

Solution Guide



uni Light CR
Straight Running Belt

- Industry > **Bakery**
- Application > **Depanner**
- Description > **Baked Bread/Buns are taken off the pan by suction cups and moved up an incline to the packaging area**

This uni Light CR (Closed Rough Top) belt is used for added friction to move the buns up the incline. Often there is a small transfer using a nosebar.



uni Light CR moving buns up an incline

Problems

- > **Problem 1**
Traditional fabric rough top belts have tracking problems which can lead to belt contact with the conveyor frame causing fraying of the edges. This is a food safety and a maintenance problem.
- > **Problem 2**
Conveyors with rubber top lose friction over time because oils from the buns can coat the rubber.
- > **Problem 3**
Transfer points must be small and gentle to prevent damage to the buns.

Solutions

- > **Solution 1**
The uni Light sprocket engagement system tracks the belt from side to side and gives positive drive without slippage. Frayed edges are not a problem with uni Light.
- > **Solution 2**
uni Light CR (closed rough top) relies on a textured surface for friction, rather than from the grip of rubber. Oil has less of an effect on the friction of the textured surface.
- > **Solution 3**
The small pitch of the uni Light allows the use of a 1- 1/8 in. nosebar to transfer the buns.