

AM-EN

# Ultrascreen Belt Range Hygienic Dewatering & Drying





Ammeraal Beltech  
is member of  
European Hygienic  
Engineering &  
Design Group

Food Grade belts comply  
with EC 1935/2004  
and FDA standards  
supporting your ISO  
22000 requirements  
(previously HACCP)

## Ultrascreen PRO: Exceptional Tracking, Excellent Hygienic Properties, and Lower Total Cost of Ownership

Ammeraal Beltech is proud to offer an exciting new range of Ultrascreen mesh belts. With over 75 years of experience in the conveyor belting industry, Ammeraal Beltech knows OEMs and end users always look for ways to decrease expenses and increase productivity and safety. That's why Ammeraal Beltech not only offers traditional Ultrascreen mesh belts, but also the newly added Ultrascreen PRO mesh belt.

Ultrascreen PRO positive drive belts work with Soliflex PRO lug technology and offer the ultimate tracking performance as well as lower total cost of ownership. Conveyors equipped with Ultrascreen PRO mesh belts are more cost-efficient to build, provide exceptional tracking, and require less installation time and maintenance.

### Total cost of ownership

Traditional friction-driven mesh belts require either crowned or uncrowned drive pulleys with v-guides. The mesh belts are made endless with the use of a stainless steel fastener. The run-in time required for tensioning friction-driven belts is longer, inconveniencing both OEMs and end users. Additionally, more maintenance must be performed on these types of belts. The tension causes early v-guide and stainless steel fastener failure, and thus, a shorter lifetime of a mesh belt.

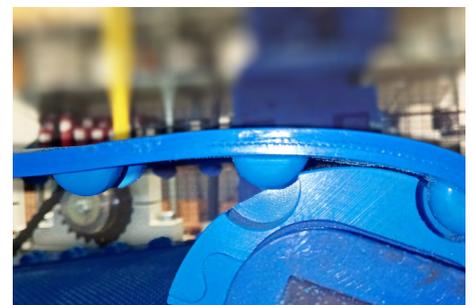
***Ask your local sales representative to make a total cost of ownership calculation for your company!***

### Benefits

Ultrascreen PRO comes with a variety of different teeth and sprocket styles to fit your application. Our positive drive system delivers the following benefits:

- Positive tracking performance
- Low belt tension
- Reduced energy usage
- Ease-of-use - Plug & Play
- Low maintenance costs
- Less belt elongation
- Easy to clean and disinfect
- Excellent hygienic qualities, supports ISO 22000 requirements (previously HACCP)
- Reduced product contamination
- X-ray and metal-detectable material options

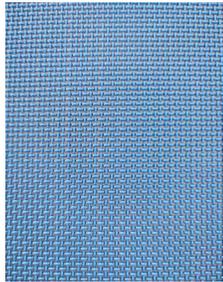
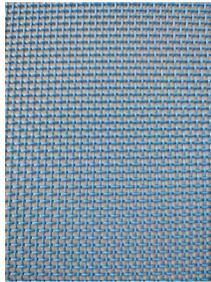
Ultrascreen PRO belts can be installed on new positive drive conveyors or as retrofits on friction-driven conveyors.





# Ultrascreen PRO Belt Range: Proven belting solutions for Fruit & Vegetable processing!

With a full-range of belting products, Ammeraal Beltech is able to provide solutions for all belting processes. For the processing of vegetables, fruits, and fish, Ultrascreen Belts with polyester monofilaments are a proven solution.

| Product   | Ultrascreen 1000 µm  | Ultrascreen 2000 µm  | Ultrascreen 3000 µm  | Ultrascreen 4000 µm  |
|---|--|--|--|--|
|  |  |  |  |  |
| Description   |  |  |  |  |
| Mesh Material   | Polyester  | Polyester  | Polyester  | Polyester  |
| Air permeability L/dm <sup>2</sup> /s @100Pa                                      | 3640   | 5080   | 6000   | 6540   |
| Water permeability L/(m <sup>2</sup> /s) @200mbar                                 | 2020   | 3350   | 5000   | 6450   |
| Open Area   | 30%  | 45%  | 55%  | 64%  |
| Available belt width Ultrascreen  | 2000 mm  | 2000 mm  | 2000 mm  | 2000 mm  |
| Available belt width Ultrascreen PRO  | 1450 mm  | 1450 mm  | 1450 mm  | NA   |
| Available belt width Ultrascreen XMD  | 1450 mm  | 1450 mm  | 1450 mm  | NA   |

**Fresh Salad   Vegetable processing   Fruit processing   Recycling   Filtering and Sieving**

## Ultrascreen XMD

Every segment of the food industry runs the risk of foreign body contamination with heavy consequences that include everything from disruptive claims affecting the brand reputation, all the way to expensive product recalls. For those reasons, we have the Ultrascreen XMD edges available. The edges are X-ray and metal-detectable. Should the edges or cleats pollute your product, it will be picked up by your metal detector.





# Discover Your Local Contacts

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



**General contact information:**

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Scan the QR code  
and contact your local  
supplier!

