

esbelt.com



## Belts for the Fruit and Vegetables Industry

PVC & PU belts for harvesting, washing, cutting, sorting and packaging of different types of fruit and vegetables. EU & FDA food quality.





## CHARACTERISTICS

## BENEFITS

Meet FDA normatives and EC 1935/2004 & EU10/2011 regulations for direct contact with food products.  
Phthalate-free covers\*.



Safe production process. No contamination of conveyed product.  
Ensures consumer safety.

Belts with bottom cover (patterned or smooth) for post-wash sorting and cutting processes.  
Belts with wick resistant fabric (pass Wicking Test G11-FDA 2011).



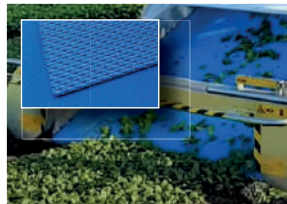
Fabrics are completely protected from high chlorine content water which could cause them to shrink or deteriorate.  
Better grip on the driven pulley.

PU belts with frayless fabric that minimizes belt edge fray.

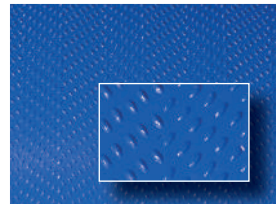


Reduce the risk of contamination.

Belts with double PU covers for vegetable harvesters and sliced vegetable washers.



*NS07AY - Double PU cover with Y pattern on the bottom cover.*



*NX09 UA2MT-AM double PU cover with A2 "rice grain" pattern on the bottom cover.*

Completely covered and protected fabrics which inhibits dirt and bacteria growth. Possibility to seal belt edges.

Mesh type PU belt - **Washflow**® - for the washing process and conveying of all types of fresh or frozen fruits and vegetables. Designed without fully covered transverse area, light and flexible.



More durable than modular belts. High drainage and airing capacity. Easy to clean. Low maintenance costs and energy consumption.

Belts resistant to carotene for the processing of fruits and vegetables like carrots, papayas, pumpkins, mango etc...



Slow down the deterioration and staining of the belts.

Blue PVC and PU belts in inspection lines.



Facilitate product inspection as well as optical sorting.

Possibility to weld belt waves, special long and short fingers on belt top covers, applicable for harvesting machines.



Reduce impacts on the fruits during the process, thus avoiding bruises and damage to the products.

Sidewalls, transverse cleats, reinforced profiles, longitudinal cut profiles.



Facilitate inclined conveying, avoid product wastage and increase production.

\* consult types.





## Applications:

**Harvesting** – DRAGO and BREDA series for heavy loads with abrasive soil, stones and other residue.

**Washing and draining** - **Washflow**® or perforated belts.

**Post-wash sorting** - Belts with double covers or belts with “wick-resistant” fabric.

**Inclined conveying** - Special long and short finger profiles, continuous waves on belt surface (for thin-skinned fruits), transverse reinforced profiles (for thick-skinned fruits), longitudinally cut profiles, PVC & PU sidewalls.

**Vegetable cutting machines** - 2-ply PU belts with sealed edges to avoid ply-separation.

**Packaging** - PVC belts with type Q, G2, D top cover pattern. Thermoweldable extruded belts for canning process.



CLINA S20UFMT with transverse cleats conveying potatoes.



NOVAK S09UF and NOVAK 20CK conveying pineapple residue.



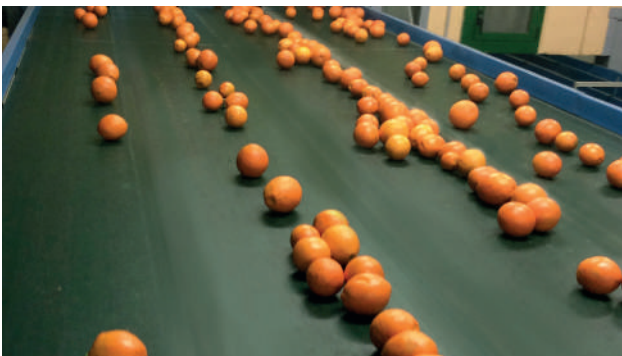
White PVC belt with longitudinal cut profiles.



CLINA 20CK conveying lettuce.



FEBOR 12CF WH conveying avocados.



FEBOR 12GF-GR\_EU conveying oranges.

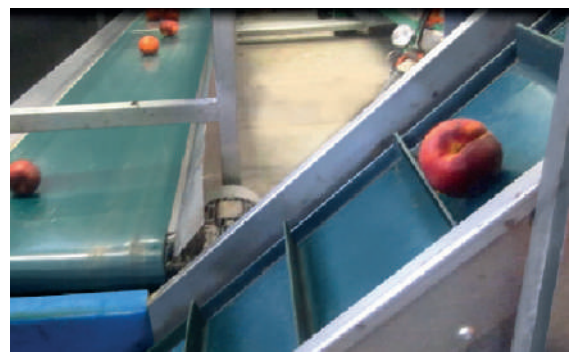


FEBOR 19CK on inclined conveyor with transverse cleats for carrots.



## Thin skinned fruits (pear, apple, peach...)

- CLINA, NOVAK and FEBOR EU series.
- Belts with long or short finger profiles or waves for inclined conveying.
- Tracking guides for belt alignment and other processes.



FEBOR 14CF GR EU with transverse cleats and longitudinally cut profiles.

## Thick skinned fruits (pineapple, coconut, orange...)

- CLINA, ESPOT, NOVAK and FEBOR EU series.
- DRAGO and BREDA series for harvesting, where food grade is not required.
- Tracking guides for belt alignment and other processes.
- Transverse cleats and reinforced profiles on top cover.



Special short finger profiles on a harvesting machine for thin skinned fruits (apple).



Conveying of cut pineapples on ESPOT belt with sealed edges.

## Vegetables (lettuce, potatoes, asparagus...)

- CLINA, BREDA and FEBOR EU series.
- Double-sided PU belts with patterns on top or bottom cover.
- PVC belts resistant to carotene.
- PU mesh type belt **Washflow**® for the washing and draining process.

## Nuts (almonds, hazelnuts, walnuts, sunflower seeds)

- CLINA, BREDA, ESPOT and FEBOR EU series.
- Belts with "Runer" sidewalls and transverse cleats (flights).
- Bucket elevator belts.



CLINA belt with Runer and transverse cleats on an inclined conveyor for hazelnuts.



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