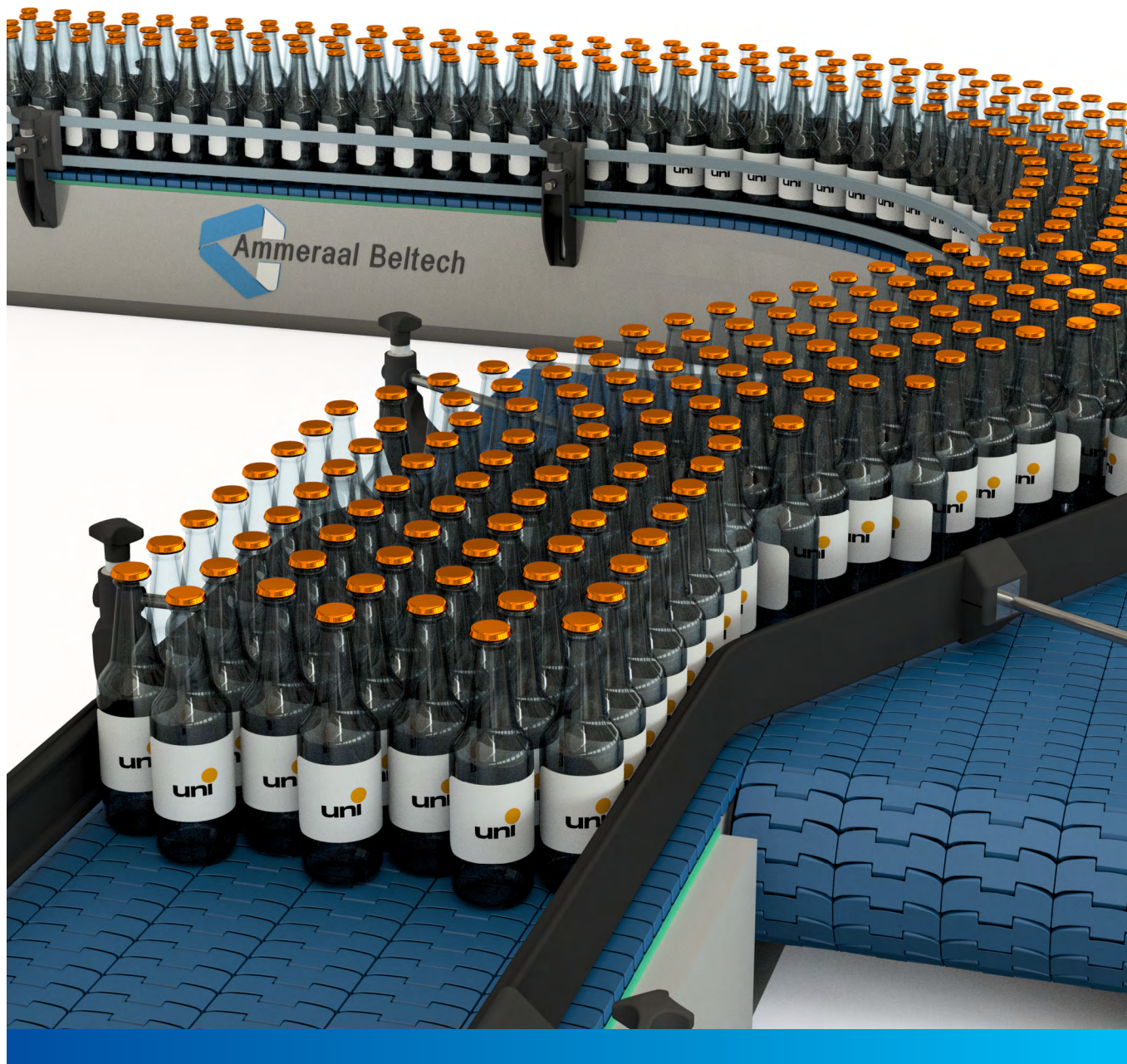


## uni 253 & uni 255 Series: Reliable, Stable, and Efficient Choice



# Striking the Right Balance - Plate Thickness and Lower Weight

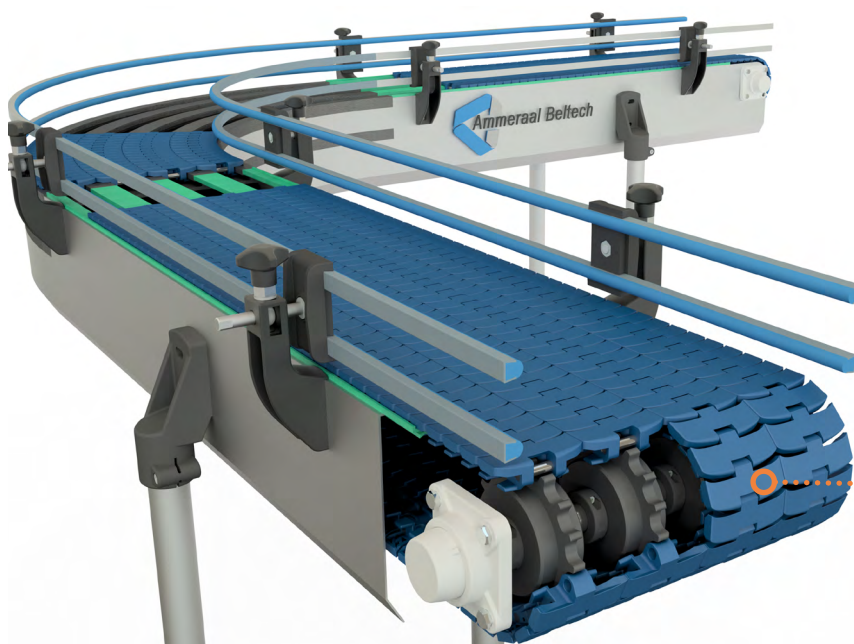
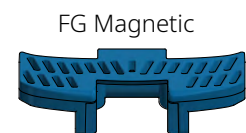
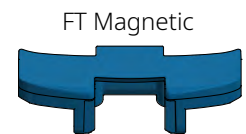
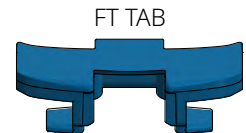
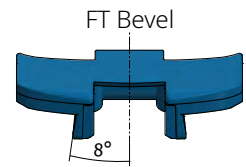
Boasting extensive experience and a solid reputation for reliability and excellent service in the operation of Modular belts, Ammeraal Beltech has developed improved Side Flexing Chain Belt designs to **overcome the challenges** faced by the bakery, the beverage, and the glass container manufacturing industries: the **uni 253 & uni 255 Series**.

## Meticulously engineered for precision

Tailored to meet the essential requirements of our valued customers, the uni 253 & uni 255 Plastic Chains are purpose-designed solutions that exceed industry standards.

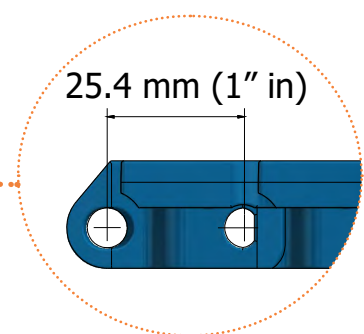
With a specific focus on **plate thickness**, these series ensure numerous advantages in terms of performance, durability, and overall efficiency, complemented by an innovative design that results in a **lower weight** when compared to their predecessors.

These side flexing chain series guarantee outstanding **product stability** during lateral movement and seamless transitions between chains and modular belts, ensuring the utmost **safety of your products** throughout the entire conveying process.



## Why choose the uni 253 & uni 255 chain belts?

- Lightweight yet robust design
- Superior stability
- Lower total cost of ownership (TCO)



Chain Series	Available Widths [mm]	Available Widths [in]	Pitch	Plate Thickness
uni 253 FT Bevel	83.8 - 114.3	3.30 - 4.50	25.4 mm (1" in)	8.7 mm (0.34 in)
uni 253 FT TAB	82.6 - 83.8 - 114.3 - 190.5	3.25 - 3.30 - 4.50 - 7.50	25.4 mm (1" in)	8.7 mm (0.34 in)
uni 253 FT Magnetic	83.8 - 114.3 - 190.5	3.30 - 4.50 - 7.50	25.4 mm (1" in)	8.7 mm (0.34 in)
uni 253 FG Magnetic	83.8 - 114.3	3.30 - 4.50	25.4 mm (1" in)	8.7 mm (0.34 in)
uni 255 FT TAB	83.8 - 114.3	3.30 - 4.50	25.4 mm (1" in)	12.7 mm (0.50 in)
uni 255 FT Magnetic	83.8 - 114.3	3.30 - 4.50	25.4 mm (1" in)	12.7 mm (0.50 in)

FT = Flat Top ; FG = Flush Grid



# The optimal choice for the bakery, beverage, and glass container manufacturing industries

Here are some main application examples:



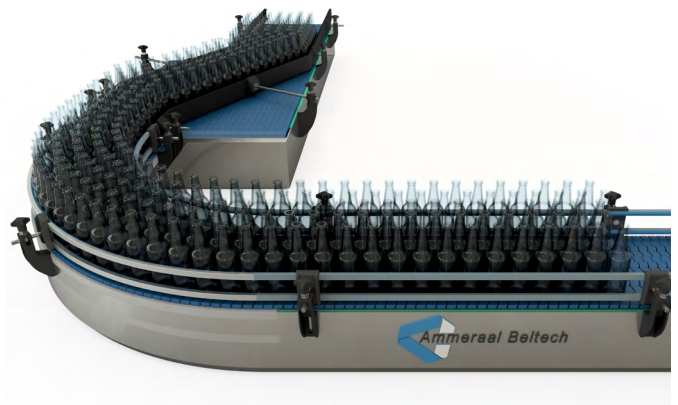
## Bakery Industries

Whether facilitating the smooth movement of general metal pan conveyors or ensuring efficient infeed/outfeed operations for ovens, our chains are tailored to deliver precision, reliability, and optimal performance.

These series are **designed to withstand high working temperatures and abrasive environments.**

## Beverage and Glass Container Manufacturers

The uni 253 and uni 255 series, with their 25.4 mm (1" in) pitch, improved **top flatness**, and **minimized gaps** between flights, reduce the polygonal effect and pulsation risk. This optimizes container handling and minimizes downtime resulting from product spillage. Ideal for both low and high-speed lines in single-track and mass side-flexing conveyor systems, they offer a **thicker flight**, compared to traditional slat top chains, for an extended lifespan and durability even in challenging conditions such as broken glass on the conveyor.



The standardized dimensions ensure **compatibility with modular belts**, providing a stable solution for efficient and safe product transfer.

## Discover the benefits of uni 253 & uni 255 Series

Characteristics	Advantages
<b>Optimal Performance and Reliability</b>	· Crafted for a wide range of demanding applications: low and high speed, and mass and single conveyors on both side-flexing and straight running lines.
<b>Stability</b>	· Smooth transport of delicate goods with top flatness and reduced gap links. The 25.4 mm (1" in) pitch minimizes tension fluctuations, ensuring precise and consistent product conveying.
<b>Ultimate Wear Resistance</b>	· Heavy-duty thickness enhances wear capacity, withstanding the rigorous demands of your manufacturing processes.
<b>Energy Savings</b>	· The innovative design offers lightweight durability, improving overall production line efficiency without compromising strength and performance.

Say goodbye to disruptions, choose our uni 253 & uni 255 Series for **unmatched product stability!**



## Discover Your Local Contacts

The local partner of choice  
for sustainable conveyor belting solutions  
- around the globe.



**General contact information:**

**Ammeraal Beltech**

P.O. Box 38  
1700 AA Heerhugowaard  
The Netherlands

T +31 72 575 1212

[www.ammeraalbeltech.com](http://www.ammeraalbeltech.com)



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and find your local  
contact

