

CONVEYING ALUMINUM AND PLASTIC CHOPS



Design Requirements

1. Product Type: Non-ferrous material and plastic chops
2. Material Density: 25 -65 pcf
3. Capacity: 20,000 pphr.
4. Duty: 8-16 hour/day

Customer Challenge

One of North America's largest processors and distributors of scrap and secondary metals needed to divide aluminum and plastic chops into three different adjustable outputs, each feeding a granulator.

Triple/S Solution

Triple/S Dynamics engineered a natural frequency conveying solution with a balanced design allowing an elevated position over the three granulators on a normal support tower. This saves considerable floor space. Dual level, rugged pan design both divides the material flow with adjustable splitters and then spreads full width on the lower level.

Triple/S Dynamics natural frequency vibrating conveyors have been a part of the metals recycling industry for over fifty years because of their low maintenance and rugged construction for years of varying conditions. Eccentric shaft design that provides positive displacement and performance stability.

Triple/S and the Customer

This customer first bought a conveyor similar to this in 1981 – more than thirty-eight years ago. This latest unit brings the total number of machines purchased by this customer at over sixty.