Applications

- Catalyst
- Chemicals
- Fertilizer
- Glass Cullet
- Fiberglass
- Sand
- Salt
- Metal Powders
- Ammunition
- Batteries
- Carbon Black

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 ensure 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

Tough, Gentle, Clean

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Form: EconOLift/Ind .doc  Rev 1
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: Tipping sprockets allow 360º rotation

Chain Design:
3" pitch
Construction Materials: Carbon steel, acetal plastic, or stainless steel

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 or stainless steel allows higher temperatures

Finish:
Steel It™ air dry polyurethane

In-Feed Options:
Controlled in-feed recommended

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

Drives:
Drive HP, voltage, etc. dependant 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.