

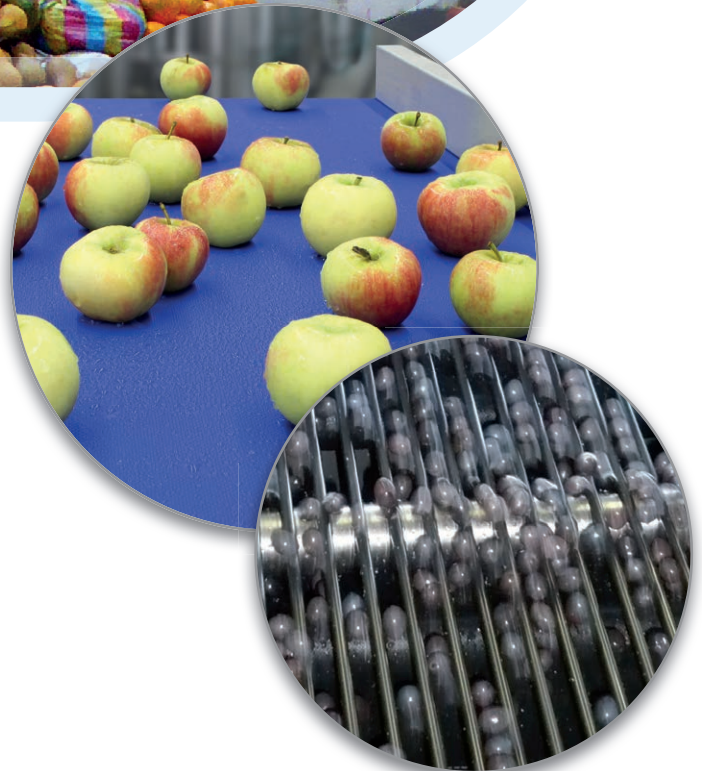


# Conveyor belts and profiles for fruit and vegetable

## PORTFOLIO HIGHLIGHTS

All profiles and conveyor belts  
from BEHAbelt are weldable

- Monolithic, elastic conveyor belts with accessories
- Profiles with or without reinforcement
- Custom-made profiles
- Different materials, colours and surfaces  
PU (60 - 95 Shore A); TPE (40 - 63 Shore D)
- FDA / EC / USDA Food conformity
- Various special materials available:  
metal detectable, UV-C resistant, hydrolysis resistant,  
antistatic, reinforced glass fiber
- Fabrication and welding tools
- Belt calculation, belt selection and application support



## WELDING TOOLS

BEHAbelt develops specialized welding technology for belts  
and profiles since 1974.

This includes e.g. the welding paddle EERgo, the unique friction  
welder RS02 as well as hot presses with controllers.

On the back you will find more information about the subject.

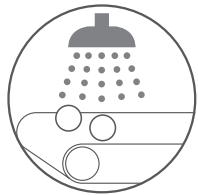


Works.  
Simple. Always.

**EERGO**

# Customer requirements – BEHAbelt Solutions

The requirements to conveyor belts and profiles in Fruit and Vegetable processing are quite versatile. Therefore, BEHAbelt aims to support customers with a wide product portfolio and application expertise, to make your process even more safe and efficient.

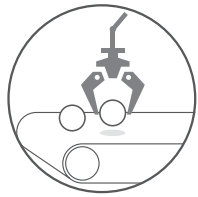


## WASHING

Humidity resistance  
Chemical resistance

## BEHABELT SOLUTIONS

Depending on your specific application, we offer hydrolysis resistant and chemical resistant materials.



## SORTING

Good contrast between conveyor belt surface and product.  
Reliable grip and release properties.

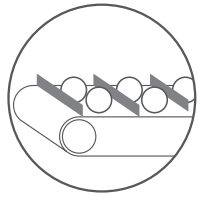
The manifold options to combine raw materials, colors and conveyor belt-/ profile structures allow an optimal adjustment of product features with your process, application and conveyed goods.



## CUTTING

Wear and cut resistant surfaces

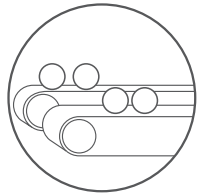
BEHAbelt offers a broad selection of wear resistant PU- or TPE-materials, tailor-made on demand.



## PORTIONING

Precise positioning and reliable release of conveyed goods.

Guaranteed through material selection and surface structure.



## SEPARATION

Acceleration or alignment of products on conveyor belt.

The specific selection of conveyor belt and profile material, ensures reliability and efficiency of BEHAbelt products in your machine.



## VISUAL CONTROL

Accurate positioning of processed goods and optimal contrast to conveyor belt.

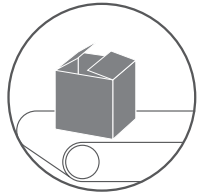
A wide-ranging product portfolio and optional combination of colors and materials, secures the right belt selection.



## WEIGHING

Precise weighing results, with minimum tolerances in a continuous process.

Specifically developed welding tools and methods guarantee fabricated belts and profiles in highest quality.



## PACKAGING

Gentle handling of fragile goods.  
Avoid waste and product damages.

Ensured by correct raw material, surface structure, fabrication and belt installation.

# Belt profiles and conveyor belts

All belt profiles and conveyor belts from BEHAbelt are weldable and „made in germany“. We are very interested to understand the applications in the market so that we can improve them by further developing the product range and our know-how. If you need specific profiles that we do not have, we can develop them through our in-house tool shop.



## WELDABLE BELT PROFILES MADE FROM PU / TPE

- Very good resistance to hydrolysis and microorganisms.
- Available in a smooth and slightly roughened surface and special surfaces.
- Improves food safety by reducing the risk of contamination.
- Especially high durability in wet areas and humid areas.
- All round and V-belts also available with reinforcement on request.

## AVAILABLE FEATURES



antistatic



temperature flexibility



low elongation



UV resistance



FDA/EC/USDA conformity



metal detectable



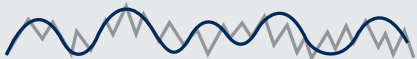
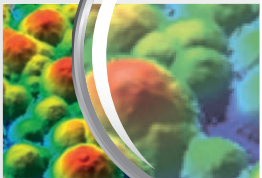
## MONOLITHIC, ELASTIC CONVEYOR BELTS MADE FROM PU

- MICROclean surface structure supports easy release of goods and best cleanability.
- Non porous surfaces, therefore very hygienic. FDA / EC-compliant. Supports your HACCP concept.
- Cut and abrasion resistance.
- Easy to install, thanks to the very good weldability.
- High degree of customization due to the extensive weldable accessories, such as side walls or cleats.

MICRO  
.....  
CLEAN

## What is the unique feature of MICROclean by BEHAbelt?

MICROclean is an additional refinement of the conveyor belt surface. The specific surface structure can only be seen under a microscope. This surface refinement offers optimum release properties and additionally improves cleanability.



Traditional conveyor belt surface smooth gloss (SG)  
Conveyor belt surface MICROclean smooth matt (SM)

# Welding technology for PU and TPE

Every belt is only as good as the splice. Therefore, we develop special welding technology for PU and TPE profiles or belts. Depending on the requirements, you can choose between classic paddle welding, the unique friction welder or a hot press for professional overlap weldings.

## PADDLE WELDING



### BEHAbelt EERGO

- Reaches melting temperature in about five minutes.
- LED indicator tells you when it is ready to use.
- Easy to replace heating tips.
- Built in protection to lay down on working table.

## GUIDE CLAMP



### BEHAbelt FZ02/3F

- Robust and accurate guide clamp for flat profiles.

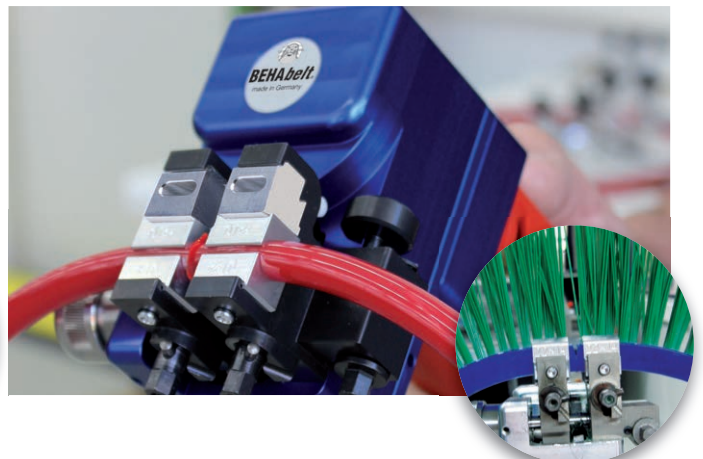
## HOT PRESS



### BEHAbelt HP01

- Controller guided hotpress for perfect butt and overlap weldings of PU and TPE profiles as well as flat belts and timing belts up to a width of 50 mm.
- Exchangeable moulds for different profiles and flat belts.

## FRICTION WELDING



### BEHAbelt RS02

- Aligns profile edges perfectly with special holding clamps.
- Makes perfect welds everytime in seconds using friction to generate heat.
- Also available as cordless version.

 **We would be glad to advise you!**  
**+49 7684 9070**

**BEHA Innovation GmbH**

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