

Semi-Automatic Drum Filling System

Application / Equipment Details:

- NBE CSO: E622362001
- Material: Resins and Hardeners
- Bulk Density: 24-28 #/Gal

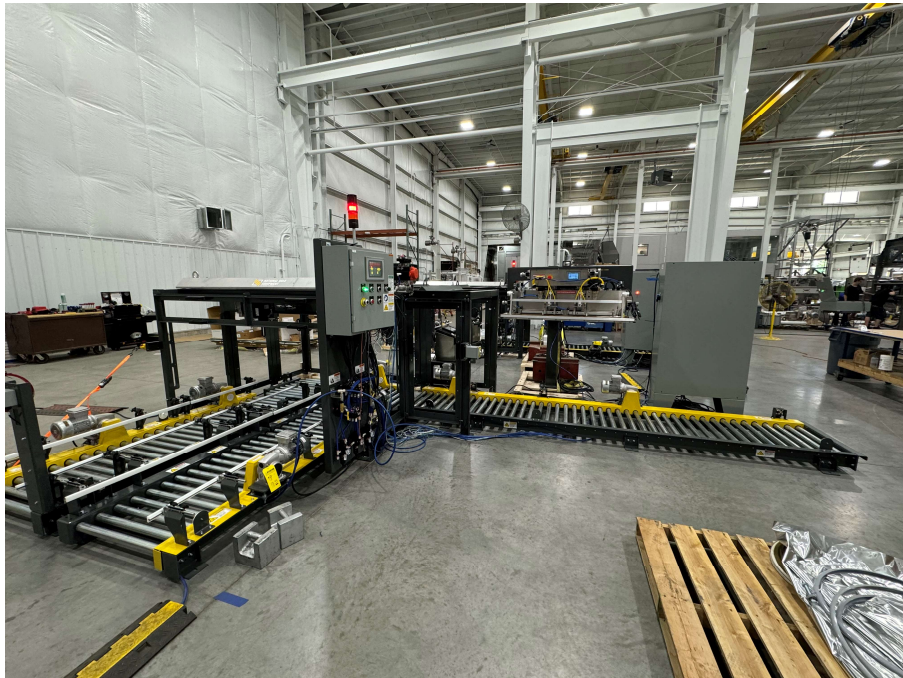
Application Overview:

This packaging system is designed to fill lined 55-gallon open-head steel drums with viscous resins and hardeners in a continuous fashion semi-automatically. Two systems were supplied to optimize throughput and isolate product mixes.

The equipment features a removable supply manifold utilized to transfer product to the filling zone. Two profile cut valves with infinite positioners control the flow of product to the direct fill nozzles based on feedback from the net weight scales. The F-Style design includes two infeed conveyors, two net weight filling stations, two turntables, and a common accumulation conveyor. The accumulation conveyor includes a continuous inkjet printer for applying date, lot, and weight information, a heated vacuum sealer, and a manual lidding station.

With a roller height of just 6.5" the low-profile conveyors were designed with ergonomics in mind. The polycarbonate enclosure serves to improve operator safety while also maintaining a low moisture environment within the filling zone through utilization of dry air nozzles throughout.

This system is designed for use in a chemical processing facility within a reduced footprint.



Real Results APPLICATION OVERVIEW



Real Results APPLICATION OVERVIEW

