

Conveyor Belting

Solutions and Components

General
brochure



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 **BROEKEMA**
Conveyor Belts

Conveyor Belting, Solutions and Components

Reliable Belting is Precision Engineering



The main reason why we manage to distinguish ourselves from competition is when it comes to quality and innovation.

We do this with Powerful Technology and Durable Solutions.

Quality and innovation

Quality standards for conveyor belting are continuously being raised: reliability is more and more becoming an issue. To meet the ever increasing demands on our products and organization, Broekema continues to invest in new technologies, education and innovation. The most important components of our products are developed in-house, or by sister companies.

Applications



Washing & draining

Draining water and drying with air-flow is very efficient with Broekema products. Broekema offers a large variety in surface treatment and coatings, as well as different grades of steel: stainless, spring steel, plated or heat-treated. Our metallurgists have solutions for any problem you are faced with.



Agriculture

As the pioneer in rod conveyor belting, Broekema traditionally is market leader in harvesting applications. Any product being collected into trucks or a bunker can be conveyed and separated from water, sand or dust. As a result, Broekema is the preferred partner of the larger part of European and American OEM's for harvesting equipment.



Environmental and recycling industries

Conveying domestic waste is challenging for any type of conveyor belt. The mix of acids, oils and fat is an impossible combination. Glass and opened cans can damage regular belting permanently. Steel rods are more resistant to mechanical abuse.



Meat, poultry & fish

(Stainless-) steel rods have the most pure surface to carry foodstuffs: no contamination of plasticizers and extremely easy to clean. Where modular belting is subject to continuous wear and always needs tensioning, rod conveyor belting is more-or-less maintenance-free.



Food processing

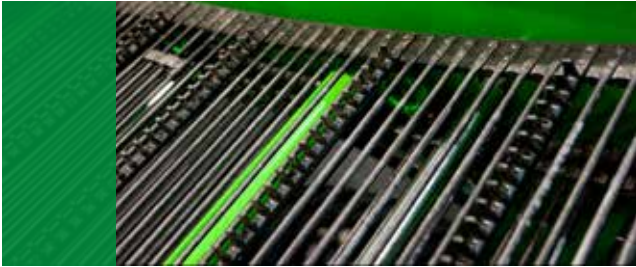
Washing and drying of fruit & vegetables, processing of shell- and sea fish, drying- and cooling processes are typical examples of applications where rod conveyor belts excel. Round stainless steel rods are easy to clean, very resistant to cuts and abrasive influences. Therefore very suitable for many applications in food processing: hygienic, reliable and durable.



Heavy industries

PVC and rubber conveyor belts suffer in applications where abrasion is wearing covers, if products are loaded side-ways onto belts and when belt slip appears to be a problem. Broekema belts, combined with our driving systems will work under the most difficult circumstances.

Product Lines



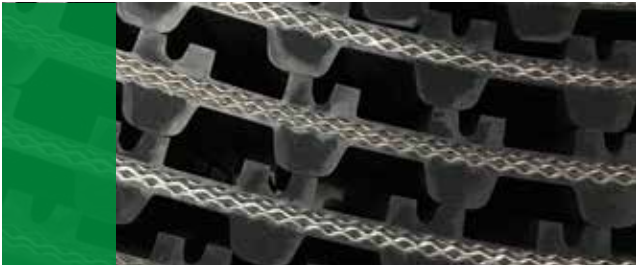
Rods and covers

- (Stainless-) steel rods
- Twin-rods with smaller gaps
- Cranked rods to create pockets for incline conveyors
- Full surface belting with PVC, or rubber surfaces
- Glass-fiber and plastic rods for reduced weight



Driving systems

- GW series: PU drive wheels to drive belts in the rods
- HS system: cast iron sprockets, driving in the rods & supporting the traction belt
- RT system: as HS, but supporting the traction belt with a solid ring
- FRD system: friction drive
- N system: driving the traction belts in the cams
- NC system: driving in the rods, combined with a driving of the traction belt



Traction belts

- Single & double cam belts
- Smooth belting
- High tensile strength
- Hydro belting
- Solar belting



Joining solutions

- Joining clips
- Vulcanized splices
- Overlap splices
- Endless wrapped (patented)



Accessories

- Cleats
- Rod coverings
- Rubber and PU Screening stars
- Droplinks



Support rollers

- Support rollers
- Return idlers



Broekema: 60 Years of Belting Experience

In the 1950's the founder of our company started to rivet steel rods to rubber traction belts. Compared to hook-chain solutions, this product had a much longer life expectancy and a much higher reliability.

Member of internationally operating Jaeger group

Broekema is one of many companies that belong to the Jaeger Group of companies, each of which have specialties in plastics, rubber or fabrics. The Jaeger companies are active in many different industries: Agriculture, Manufacturing, Processing, Waste-Water treatment and many others. With a large variety of specialties, we have direct access to reliable sources of supply and developers of our components and raw materials.

Reliability, pioneering and innovation are still the main business drivers in the Broekema organization. With innovation in our production machinery we aim to secure reliability in the future:

Powerful Technology leads to Durable Solutions.



Perfect tracking

- High belt speed: up to 7 meters/ second
- Reverse running directions
- Extreme belt sizes



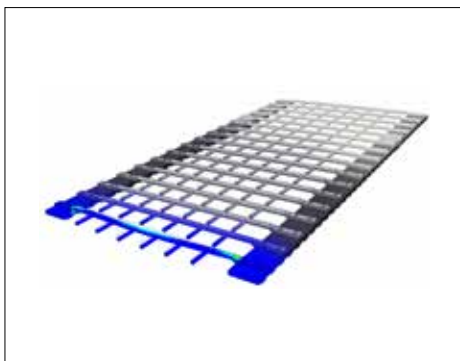
No more belt-slip

- Forced-drive system to eliminate belt slip
- Full offering of sprockets and support rollers
- Perfect belt-timing with high precision timing Cams



Extreme lateral stability

- Conveyor belts running in every possible angle
- Loading belts from left- or right-side of conveyor



Wear resistant

- Highly abrasive products: bricks & tiles industry
- Glass, metal and rocks
- Steel rods in all hardnesses for high durability
- Low-weight solutions with plastic- and tube rod styles



Power transmission "2.0"

- Dynamic behavior for less stretch
- Less wear
- Less maintenance
- Lower noise level
- Lower Cost-of-ownership



Screening and draining

- From sugar beet to olives
- Sliced vegetables
- Harvesting applications
- High impact & heavy duty applications
- Separating water, sand and small particles from your product

