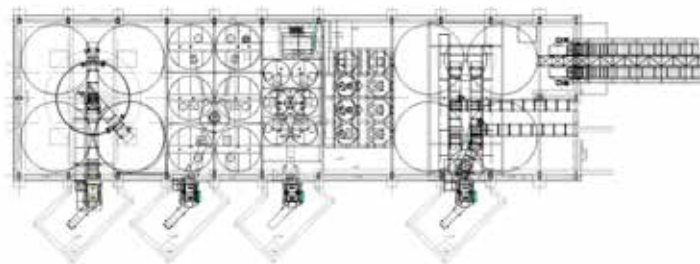
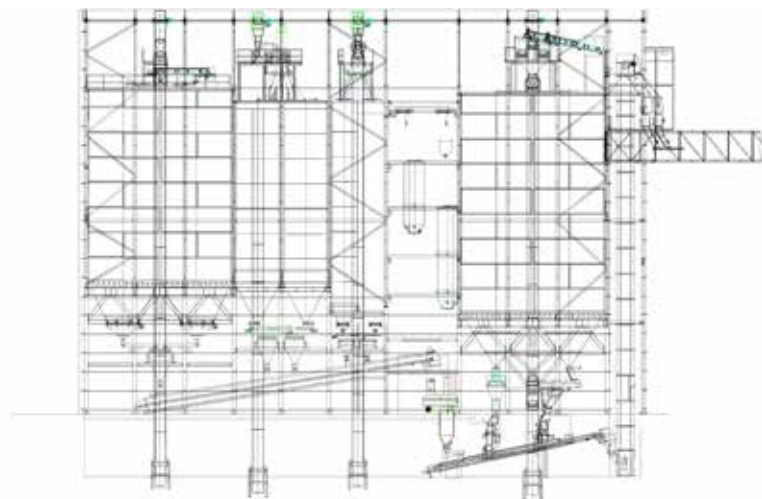


# BUCKET ELEVATORS

FOR BATCH PLANTS & CULLET PREPARATION



*Engineering since 1984*

*Over 1200 machines for glass industry sold to 60+ countries*

## INTRODUCTION

One of the most efficient ways to elevate bulk materials vertically is with a bucket elevator.

Bucket elevators are designed to move flowing powders or bulk solids vertically. The typical elevator consists of a series of buckets mounted on a belt operating over a pulley.

Take-ups are provided as a means to compensate for variations in length of chain or belt due to temperature changes, atmospheric conditions, or wear.

A steel casing encloses the bucket line.

Head sections and boot sections house integral transmission components.

Material is fed into an inlet hopper. Buckets dig into the material, and convey it up to and over the head pulley, then throwing the material out the discharge throat. The emptied buckets then continue back down to the boot to continue the cycle.

A bucket elevator consists of a series of buckets attached to a belt or chain with sprockets located at the top and bottom of the unit. The buckets are located in a casing to contain the material.

Bulk materials are loaded into each bucket as the bucket moves past an inlet point.



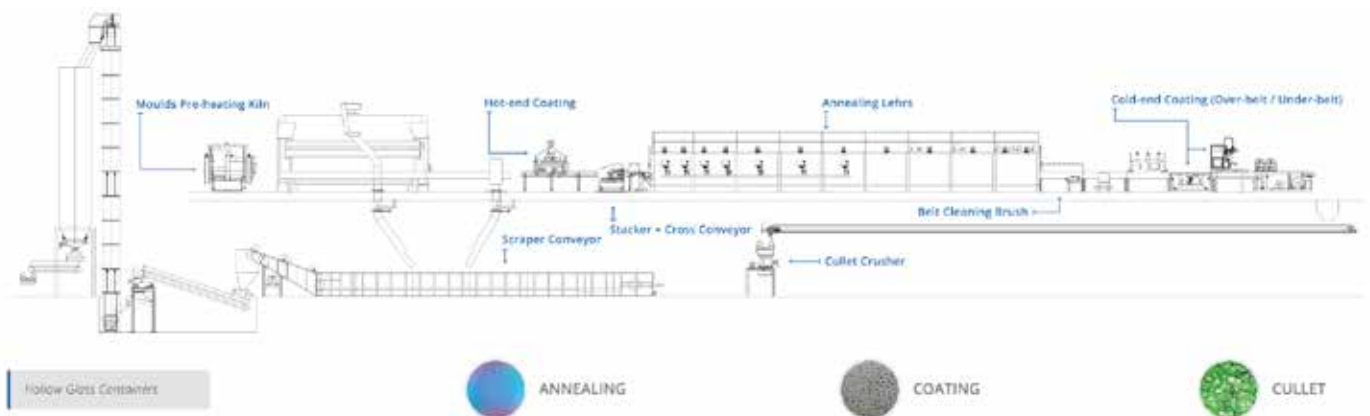
*Ideal solution for  
vertical transport of  
bulk material*

**This is a simplified online version.  
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