RoboShop Vibratory Conveyors include standard models and custom units designed to customer requirements. Applications ranging from very small to large components are easily handled by our unique patented design.

**FEATURES**

**VIBRATORY**
A direct replacement for belt conveyors - no belts or pulleys

**LOW PROFILE**
No motor - standard unit 4.5” high and 4” wide

**DURABLE**
Industrial nylon brush

**ELECTRO-MAGNETIC DRIVE**
Very durable, dirt and moisture resistant

**SPECIAL SECTIONS**
available for 30°-45°-60°-90° curved and U-turns

**CONVEY PARTS UPHILL**
Can be inclined to up to 20°

**VARIABLE FREQUENCY CONTROL**
Provides precise and stable speed control

**100% SAFE**
No guards required, no pinch points

**LOW MAINTENANCE**
Minimal moving parts

**FEED-RATES**
Up to 60 ft. per minute (part dependent)

**LOW POWER CONSUMPTION**
Less than 100 watts for a 12” W x 72” L section

**PLACE END-TO-END**
With 1/8” gap for long conveying needs

**STANDARD BASIC MODEL (shown right)**
- Available in sizes 4” to 12” W x 12” to 72” L
- UHMW poly side rails 1.5” High
- Two types of brush surface available
- 3/16” nylon fiber, general purpose
- 5/8” polypropylene fiber, heavy duty for rougher applications
PART FEEDER SYSTEM
MACHINE LOAD / UNLOAD

AUTOMATIC LOAD AND UNLOAD

IN-LINE BUFFER AND LOADER

TWO LANE EXIT FOR ROBOT LOADER FROM DUAL LOADING TABLE

HOPPER / RE-CIRCULATE AND ORIENT WITH EXTENDED EXIT TRACK

FEATURES
- Custom designed
- Full systems, controls included
- Part orientation as required
- Feed-rates, accumulation and storage capacity per customer spec.
- Simple interfacing to customer equipment
FLEX-FEEDERS
VIBRATORY RE-CIRCULATORS
FOR ROBOT / VISION APPLICATIONS

STANDARD UNIT
- 20" W x 40" L
- General purpose Re-Circulator

INCLUDES:
- 1 cubic ft. hopper
- Back-lit area - 8" W x 10" L
- Brushlon surface
- Elevated return for ‘part flipping’
- Controls and simple interface to customer robot

AIR CHAMBER OPTION
Separates and presents difficult parts such as O-Rings, gaskets, springs with a unique air blast chamber and back-lit vision / pick area

MINI-FLEX
- 8" W x 18" L
- .5 cu.ft hopper
- Small parts applications

CLEAN-ROOM FLEX-UNIT
For small parts with easy clean polycarbonate surface

CUSTOM UNITS
- Designed to customer specs
- Integrates to custom automation
- Options in sizes, materials etc.
RoboShop Vibratory V-Tracks are an excellent choice for moving cylindrical parts of any size or weight. Conveyors include Standard and Mini models along with custom units designed to customer requirements. Applications ranging from very small to large components are easily handled by our unique patented design.

**HEAVY DUTY**

![Image of Heavy Duty V-Track]

**FEATURES**

**VIBRATORY**
A direct replacement for belt conveyors - no belts or pulleys

**LOW PROFILE**
Standard unit - 5” high x 4” wide
Mini unit - 3.5” high x 2.5” wide

**DURABLE**
Industrial nylon brush

**ELECTRO-MAGNETIC DRIVE**
Very durable, dirt and moisture resistant

**SPECIAL SECTIONS**
available for 30°-45°-60°-90° curved and U-turns

**CONVEY PARTS UPHILL**
Can be inclined to up to 20°

**STANDARD BASIC MODEL** *(shown right)*

- Available in sizes 2.5” to 6” W x 12” to 72” L
- 3 types of surface available
- 3/16” nylon fiber, general purpose brush
- 5/8” polypropylene fiber, heavy duty brush for rougher applications
- UHMW plastic surface for special applications

**VARIABLE FREQUENCY CONTROL**
Provides precise and stable speed control

**100% SAFE**
No guards required, no pinch points

**LOW MAINTENANCE**
Minimal moving parts

**FEED-RATES**
up to 60 ft. per minute (part dependent)

**LOW POWER CONSUMPTION**
Less than 100 watts for a 12” W x 72” L section

**PLACE END-TO-END**
with 1/8” gap for long conveying needs
RoboShop Vibratory Hoppers offer a unique low-profile, no-jam alternative to bulky funnel hoppers. They are made with our unique vibratory feeders as the unloading base for our hoppers. This provides exact dispensing without over or under filling.

**HEAVY DUTY**
Unit shown below is 18 cu.ft. of storage at 1500 lbs. capacity.

**FEATURES**
- **CUSTOM DESIGNED**
  Built to fit customer requirements
- **LOW PROFILE**
  Made with low side walls to provide low loading height
- **DURABLE**
  Industrial nylon brush
- **ELECTRO-MAGNETIC DRIVE**
  Very durable, dirt and moisture resistant
- **DUMP-RATES**
  Easily adjustable by table level sensor and control interface
- **VARIABLE FREQUENCY CONTROL**
  Provides precise and stable speed control
- **100% SAFE**
  No guards required, no pinch points
- **LOW MAINTENANCE**
  Minimal moving parts
- **LOW POWER CONSUMPTION**
  Typically less than 2 amps at 120 Vac

**STANDARD BASIC MODEL (shown right)**
- From .5 cu.ft. to over 10 cu.ft.
- Aluminum, stainless steel or high-density polyethylene side walls options
- Standard 1/2” brush polypropylene fiber base or 5/8” polypropylene fiber, heavy duty brush for rougher applications
- UHMW plastic surface for special applications
RoboShop In-Line Feeders provide the capability to feed parts into a machine or process from a previous process or feeder, from short distances up to many feet. They are custom designed to fit user requirements and can feed a variety of parts, both small and large.

### Long Units
Low-profile - less than 3” high at over 6 ft. Our unique vibratory design provides even vibration throughout the length of the feeder and our variable frequency drives produce consistent feed rate throughout the length of the unit.

### Features
- **Custom Designed**
  Built to fit customer requirements
- **Low Profile**
  Custom units as low as 3” height
- **Electro-Magnetic Drive**
  Very durable, dirt and moisture resistant
- **Low Power Consumption**
  Typically less than 1/3 amps at 120 Vac

### Custom Designed (shown right)
- Lengths from 6” to over 6 ft.
- Multiple lanes
- Various surfaces available, ranging from stainless steel to UHMW plastics
- Adjustable rail options
- Units can be placed within 1/8” end-to-end for extra long conveying

### Variable Frequency Control
Provides precise and stable speed control

### 100% Safe
No guards required, no pinch points

### Low Maintenance
Minimal moving parts