

AUTOMOTIVE



*Building Customer Loyalty  
One promise at a time*

## Automotive Conveyor



BDI has been working with the Automotive industry for over 70 years!

Conveyor systems are integral to automotive production. BDI has a dedicated automotive sales and support team with the expertise and commitment to support the challenging requirements of reducing down time and improving system uptime.

### Supplier Partners

- Acco/Durr
- Acumen
- Anchor Conveyor
- Bleichert
- Cignys
- Dearborn Mid-west
- Falk
- Fata
- Flexlink/RailGlide
- Frost
- Jervis Webb
- Mayfran
- Morse/EPT
- Nexen/Horton
- Omni Metalcraft
- Philadelphia Gear
- Rexnord
- US Tsubaki
- Webster
- Wilkie Brothers



## Product Lines

### Bearings

- Cam Followers
- Flange Blocks
- Pillow Blocks

### Conveyor Chains

- Trolleys
- X-Type rivetless (X348, X458, X678)
- Enclosed track
- Flat-top
- Two-strand
- CC5

### Chain / Trolley Attachments

- Clevis pins C,H
- Master pins I, B
- Load bars

### Chain Assemblies

- Overhead
- Inverted

### Drive Components

- Pusher Dogs
- Cat chains
- Sprockets
- Backup bars
- Backup roller nest
- Gear Boxes
- Motors



**Bearings**



**Overhead Chain**



**Overhead Trolley**

### Lubrication Systems

- Conveyor Chain Lubrication

### Steel Hinged Belt

- Side wings
- Roller blocks
- Through pins

### Turns

- Roller turn rollers
- Roller turn bolts
- Traction Wheels

### Power Trolleys

- Overhead & Inverted
- 3", 4", & 6"

### Tow-Bar / Shocks

- Overhead
- Inverted

### Other

- Swivel Hooks
- King pins
- Shock Absorbers
- Pedestals
- Hand Push trolleys
- Wear Strips / Bars
- Take-ups



**Shock Absorbers**

# Automotive Expertise

## **Fast, reliable and experienced automotive team...**

Commitment to the automotive production facility is clearly demonstrated by the BDI Automotive Fulfillment Center centrally located in Troy, MI. This facility is staffed with a combined automotive experience of over 160 years and is backed by over \$3.5 million dollars in local inventory dedicated to the automotive industry. BDI's logistics capabilities can deliver critical components to most plants in North America next day or even same day when necessary.

As the preferred supplier to Tier 1 and Tier 2 automotive facilities, operating the Troy Automotive Fulfillment Center 24/7/365 enables all automotive facilities in North America, access to speak to a live person for product application questions, technical support questions, and emergency after-hours service.

**Troy Automotive Fulfillment Center: 800-266-5127**



**Troy, MI Fulfillment Center**

## **Knowledgeable, creative and proven belting specialists...**

### *Belting capabilities include:*

- Plant surveys
- Belt Tracking
- Pulley Crowns
- Conveyor Design
- Training Seminars
- Preventative Belt Maintenance
- On-Site Belt Splicing
- Belt Fabrications

### *Belting products include:*

- Light Duty / Heavy Duty Belting
- Plastic Modular Belting
- Wire Mesh Belting
- Teflon / Fiberglass & Silicone / Fiberglass Belting
- Profiled Belting
- Sheet Rubber
- Belt Lacing
- Timing Belts
- Custom Backings
- Pulley Laggings
- Belt Cleaners
- Belt Lacing
- Elevator Buckets
- Conveyors
- Take-Ups
- Belt Trackers
- Roll coverings



**Belt Lacing**



### **BDI's mission is to help:**

Minimize Downtime

Improve Operations

Upgrade Equipment

Share technological improvements

... and ultimately:

**Reduce the cost of daily operations!**



# Repair and Rebuild

*There's plenty of Cost Savings potential working with BDI!*

BDI continuously demonstrates documented cost savings through repair and rebuild services.

The cost to replace conveyor components critical to system operations can quickly erode maintenance budgets. BDI delivers significant cost savings by providing repair and refurbishment in the following areas:

## Component Repair

- Foreign and domestic Power and Free repair
- Ballscrew and Linear repair
- Bearing repair
- Clutch and Coupling repair
- Gearbox repair
- Roller and Pulley covering
- Hydraulic and Pneumatic repair
- Electrical repair
- Spindle and Live Center repair
- Motor repair

## Conveyor Repair

- On-site welding
- Lace repair
- Modifications
- Belt tension and tracking
- Mechanical repair
- Pulley Crowns



*Power and Free repair before and after*

## Reverse Engineering

BDI is skilled at upgrading the components of conveyor systems by providing more durable and long-life products. Automotive engineers and maintenance departments rely on BDI's capabilities to machine and fabricate components from prints, drawings and samples in order to eliminate the lengthy lead times from original equipment manufacturers.



## Automotive Conveyor Applications

Accumulating Dual Lane Conveyor

Accumulating Pallet Conveyor

Belt Conveyor

Chip Conveyor

Drag Conveyor

Flat Top Conveyor

Flat Wire Belt Conveyor

Gravity Wheel Conveyor

Inverted Power and Free Conveyor

Overhead Power and Free Conveyor

Power and Free Conveyor

Skillet Conveyor

Steel-Hinged Belt Conveyor

Table Top Conveyor

Transfer Conveyor

Urethane Timing Belt

Vibrating Conveyor





BDI ASSOCIATE



BDI is a full line distributor for Bearings, Mechanical and Electrical Power Transmission, Fluid Power, Sealing/Retaining/Locking devices, Industrial Hose and Fittings, Conveyor Belting, Linear Motion, and related industrial products.

Branches are located throughout the USA, Canada, Mexico, Europe and China.

**For more information on our Automotive Conveyor capabilities,  
please contact your local BDI account representative  
at the phone number listed below,  
or visit our web site at [www.bdi-usa.com](http://www.bdi-usa.com)**

*Branch label here*