

LUBING

BELT CONVEYOR
SOFT-RIDE™ EGG BELT CONVEYOR



RELENTLESS QUALITY. EXCEPTIONAL SERVICE.

OVERVIEW

The critical importance of conveying eggs from the laying houses to processing cannot be underestimated. Our egg conveying systems are designed and engineered for energy efficient, safe, gentle, and reliable handling of eggs.

LUBING egg conveying systems have established a strong position in the marketplace because of their exceptional quality, reliability, performance and trouble-free operation

Give your eggs the safest ride possible and protect the return on your investment with a quality system from LUBING.

Take-Up Cylinders

Self-adjusting pneumatic take-up for maintenance-free belt tensioning

End Unit

All stainless steel construction, tapered roller for efficient tracking and integrated self-adjusting belt scraper

OPTIONAL COMPONENTS

Drive / End Unit Frames



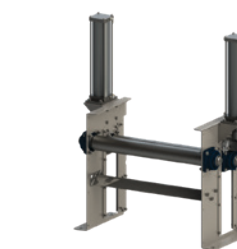
Custom mounting frames are based on individual needs and offer a rigid design and secure mounting. Custom frames are available from LUBING or prints can be provided

Diverter Arms



The optional diverter arms can be installed anywhere on the system. The 60-in long diverter allows the eggs to be moved slowly and gently on the belt, reducing the risk of checks.

Modular Take-Up Unit



Additional take-up units with self-adjusting pneumatic cylinders can be added to systems requiring additional take-up capacity. Drive unit ships pre-plumbed for two additional units.

Egg Belt

FDA/USDA approved PVC, eliminates cupping at edges, allows for high-strength splicing

24, 36, 48-in belt: 200-lbs strength (0.205-in)

Idler Unit

Made with all stainless construction and straight roller for smooth transfer and integrated self-adjusting belt scraper

Cantilevered Design

Allows drive unit location outside process area

Connecting Part Sidesheets

Made from anodized 6063-T5 extruded aluminum, profile design for rigidity and ease of transferring onto conveyor

PVC rollers with UHMW-PE Bearings

Low maintenance, smooth and quiet operation

Solid Steel Rollers

Made from high-strength 4140 steel for increased strength and less deflection

Pneumatic Panel

Compact, oil-less design for precise regulation of take-up cylinders, air filtration, mist separation and shut-off. Integrated ports can accommodate additional modular take-up units

Drive Unit

All stainless construction, tapered roller for efficient tracking and integrated self-adjusting belt scrapers

High-efficiency helical-bevel gearbox

7-1/2 HP inverter-duty brake motor

Double Spherical Roller Bearings

Allow greater flexibility for belt tracking

Drive Roller

Mine-duty vulcanized rubber with herringbone grooves
270 degrees of belt wrap



LUBING certified installation services are available upon request.

FEATURES AND BENEFITS

- Maximum operational safety and minimum maintenance
- Efficient design = energy savings
- Internal mount, compact design, takes up less space
- Anodized aluminum side sheets
- Automatic tensioning and self-adjusting pneumatic take-up
- Widths: 24, 36 and 48 inches
- Lengths: up to 2,000 feet

- Capacities: up to 600 cases per hour
- Special bearings designed to prolong shaft life
- Shafts consist of special grade material for extended operating life
- All connections are bolted for easy assembly and disassembly
- Belt is USDA/FDA approved

CAPACITIES

Width	Capacity
24" belt	300 cph
36" belt	450 cph
48" belt	600 cph

