

## CDLR / Chain Conveyors & Transfers Photo Gallery

### Dual Strand Plastic Chain Conveyor



### Non-Marking Chain Conveyor



Non-marking chains are designed to cushion delicate surfaces. These padded chains can greatly reduce scratching or damage that can come from using typical steel chain. The faraprene coating has a shore 90 "A" hardness and will also reduce noise levels. Non-marking chains are a great way to convey products, such as home appliances, that are medium duty weights and have finishes that can't be scratched or damaged.

### Extendable Chain Drag



The Extendable Chain Drag conveyor is designed to extend and retract in an 8' aisle. The conveyor is an 11' infeed section which is anchored to the floor and a 9' discharge section that travels in and out on a track. The 280 Chain Drag is retracted to gain access in an aisle and when extended is a bridge in the conveyor line.

### Chain Drag Conveyor w/ UHMW Attachments



A chain drag conveyor, model CD260, is modified with UHMW attachments, for conveying customer parts during assembly process.

### 2 Strand Chain Drag ZPA



This 2-strand chain drag zero pressure accumulation conveyor accumulates racks weighing up to 1500 pounds with NO back pressure. Unit includes No. 2060 chain, 1-1/2HP drive @ 35FPM and (2) 6-ft. long accumulation zones (mechanical clutch). Notice white powder paint and transition gravity rollers mounted outboard at infeed end. Zones are photo eye controlled. Unit is loaded from transfer cart and is unloaded by fork truck.

### 12K Power-Lift Conveyor



The 12K Powerlift is a model CD280 with optional heavy duty equipment. The conveyor incorporates a heavy duty hydraulic lift table designed to be placed at both the infeed and discharge end of the assembly line. Its purpose is to take the abuse from forklifts and control the way heavy loads are put on and taken off of the line.

### Cantilevered Chain Drag



This Chain Drag conveyor is cantilevered to unload heavy product from a cart. The cart fits under the conveyor where the product can easily be transferred onto.

### Gin Bagger w/ Chain Conveyor



A unique conveyor used for bagging heavy bales is the Roach Gin Bagger conveyor. On this conveyor heavy bales of cotton travel down a 2-strand chain conveyor until reaching staging point for funnel and bagging operation. Two chain driven U-shaped steel lugs travel between the strands and a single lug pushes each bale through a funnel device while a heavy poly bag is placed around the bale. Once through the tunnel and bagged, bales continue on the chain conveyor until reaching the discharge point where they are accumulated in upright position.

### 2 Strand Indexing Conveyor



This 2 Strand Indexing Conveyor allows products to singulate or individually accumulate. With no back pressure, this unit accumulates products in zones which includes a separate electric drive in each zone. Unit features 6" wide butyl belt with V-guides attached to bottom of belt for tracking and v-grooved pan for belt to track on.

## 2 Strand Indexing Chain Drag



This 12-ft. long 2-strand chain drag indexing conveyor allows racks weighing up to 1500 pounds to be accumulated by indexing conveyor forward. Unit includes No. 2060 chain and 1-1/2HP drive @ 35FPM. Notice white powder paint and transition gravity rollers mounted outboard at discharge end. Unit is loaded by fork truck and indexes racks forward until unit is completely full or until a rack is unloaded onto a 2-strand chain drag transfer cart.

## Modular Heavy Duty Product Line



This heavy duty conveyor is capable of handling 12,000 lbs unit loads at 12" elevation. The conveyor line is based around the 2-strand chain drag configuration and also consists of Lateral Transfer Cart, 3-Strand Chain Drag Transfer and a 3530 Roller Transfer. These conveyors are designed to handle heavy unit loads in a system environment.

## MDR CDLR Gravity Conveyor



This unit is ideal for handling pallets as they are being loaded or unloaded. The 24v Motor Driven Rollers allow for low profile design and easy operator control. The 192 Gravity pop-up transfer makes it possible to manually transition between conveyor lines.

## 12K Power-House 2 Strand Conveyor



The Powerhouse conveyor is designed to move massive loads on an assembly line weighing in excess of 12,000 lbs. It is a model CD280 2-strand chain drag conveyor with optional equipment added to support and move these loads. To withstand the weight, the frame and supports are a heavy-duty structural steel construction. The No. 80 chain carries the loads guided by removable steel wear strips and has a sensor that will notify the controller in the event a chain brakes. Also, there is galvanized traction tread grating mounted between the 2 chains.

## 12K Power-House 3 Strand Conveyor



The Powerhouse is designed to move massive loads between assembly lines weighing in excess of 12,000 lbs. It is a model CD380 3-strand chain drag conveyor with optional equipment added to support and move these loads. This CD380 is located perpendicular to the power transfers and transports the product between parallel assembly lines. Because the product is a rectangular shape the orientation has changed from length x width to width x length. The conveyor needed to be wider to accommodate this orientation which required an additional chain strand in the middle for support.

## 3530 CDLR 60,000lb. CDLR



Heavy duty structural side channels, supports, rollers, bearings and center rib allow this 3530 CDLR to convey 60,000 pound loads of sheet steel.

## Dual Lane 251 CDLR



This CDLR conveyor is moving product down an assembly line. The product is on a pallet with runners weighing 5000 lbs. The conveyor was designed so that the chain guards for the 251 rollers are mounted on the inside to allow more room for the operators on each side of the unit.

## 550 CDLR



This 5' section of heavy duty CDLR conveyor is placed in an area where an 8000 lbs. product is loaded from an overhead crane. The 550 CDLR was designed with structural channels and 5-1/2" diameter rollers to handle the stress of shock loading.

### The Bowtie Conveyor



The Bowtie conveyor is designed to convey pipe and other cylindrically shaped products. The trough shape of the roller allows the product to be conveyed with very little side-to-side movement. Angled lifting bars covered with UHMW wearstrip are raised so the rods will roll onto a decline table.

### 3530 CDLR Conveyor w/ Bearings Outside Frame



Heavy duty structural side channels, supports, rollers, bearings and center rib allow this 3530 CDLR to convey 4,500 lbs. Bearings mounted outside of the frame allow easier access for maintenance and upkeep.

### Multi-Strap Bundle Conveyor



The Multi-Strap Bundle Conveyor was designed to allow the operator to strap bundles of lumber together. The bundle of boards are moved onto the 15' long 251 CDLR conveyor where seven 30" tall channels with a radius bend and seven channels recessed in pocket cutouts allow the operator to feed strapping through and band the boards together.

### EZE - Reach Lift Table



The EZE - Reach Lift Table extends product up and over the side of the conveyor for the operator to work on, then places the product back onto the CDLR conveyor. Rollers are polyurethane-coated and the product rests are UHMW-lined to prevent product marking.

### Chain Driven 90 Degree Curve



For use in tight quarters, a specially designed 90° chain driven live roller curve meets this special requirement. Also included are optional white paint and vertical wheel guard rail. However in many similar applications, chain driven live rollers are used with a 90° chain transfer (model CT380) to make the curved transition.

### Custom Heavy Duty CDLR



### 400 CDLR Chain Driven Live Roller



This heavy duty chain driven live roller conveyor features 4' diameter rollers for heavy duty loads. The larger diameter rollers also raises the top of roller above the frame on BOTH sides to allow for true SET HIGH design. Notice inboard mounted flange bearings on side frame opposite chain guard/cover.

### Heavy Duty 3530 CDLR Modified for 20,000# Loads



This heavy duty chain driven live roller, model 3530CDLR has been modified for ultra heavy duty loading. Handling 10-foot long, 20,000 loads, unit has been designed with (4) 10" round x 4" wide tubes welded to each tread roller. Conveyor operates at 30FPM and is reversible with 3HP drive mounted underneath.

### 251 CDA w/ Side Mounted Clutch/Drive



This heavy duty chain driven live roller zero pressure accumulator includes side mounted clutch and drive for low profile applications. This conveyor is also a favorite with maintenance personnel because of its user friendly side mounted clutch assemblies and drive.

### 7 Strand Belt Transfer



The 7 strand transfer is moving steel, in the flat, off of a line shaft conveyor to be moved to the next stage of the manufacturing process. These strands have a 2" wide Nitrile roughtop belt to avoid scratching the metal while being transferred and have UHMW post which serve as a product stop. These 7 strands are spaced at varying distances to accommodate multiple lengths of metal up to 32 ft. weighing as much as 150 lbs.

### CDLR w/ RBT Transfer



The RBT provides an excellent method of transferring product at 90 degree angles. These transfers can be mounted in chain driven live roller conveyors. The transfer belt is a 3/8" polyurethane belt with an optional reversible direction of flow.

### Line Shaft w/ RBT Transfer



The RBT provides an excellent method of transferring product at 90 degree angles. These transfers can be mounted in line shaft conveyors. The transfer belt is a 3/8" polyurethane belt with an optional reversible direction of flow.

### Powered Roller w/ RBT Transfer



The RBT provides an excellent method of transferring product at 90 degree angles. These transfers can be mounted in powered roller conveyors. The transfer belt is a 3/8" polyurethane belt with an optional reversible direction of flow.

### CDLR w/ VBT Transfer



CDLR on 4-inch centers with pop-up VBT transfer allows multiple sizes of products to be easily handled.

### 10 Strand 90 Degree Belt Transfer



Designed to transfer various size products, this multi-strand belt transfer is over 6 feet long with strand centerlines ranging from 12" to 48". Unit features 2" wide 3-ply poly #135 brown nitrile roughtop belting with recessed lacing and B-section V-guides molded in center of lower FS side of belt for tracking. Transfer features pivot type lift and mounts into model 196LR belt driven live roller with 6" wide belting. Optional blue powder paint and optional yellow powder paint on chain guards/covers shown. Also, orange roller covering is 1/8" thick Kastalon, which protects product when conveyed on model 196LR.

### 3 Strand 90 Degree Slat Transfer in 3509 CDLR



This specialty transfer conveyor transfers products at 90-degrees. The transfer is mounted below the top of the conveyor roller and is raised pneumatically to move the strands above the top of chain guard to transfer product 90 degrees. The transfer is reversible and includes a driven relief section to bridge the transition to chain conveyor, which provides the conveyed product a smooth transition.

### 5 Strand 90 Degree Wheel Transfer



This specialty transfer conveyor transfers products at 90-degrees. The transfer is mounted below the top of the conveyor roller and is raised pneumatically to move the strands above the top of chain guard to transfer product 90 degrees. The transfer is reversible and includes a driven relief section to bridge the transition to chain conveyor, which provides the conveyed product a smooth transition.

### Integrated System Transfers



### 3 Strand 90 Degree Wheel Transfer



Wheel transfer shown above is designed to mount within conveyor frame (BF). This transfer includes positive pneumatic lift to raise strands above top of roller to transfer product at 90 degree intervals. Wheel transfers are generally mounted in gravity conveyor applications. Rated capacity is 500 pound unit load.

### 12K Power Transfer Conveyor



The Powertransfer is a CT380 mounted within a 2-strand chain drag conveyor. The first power transfer is located at the end of the first assembly line. The hydraulic-lift raises 1" and transfers the product onto a CD380. The next CT380 transfers product off the 3-strand conveyor and lowers to move onto the next assembly area.

### Custom 90 Degree Transfer

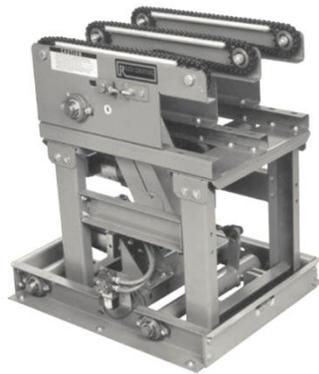


### Pallet Lift



This heavy duty pallet lift is mounted between strands of 2-strand chain transfer, model CT280. A 2000# pallet moves into position on the CT280 transfer and moves above the pallet lift. When a second pallet moves onto the transfer, first pallet is raised above transfer by the pallet lift until the second pallet is in transferred position.

### 3 Strand 90 Degree Chain Transfer



Chain transfer shown above is designed to mount within a conveyor frame (BF). This small transfer includes No. 60 chain and positive lift device. Transfer is raised pneumatically to move the strands above the top of roller to transfer product at 90 degree intervals.

### Heavy Duty Chain Transfer Conveyor



This Transfer Conveyor was a part of a large system of heavy duty CDLR Conveyors going in and out of a oven/curing station.

### 297 CDLR w/ Transfer Cutouts



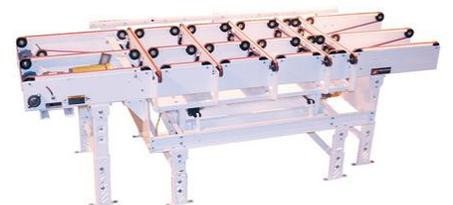
Heavy duty chain driven live roller conveyor, model 297CDLR, features cutouts in side frame for mounting 2-strand 90° chain transfer. A product is transferred 90° from or to the chain driven live roller conveyor via chain transfer conveyor. Chain transfers are commonly used in tight quarters where use of large-radius 90° or 180° curves is not feasible. Chain transfers may also be utilized to station several conveyor lines side-by-side and mount a common chain transfer across each conveyor line to transfer product to or from any pre-determined conveyor line.

### CDLR w/ Chain Transfer



This featured packaging cell is a fully automated conveyor system we recently finished for an auto manufacturer in the southeast part of the United States. The customer had very little floor space to work with and wanted to integrate the ability to load and unload the container by forklift while maintaining a safe work environment for the assembly operators while loading the container.

### Glass Handling Cross Section Transfer



Non-marking Power twist belts provide minimal points of contact on the glass panels and reduce the chance of breakage or scarring.

### Glass Handling Inspection Station w/ Reject Transfer



Polyurethane bands are located on rollers to provide minimal points of contact on the glass panels and reduce the chance of breakage or scarring. Non-marking Power twist belt can be used to transfer the glass panels to and from the inspection table and the conveying line.

### 2 Strand 90 Degree Chain Transfer



This 2-strand chain transfer moves product 90° and is mounted in model 297CDLR. Reversible with center drive, this transfer includes positive lift allowing both ends of the transfer to raise approximately the same amount when transferring product. The new design of this transfer allows 6-inch roller centers on the CDLR conveyor in which the transfer is mounted.

### Flat Board Process Line w/ Pop-Up Transfers & CDLR Conveyor

