

# Climax Rainbow System

**An integrated system of case packing equipment to combine individual flavors/types into a consistent pack pattern creating a *RAINBOW* case**

The Climax Rainbow System is an alternative to hand-packing for rainbow cases. It is designed with the following **objectives** in mind:

- √ **minimize manual intervention**
- √ **coordinate all key functions**
- √ **flexibility to adjust to wide variety of rainbow applications (e.g. three to six flavor mix)**

## **Key Function Areas**

### **Flavor Staging**

- individual flavors are loaded onto staging conveyors
- indexers on the staging conveyors can be programmed to control proper sequence & timing

### **Climax Uncaser**

- properly sequenced cases are indexed into the Uncaser
- all containers of individual flavors are picked up and placed onto the Take-away Conveyor

### **Take-away Conveyor & Combiner**

- moves containers away from the Uncaser and thru combiner
- each flavor has its own dedicated lane
- multiple chains running at different speeds to help combine the containers into a single lane for each flavor

### **Flavor Mixer**

- counts and indexes the flavors into the proper sequence for a consistent rainbow pattern

### **Climax Packer**

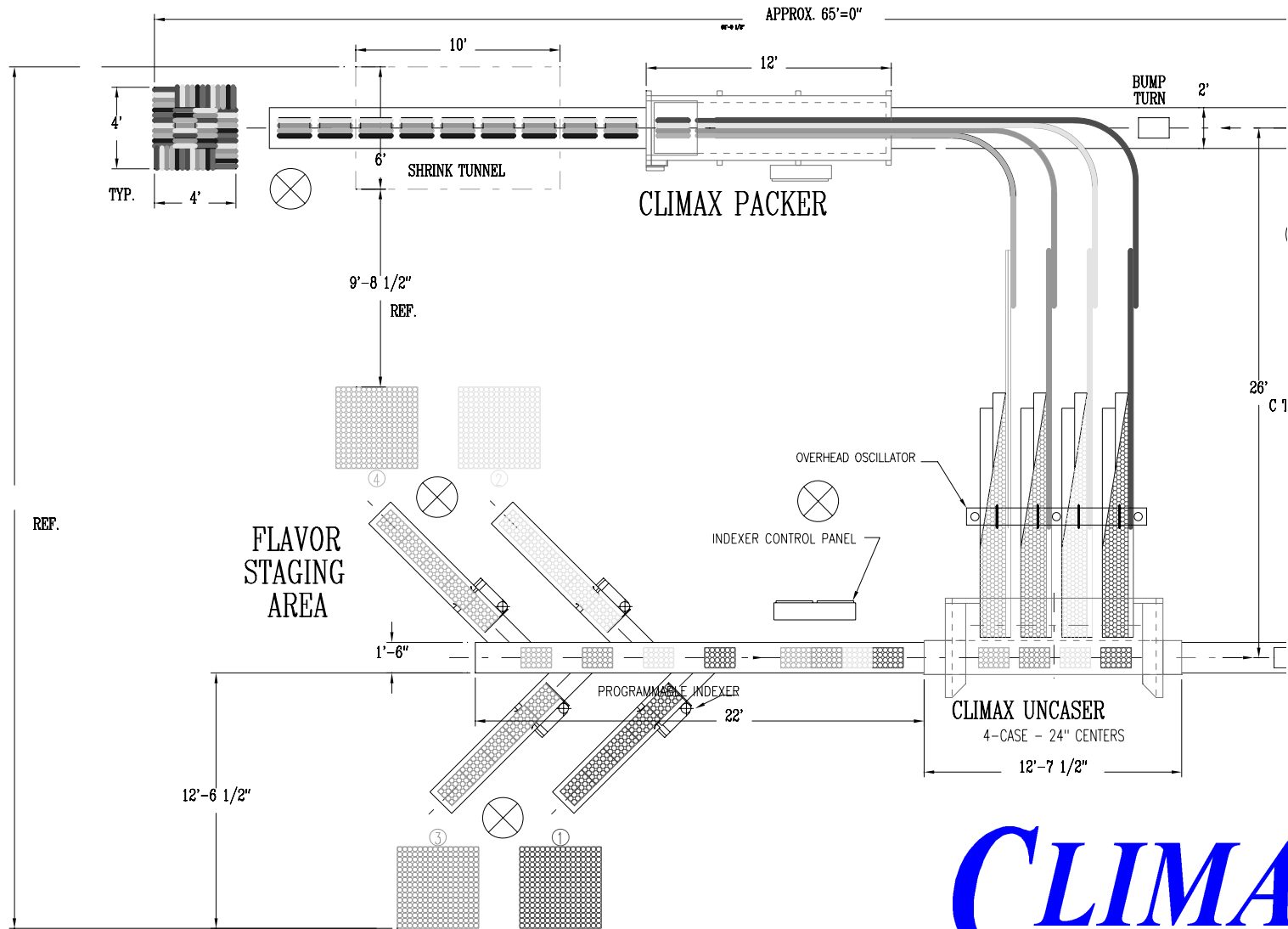
- cases or trays are packed with a consistent rainbow pattern

**CLIMAX**  
**PACKAGING MACHINERY**



25 Standen Drive Hamilton, Ohio 45015  
Phone: 513-874-1233 Fax: 513-874-3375  
[info@climaxpackaging.com](mailto:info@climaxpackaging.com)

# FOUR FLAVOR RAINBOW LINE'



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