

Bi-Directional Belt Feeders

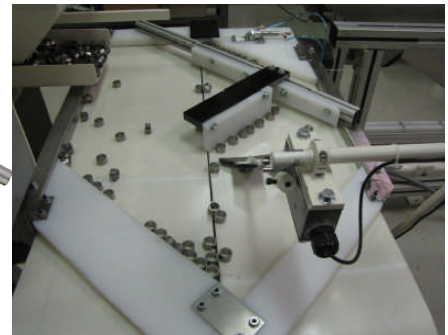
FEATURES :

- o Gentle bi-direction feed operation
- o Easily accessible tooling area
- o Adjustable tooling wall and tooling
- o Belt construction varies dependent upon application
(Typically Belt or Flat Plastic Chain)
- Easy to change tooling when part changes are made
- o Sizes are available as well as custom
sizing to suit needs.
- o Sizing is dependent upon part size, orientation
requirements and feed rate requirements.

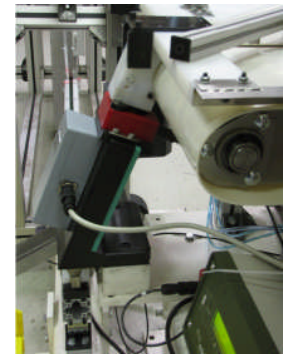
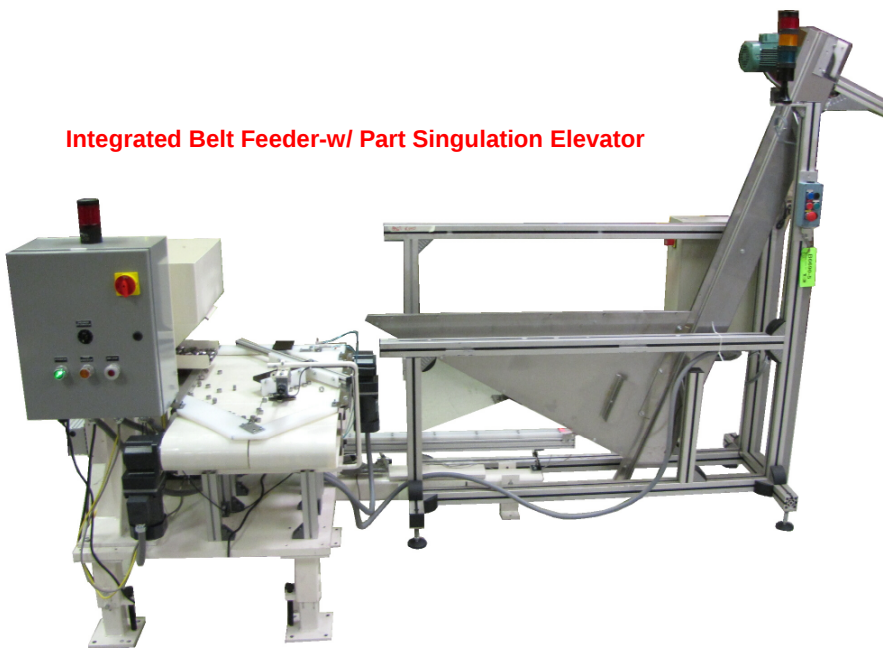
BENEFITS :

- Zero drop feed parts/packages/materials
- Non-marking
- Quiet non-vibratory operation
- Reduces manual labor
- Low maintenance direct driven belt design
- Handles heavy and low aspect ratio parts
- Handles high temp belt available
- Sanitary construction available

Bi-Direction Belt Feeder- Adjustable Tooling



Integrated Belt Feeder-w/ Part Singulation Elevator



Discharge Tooling to Eddy Current Inspection

Belt Feeder-Orientor Description:

Belt Feeders must be utilized with a Storage Unit, or some method to supply the bulk supply of random parts to this feeder in a controlled, metered flow. When parts, packages or materials are introduced into the feeder from a bulk supply source on a demand signal they are presented to the tooling wall area. The tooling is typically custom designed sort and effect the orientation of a range of part, package or material sizes. When properly oriented, aligned or sorted the materials, parts or packaged exit the tooling area and exit the feeder.

Belt Feeders can incorporate a number of different discharge track, conveyor, v-track or be integrated with process metering, inspection sortation systems, orientation automation or automated process loading devices.

Part & Package feeding & orientation for every industrial environment

Belts & Surfaces

USDA- FDA	Blue Belt
High Temperature	Plastic Molded

Typical Applications

Molded Parts	Pharmaceutical Packaging
Bearings	Tablets
Bearing Cups	Plastic Components
Bolts & Fasteners	Electronic Components
Ceramic Rods	Composite Components
Gears/Sprockets	Glass Bulbs
Spindles	Cups

Feeder size is dependent upon part geometry, orientation requirements and feed rate requirements.

Adjustable tooling can accommodate a wide range of parts, package or materials being fed.

Manual purge gate to quickly empty the system for change over



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