

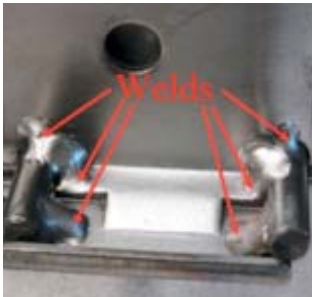
GEA Q-belt™

Outlasts and outperforms existing self-stacking belts

In touch with our technology

Robustness, reliability, extended belt life

As a result of its unique robustness and interlocking design, GEA Q-belt represents an even more reliable stacking system. Our enhanced patented engineering design and automated precision manufacture assure robust, more stable stacking and minimize friction between individual tiers of long conveyor belts.



Multiple welds for stronger assembly (patented)

- Each link is welded to the rod at 7 points

The GEA Q-belt is available in all standard widths and tier heights. It functions effectively with all OEM drive systems, enables replacement of individual belt sections, and allows exchange of entire belt systems without system modification. The features and characteristics of the GEA Q-belt are sure to significantly improve your freezer operation, dependability, and longevity.



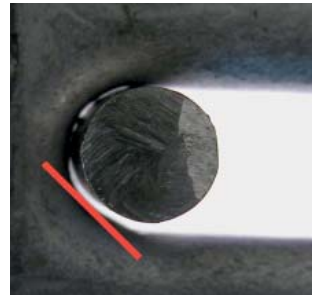
Strongly welded tabs for more link stability (patented)

- Tabs are welded to the rod to prevent bending



Enhanced interlocking between tiers for greater stacking stability (patented)

- All contact surfaces are fully integrated in link foot profile



Form-fit engagement in slot to reduce wear (patented)

- A flat section tangent to the radius is at the end of the slot to allow a precise fit between link and rod
- The "click" at rod engagement is our guarantee to lengthen belt life



Large contact area between tiers to reduce wear on rods (patented)

- Contact area runs over the total link length, not limited to contact points on rods
- Contact area is 10 times larger than belts with tiers standing on rods

As a result of its patented features, the GEA Q-belt has proven to be more durable and more dependable than any other self-stacking conveyor belt. As one customer from Trident Seafoods put it simply:

“The belt went in flawlessly and has performed perfectly since it was installed”.

Long years of experience in the manufacture and application of self-stacking conveyor belts, and the service network of GEA Refrigeration Technologies, guarantee you optimum belt replacement while minimizing your downtime.

GEA Q-belt Technical Data	
Material	Stainless steel AISI 304 (1.4301): links, rods, and mesh
Rod size	5 mm
Wire mesh	6, 9, 13, or 18 mm
Link height	40, 60, or 80 mm
Belt width	420, 510, 580, 600, 640, or 760 mm
Belt turn	Running around to the left or right (belt collapsing on both sides)
Turn ratio	1.7
Warranty	50,000 hours or 10 years



Option: Collapsing belt take-up (CBTU) / no-tension belt return

Our no-tension belt return (CBTU) – designed for the GEA Q-belt and any self-stacking belt that can collapse fully on both sides – can replace your outdated counterweight system and offers with its precise belt run a more dependable operating system and significant extension of the life cycle of your conveyor belt.

The CBTU minimizes unplanned maintenance and reduces belt wear. Without rollers or counterweights, it features a simple belt path that allows the GEA Q-belt to push itself much of the way without undergoing unnecessary wear and stress. With up to twice as much belt storage, the CBTU seldom requires unplanned belt length adjustments.



Excellence

Passion

Integrity

Responsibility

GEA-versity

GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX Europe 600 Index.



www.gearefrigeration.com