EPA & OSHA requirements.
- Cleans easily using Drumbeaters patented CryoCleaner Process.
- Meets ISO 14000 goals

Available Features of the Envirotainer® Tank:

- Level sensor that controls dispensing and pumps and monitors material level in the tank.
- Pressure Compensation System to ensure pressure inside of tank is at a minimum 1.5 psi at all times for air and moisture cured materials.
- Tank Wall Lubrication System for products that can build-up a film over time.
- Patented "Conforma" retaining ring that uses just one bolt to fasten and lock a 44 inch diameter lid to the tank.
- Stainless steel, aluminum, or painted mild carbon steel construction
- No Drip Valves

Increase your bottom line by decreasing your waste & production costs!

The ultimate goal of solid waste management and solid waste reduction is the **ELIMINATION OF WASTE!** Drumbeaters of America Inc.'s Envirotainer® Closed Loop Dispensing Tank is engineered to dispense heavy viscous materials that could only previously be shipped in drums and to provide the optimal environment for moisture/air cured sensitive materials. No more drum cleaning, no more drum liability, no more drum liners, no more cleaning messy following plates or mastic pumps, no more pumping problems, no more lost material because it has prematurely cured, no more V.O.C.'s emitted into the atmosphere, and many more benefits such as increased manufacturing efficiency and the ability to meet the requirements of ISO 14000.

When you use the Envirotainer® Closed Loop Dispensing Tank, material is pumped into the sealed 410 gallon tank (350 net gallons) and then dispensed from the tank by pressurizing the tank with nitrogen gas or dry air. This pressure forces a piston following plate down through the container which forces the material out through the bottom of the tank much like a syringe needle. With this system, oxygen and/or moisture never reach the material. This means that the product in side of the container is protected from the atmosphere, keeping the product in its optimal state. Food remains fresh, industrial products do not dry out and adhere to the sides of the container and resins and various other products do not prematurely cure.

So what can the Envirotainer® Closed Loop Dispensing Tank do for you? It eliminates drums from production processes and thereby eliminates drum cleaning and disposal and the associated costs, complexities, and contaminants. It will decrease the number of containers for adhesives, mastics, silicones, resins, paints or other products that you use in your plant. In turn, it will decrease the amount of time necessary to switch containers during production as there are 55 gallons in a standard drum and the standard Envirotainer® Tank holds 350 net gallons.

All this reduces labor costs and increases production efficiency due to reduced container handling and reduced production line shut downs. Further, 99% of the product is dispensed thereby eliminating any wasted product! How much material have you lost because a drum that is 1/3 or 1/4 full has been removed from the production line? How many dollars have been sent to the landfill because of this lost material? The Envirotainer® Closed Loop Dispensing Tank can increase your bottom line by decreasing your production costs!

