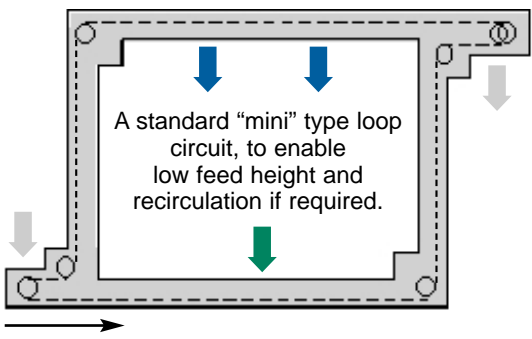


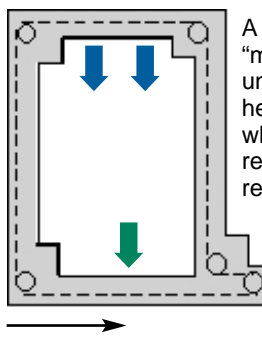


Bucket Elevators

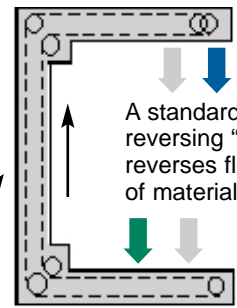
Circuit Configurations



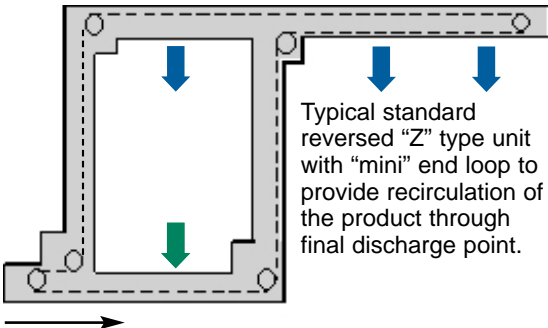
A standard "mini" type loop circuit, to enable low feed height and recirculation if required.



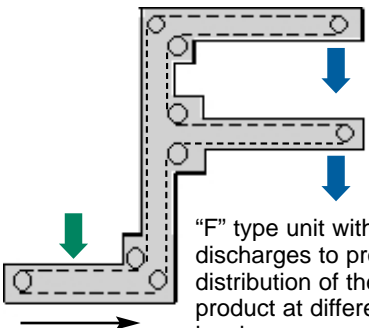
A standard "mini" type loop unit, low feed height and where recirculation is required.



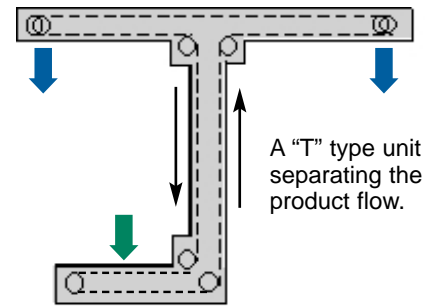
A standard or reversing "C" type unit, reverses flow of material.



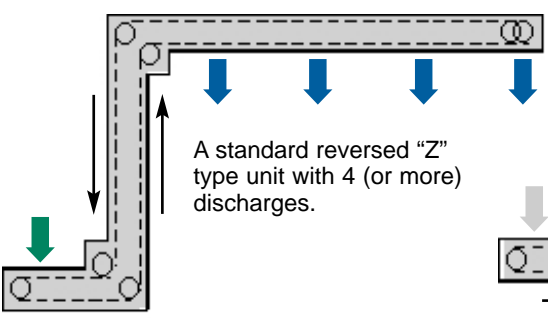
Typical standard reversed "Z" type unit with "mini" end loop to provide recirculation of the product through final discharge point.



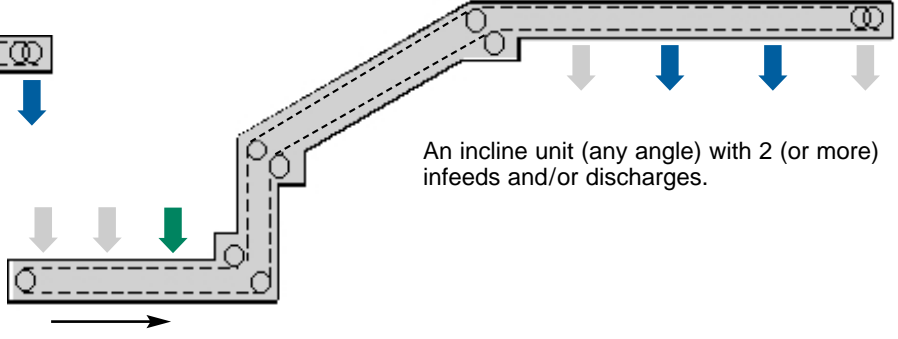
"F" type unit with two discharges to provide distribution of the product at different levels.



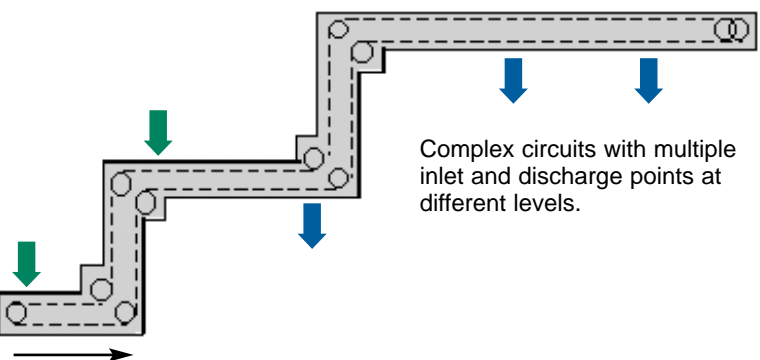
A "T" type unit separating the product flow.



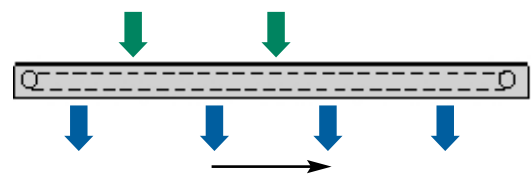
A standard reversed "Z" type unit with 4 (or more) discharges.



An incline unit (any angle) with 2 (or more) infeeds and/or discharges.



Complex circuits with multiple inlet and discharge points at different levels.



A horizontal distribution system with multiple infeed and discharge flexibility.

↓ Indicates additional infeed/discharge possibilities

Sprockets:

Load bearing sprockets reduce the friction as the chain changes direction. This design prolongs chain life and reduces maintenance.

Upward Facing Buckets:

Buckets remain upward throughout the entire circuit for cleaner operation.

Bucket Loading:

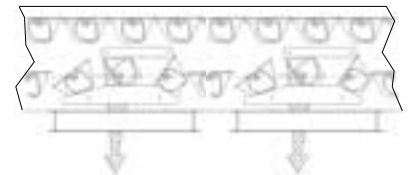
Buckets overlap at infeed to prevent spillage and system contamination. The elevator allows for controlled feeds at one or more locations. Flood feeding is not recommended.

Bucket Unloading:



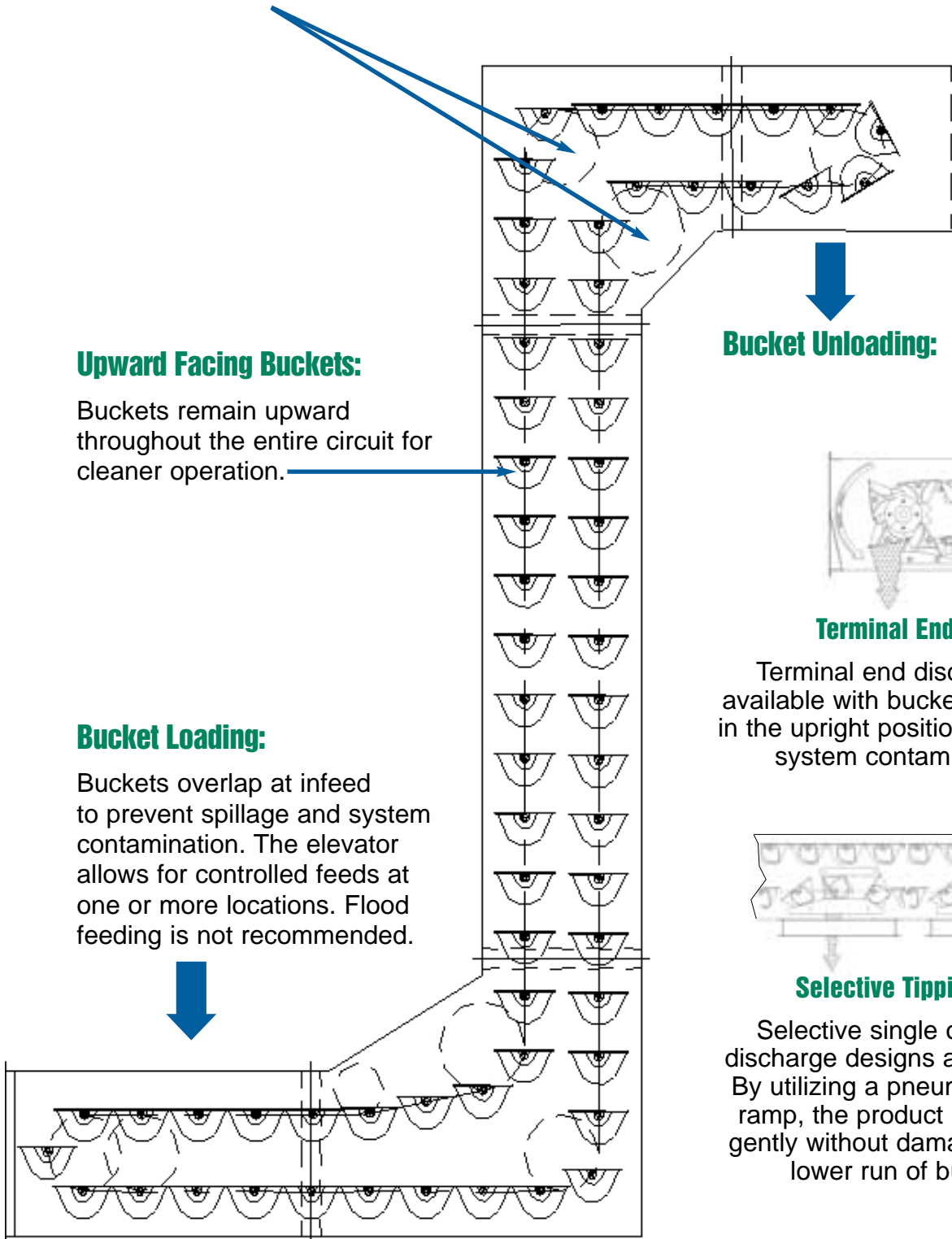
Terminal End Tip

Terminal end discharge is available with buckets returning in the upright position to prevent system contamination.



Selective Tipping Box

Selective single or multiple discharge designs are available. By utilizing a pneumatic tipping ramp, the product is unloaded gently without damage from the lower run of buckets.



Features & Benefits



Chains

- Plastic, stainless steel or carbon steel chains available to meet specific application requirements.
- No lubrication required on plastic chains.
- Strongest working load in the industry.
- Wash down capabilities for maximum cleanliness.
- Custom engineered to suit specific application requirements.

Buckets

- Sizes available from 9" to 48" wide. Capacities range from 0 to 2500 ft³/hr.
- Buckets utilize heavy duty trunnion design and pivot pins extending component life.
- Bucket components are replaceable to reduce maintenance costs.

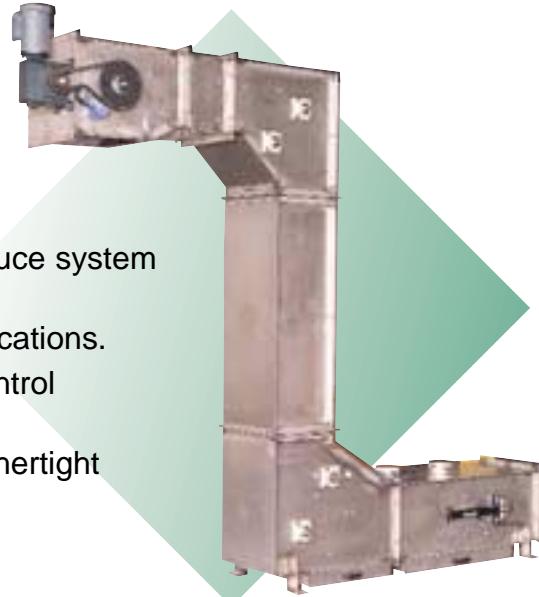


Chain & Bucket Materials

- Stainless steel
- Carbon steel
- Plastic
- Custom materials available

Totally Enclosed Construction

- Available in stainless steel and carbon steel.
- Dust tight design with extraction ports to reduce system contamination.
- Purge designs are available for volatile applications.
- Designed to handle high temperatures or control temperatures for critical processes.
- Units can be manufactured for outdoor weathertight installations.
- Easy access panels for simple maintenance.



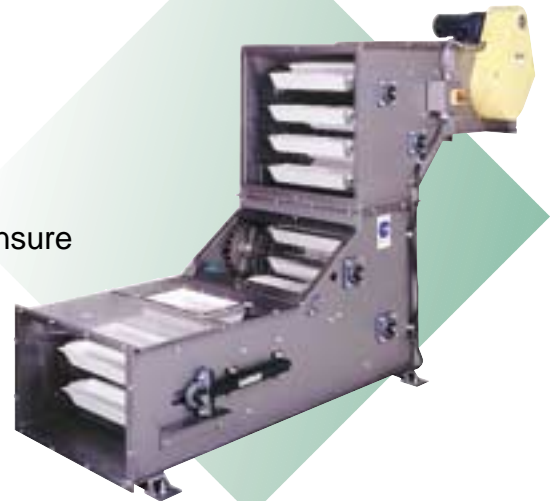
Sanitary, Tubular Construction

- Available in stainless steel and carbon steel.
- Ideal for applications where sanitation is extremely important; the tubular design eliminates “contamination pockets.”
- Design allows for easy cleaning and wash down.



Standard, Open-Folded Construction

- Available in stainless steel and carbon steel.
- Simple yet rugged design for tough applications.
- Gough utilizes a heavy gauge steel frame design to insure durability when high elevations and complex circuits are required.
- Open design beyond seven foot for ease of maintenance.
- Cover panels available in stainless steel, carbon steel and lexan.



Applications



**Confectionery
Products**



Chemicals



Cereal Handling



Food Manufacturing



Batteries

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