BROCK® Enclosed Roller-Belt Conveyor Systems offer you the added-value quality features and the rugged design needed for gentle, efficient and dependable conveyor operation:

• Galvanized steel construction.
• Clean, dependable, long-lasting operation with the conveyor’s totally-enclosed dust- and weather-tight design.
• Conveyors are computer-matched to the motor drive and gear reducers needed for efficient, energy-saving operation.

• Able to start under full load.
• Smoother belt operation is provided by Brock’s unique, heavy-duty idler pulley designs.
• Efficient, self-cleaning tail section recaptures grain spilled from belt.
• Inlets and head discharges are fully-lined with urethane for long life.
• Self-aligning, heavy-duty bearings mount on outside of conveyor’s housing for easy maintenance and monitoring, longevity and safety.

Features & Options

• Designed for Commercial and Mill Operations
  ◦ Reclaim Conveyor
  ◦ Fill Conveyor
  ◦ Transport Conveyor
  ◦ Multiple Commodities
• Gradual Inclines and Sharp Upbends
• Gravity Belt Take-Ups
• Intermediate Discharge Units
• Conveyor Sensor Options
• Conveyor Belting Options
• Removable Panels to Facilitate Belt Splicing
• Removable Panels for Return Belt Cleanout
• Inspection Doors for Safe Visual Check of Belt Alignment
• Intermediate Sidewall Inspection Doors
• Floor Supports and Hanger Brackets
• Self-Cleaning Tail Pulley Design
• Conveyor Skirting
• Easy Removal of Conveyor Trough Section Lids
• Hinged Tail Pulley Cover for Easy Maintenance Access
• Factory-Assembled in 20-ft. (6-m) Sections for Faster Field Installation
With the BROCK® Intermediate Discharge Unit, one enclosed roller-belt conveyor system can have multiple discharge points to easily service many bins! It is grain conveying at its best. Here is why:

• BROCK Intermediate Discharge Unit is easy to install and service.
• Works with BROCK Enclosed Roller-Belt Conveyors in belt widths from 26 to 54 inches (650 to 1350 mm) and speeds from 400 to 700 feet per minute (2.0 to 3.6 meters per second).
• Retrofits to existing BROCK Roller-Belt Conveyor Systems.
• No moving parts come in contact with the belt.

BROCK® Enclosed Roller-Belt Conveyor System’s rugged design.

**Specifications** - Brock takes a balanced approach to conveyors

A smooth-operating conveyor system happens only by design. For an enclosed roller-belt conveyor that provides longer bearing life, smoother operation and minimizes vibrations, Brock incorporated the following design features:

• Full-length shaft with positive-locking tapered bushings on idler pulleys provide uniform weight balance.
• Pulley and bearing shaft is 1-1/4-inch (32 mm) diameter for less deflection and longer conveyor bearing life.
• Idler pulleys in the conveyor’s standard intermediate 10-foot (3-meter) sections are mounted on 5-foot (1.5-meter) centers for efficient belt operation and less spillage between carrying and return belts. Other intermediate section lengths are available.
• Conveyor loading section features pulleys on 3-foot (914-mm) centers for uniform belt loading and support at load points.
• All idler pulleys are adjustable for belt training.

**BROCK® Enclosed Roller-Belt Conveyor System’s rugged design.**

**Brock Conveyor Capacities**

<table>
<thead>
<tr>
<th>BELT SPEED (Feet per minute / Meters per second)</th>
<th>400/2.0</th>
<th>450/2.3</th>
<th>500/2.5</th>
<th>550/2.8</th>
<th>600/3.0</th>
<th>650/3.3</th>
<th>700/3.5</th>
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<tr>
<td><strong>MODEL</strong></td>
<td><strong>UNITS</strong></td>
<td><strong>Bu/Hr</strong></td>
<td><strong>MT/Hr</strong></td>
<td><strong>Bu/Hr</strong></td>
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</table>

**BROCK® Enclosed Roller-Belt Conveyor System's rugged design.**

Electric-powered dual rack and pinion drive controls discharge car

Intermediate Discharge Section transfers grain from both sides of the belt to a single discharge under the conveyor

Impact points and discharge chute are fully-lined with urethane
A Full Line of Brock Solid® Solutions

Storage
- Stiffened & Non-stiffened Grain Bins
- Stiffened & Non-stiffened Hopper Bins
- Temporary Storage
- Bin Access Doors
- Grain Aeration Floors

Handling
- Grain Sweeps
- Grain Conveyors
- Bin Unloading Systems
- Bucket Elevators
- Distributors & Accessories

Conditioning
- Low-Profile Grain Dryers
- Tower Grain Dryers
- Centrifugal & Axial Fans
- Heaters
- Controls

Structures
- Catwalks
- Bucket Elevator Towers & Stairways
- EVERLOC® Roof Mount System
- Support Towers
- Slot & Tab Construction

Brock Solid® is our guarantee of trusted reliability you can count on day in and day out. It is the guarantee of unmistakable quality, built to last year after year. It is the same guarantee we founded the company on back in 1957.

That focus on providing dependability has resulted in the full line of grain facility solutions that are available today. You will find the quality you have come to expect and the trusted integrity you deserve. Brock Solid delivers. Always has, always will.

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