EFFICIENT & VERSATILE GRAIN HANDLING

It is the new look in enclosed roller-belt conveyors – a streamlined conveyor that offers versatility and helps you to efficiently handle various grains. With the new BROCK® Intermediate Discharge Unit, one enclosed roller-belt conveyor system can easily service many bins or silos! It is grain conveying at its best. Here is why:

- Innovative, compact Brock design is just 16 feet (4.9 m) long and adds only 14 inches (356 mm) to the conveyor’s overall height. This efficient shape allows several intermediate discharge units to be positioned closely together.
- Actuator-controlled plow is remotely activated using electric controls to smoothly divert grain without interrupting material flow.
- Simple, economical design requires low horsepower to operate.
- BROCK Intermediate Discharge Unit can be retrofitted to existing BROCK Conveyor Systems – including reversing conveyors.
- Made of galvanized steel, these intermediate discharge units have a dust- and weather-tight design for dependable, long-lasting operation.
- Works with BROCK Enclosed Roller-Belt Conveyors in a variety of belt widths from 18 to 54 inches (457 to 1372 mm) and speeds from 100 to 700 feet (30 to 200 meters) per minute.
- Self-aligning, heavy-duty bearings mount on outside of intermediate discharge unit’s housing for easy maintenance, longevity, and safety.
- Also available are a wide variety of Brock storage bins and silos along with accessory components such as sidewall ladders and safety cages, sidewall doors, ventilation fans and heaters, dryers, sweeps, receiving pit dust control system, and others.
- Planning assistance available.

Allows one conveyor to service many bins/silos

How it works

STEP 1: In by-pass operation, material flows through to the end of the conveyor.

STEP 2: In discharge operation, synchronized actuators raise belt support frame to flatten belt profile, and the curved discharge moldboard plow lowers into contact with conveyor belt to divert material and fines.

STEP 3: To return to by-pass operation, the discharge moldboard raises while the belt support frame lowers allowing the belt to return to its normal conveying profile.

BROCK® Intermediate Discharge Unit for Enclosed Roller-Belt Conveyors

Brock Manufacturing • A Division of CTB, Inc.
E-Mail: brock@ctbinc.com • Internet: www.ctbinc.com
Milford, IN • Kansas City, MO • Indianapolis, IN
Phone: 574-658-4191 • Fax: 574-658-4133
International inquiries call: 1-574-658-9323

BR-1836/202