



Jumbo Quick Mixer

Application Details:

- NBE CSO: E602160011
- Material: Plastic Pellets (Some materials are glassed filled)
- Bulk Density: 38-50 lbs/cubic foot
- Particle Size: 1/8"
- Flowability: Free Flowing
- Mixer Volume: 546 cubic feet (usable) – 36,468 lbs
- Area Classification: General Industrial

Application Overview: NBE's proven performance history on multiple projects has resulted in many repeat customers over the years. One such customer that produces high-performance engineered polymers uses NBE Jumbo Quick Mixers to homogenize their final product blends. This mixer is designed to blend a truckload-sized volume of product. This mixer features a carbon steel body, however, the mixing auger and center tube are constructed of 304 stainless steel. The stainless steel has been shown to have better abrasion resistance when handling glass-filled materials. Cross-contamination is a major concern for this customer, when changing products between batches there can be no residual material in the mixer. The design of this mixer was modified to remove any flat horizontal surfaces in the product contact area. That feature, combined with the bottom discharge style body, ensures that the mixer sees a complete discharge at the end of the batch cycle. Load cells were provided to monitor batch weights through the customer's DCS.

