Applications

- Catalyst
- Chemicals
- Fertilizer
- Glass Cullet
- Metal Powders
- Ammunition
- Batteries
- Carbon Black
- Salt/Spices
- Snack Foods/Nuts
- Cereal
- Coffee/Tea
- Confectionery
- Pasta
- Pet Food

Features & Benefits

Construction

- Robust unit construction for durability and easy installation
- Multiple discharge and inlet feeds for customer flexibility
- Multiple cover options to meet specific application needs and ensure safety

Bucket Design

- Buckets remain upright throughout circuit to insure product integrity
- Smooth bucket surfaces eliminate product trap areas
- Various construction materials for buckets are available to meet specific process requirements

Patented Chain Design

- Heavy-duty chains for increased throughputs for increased production rates
- Various construction materials for chains to meet specific process applications and ensure long-life durability and reliability.

Sales & Service Support

- Gough Econ offers a variety of equipment to meet all your material handling needs
- An engineering and sales support staff with strong technical expertise ensures customer satisfaction
- A strong service organization offers unsurpassed post sales support and economical spare parts
Typical Engineering Data

**Construction:**
- Tubular, open, folded construction or totally enclosed designs available.

  *Construction Materials:* 11-gauge folded steel side panels with 14-gauge steel, stainless steel, or lexan cover panels.
- All elevators are covered up to 7'-0" for safety purposes.

**Bucket Design:**
- From 6" wide to 48" wide on 9" pitch

  *Construction Materials:* Carbon steel, stainless steel or polypropylene, as required

  *Tipping mechanism:* Individually replaceable tipping sprockets allow 360º rotation

**Sprocket & Shaft Design:**
- Easily removed sprockets made from steel (for steel chains) or a polymeric compound (for plastic chains).

**Sprocket/shaft bearing:**
- Sealed flange bearing

**Lubrication:**
- Lubrication required on CS & SS chains (Lubrication used depends on application)
- No lubrication required on plastic chain

**Temperature:**
- -22 °F (-30 °C) up to 230 °F (110 °C)
- 120 °F highest recommended temperature for plastic buckets
- Mild steel and stainless steel allow higher temperatures

**Finish:**
- Steel It™ air dry polyurethane

**Chain Design:**
- Pro-coated 3" pitch

  *Construction Materials:* Acetal plastic, carbon steel or stainless steel

**In-Feed Options:**
- Controlled in-feed recommended

**Discharge Options:**
- “Over the end” discharge.
- Single or multiple discharge(s) anywhere in circuit

**Drives:**
- Drive HP, voltage, etc. dependent on application. Motor drives into a gearbox, which is then transferred via transmission chain and sprockets. A torque limiter provides protection to elevator main chains and components.