

Belt Conveyors Photo Gallery

The Aqualine Conveyor



The Aqualine is a chain drag 280 carrying tubes through a washer where the conveyor is exposed to soap and water. The conveyor is zinc plated to prevent corrosion and is driven by a washdown duty motor. The chain is an Aqua Series which is also corrosion resistant and has UHMW grooved cleats made to cradle the product.

Custom Fiberglass Handling Belt Conveyor



3-Lane Belt Incline Conveyor



The 3-Lane Belt Incline Conveyor was designed to be used in our facility at Roach Manufacturing. This incline conveyor handles cut metal coming off the Shear and carries the pieces up to the next conveyor eliminating the task of workers bending over and lifting heavy material. The 120" overall width makes it possible to handle a wide range of lengths. This conveyor could be easily adapted to handle other products where repeated lifting is performed by workers.

10- Strand Belt Conveyor



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

Robotic Load/Unload Interface Belt Conveyor



350SB w/ Optional Center Drive



Model 350SB is shown above with optional center drive. This optional feature is also included in Roach 24 Hour Shipments. Center drives are commonly used when applications are reversible OR on long conveyors when additional belt take-up is needed. The center drive assembly offers 24" of belt take-up.

751 RB 1,200 lb. Conveyor



Heavy duty structural components allow this 751RB to convey 1200 pounds of sheet steel at 300 fpm.

350BSB w/ Pneumatic Lift



This 350BSB medium duty box style slider bed belt conveyor features a 4" dia. end drive complete with 1/3HP motor and also a pneumatically actuated lift mounted underneath conveyor at infeed end. When activated, dual pneumatic cylinders raise or lower the infeed end for customer's specific operation.

PC-F w/ UHMW Cleats



Parts conveyor with feeder, model PC-F, is shown with OPTIONAL UHMW cleats, beige powder paint and overhead mounted end drive. PC-F's are often used to convey small parts. However, this conveyor was designed and used for conveying clear-plastic wrapped packages of Handi wipes®.

PC-F w/ Overhead Drive



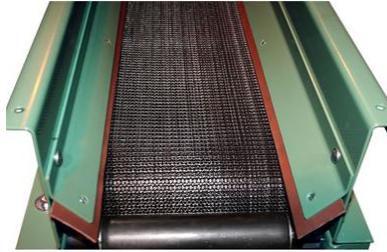
Parts conveyor with feeder, model PC-F, is shown with OPTIONAL overhead mounted end drive. PC-F's are often used to convey small parts. The feeder section of this unit is ideal to place beneath other machinery for stampings or misc. parts to fall onto and subsequently dumped into hopper.

Non-Marking Small Parts Conveyor



A UHMW lined hopper has been attached to a PC conveyor to handle small parts that are easily damaged. This non-marking covering is on all impact surfaces of a metal hopper which helps protect the finish of the parts as they are dumped to be carried up a 54 degree incline conveyor. This PC conveyor has a #533 black trackmate belt with 1-1/2" molded cleats to move the parts to a line where they are packaged and shipped to the customer.

Selvage Guards



Selvage guards are useful for conveying applications where the product being conveyed is relatively small, such as machine parts. Selvage is a strong, firm material but also retains a degree of flexibility. This allows the strip to keep the product from falling off the conveyor while also minimizing damage to the belt from a trapped product. In this case, Selvage guards are used on a 751RB where parts are shock-loaded and the conveyor is on an incline.

Troughed Roller Bed



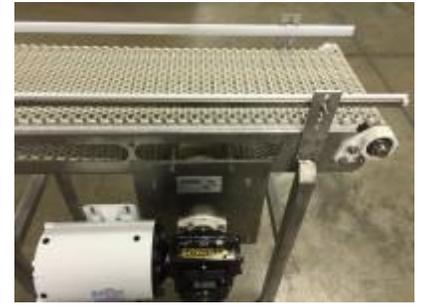
This is a heavy duty troughed roller bed belt conveyor shown in Power Assembly Department No. 1. Unit also includes special tubular guards for conveying large diameter rolls and structural frames for increased durability.

HD Troughed Roller Bed



This heavy duty roller bed belt conveyor features troughed rollers and durable, structural frames with heavy duty tubular guards. Products conveyed are heavy ROLLS of denim up to 40" in diameter in 76" lengths weighing up to 1500 lbs.

Stainless Steel Frame w/ Plastic Belt



This Stainless Steel Plastic Belt Conveyor was built to convey frozen foods without damaging the packaging and product. The UHMW guides keep the product in route without rubbing the product labels off the container.

Plastic Belt Conveyor w/ Rollers



Plastic belt with integrated rollers at a perpendicular angle to the conveying direction. Facilitates easy transferring of product onto and off of the conveyor.



Tire Centering Device

The tire centering device will align tires in the center of the conveyor to be unloaded by robot. As tires move into the centering area the paddles clamp onto the tire placing it in the center. The 52" wide series 400 roller top belt allows the conveyor to operate continuously while the tire is clamped in place. Roller top belt has also been attached to the face of the paddles to aid in alignment.