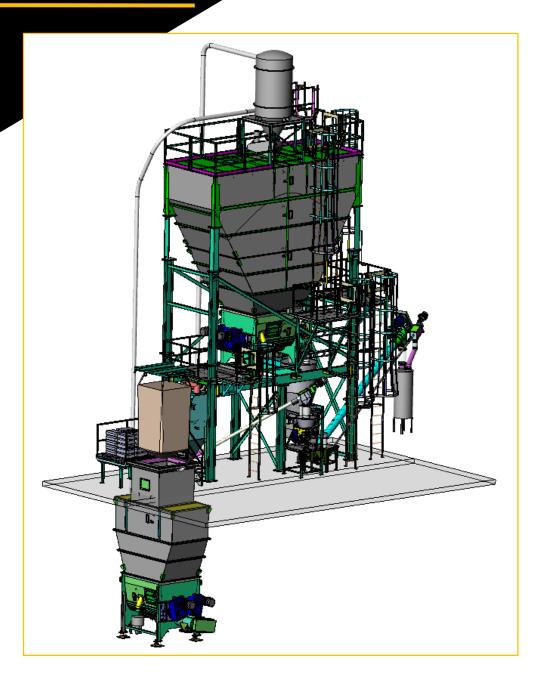
NBE's **REAL** RESULTS



Ingredient Discharging and Feeding System

Application Details:

• NBE CSO: E951795010

 Material: Kraton Polymer Pellets and Customer Additive

Bulk Density: 24-26 lbs/cubic feet

Particle Size: ¼" PelletsFlowability: Poor Flowing

Area Classification: General Purpose
Discharge Rate: 2,000 – 4,000 kg/hour

Application Overview: NBE has a wide range of experience in handling the various grades of Kraton available in the marketplace. In fact, Kraton often refers their customers to NBE to assist with their material handling needs. In this application the customer was developing a new project related to the production of asphalt. The customer was receiving the polymer in supersacks and would charge a bulk surge bin with enough capacity to cover a full 24 hr day. The supersacks were received without spouts and discharged using a piercing hopper. The bulk Kraton was stored in custom surge bins with integrated agitator hoppers. The additive ingredient was discharged from a small bag dump station. Both ingredients were refilled into weigh feeders which metered the material into transfer augers supplying the customer's wetting tank. NBE designed the platforms and supports so that the system can be expanded into multiple duplicate stations serving additional lines in the future.



