



together we create



G Profile

EFFICIENCY AND DURABILITY:

The new modular G Profile for rubber conveyors in the recycling industry

The recycling industry is instrumental in reducing waste and promoting sustainability. One of the most important components in the recycling industry are the conveyors used to move and sort waste.

Reduced conveyor belt deterioration

Conveyor belts are widely used in the recycling industry in order to transport materials from A to B. Among the latest type of profile we have recently developed is the new G Profile. This modular G Profile is designed to improve the efficiency and sustainability of the recycling process. Its profile has a unique shape designed to reduce material loss and conveyor belt deterioration. As a result, it provides a better hold on the material being conveyed, thereby reducing waste and prolonging conveyor belt life.

Through a unique manufacturing process, the hot vulcanized profiles are fully integrated with each Probelt® base strap. This eliminates the loosening of the profiles.

The G Profile's other advantage is that it is possible to position the conveyor belts at different angles, depending on the application. This makes it easy to transport materials efficiently, even in hard-to-reach locations.

The G Profile is also very durable and resistant to deterioration and tearing, which is important in the recycling industry where heavy materials are processed.

Enhanced product distribution across the entire conveyor belt

The G Profile has a special profile shape. The profile is shaped accordingly and ensures that materials stay in place while being conveyed. This is most helpful when transporting materials of irregular shape or size, which might otherwise roll/slide off the conveyor belt.

As the profile is in Single V, Double V & Triple V, the product is better distributed across the belt. This ensures that the product is moving over the conveyor belt in a seamless motion. The profile ensures that the material is distributed gradually across the belt width.

Benefits of the new G Profile

Through our years of experience and knowledge, we have been able to develop this new modular G Profile to offer multiple benefits:

- Shortened pitch from 330 mm to 250 mm for higher capacity;
- Double V & Triple V profile for improved product spread and reduced deterioration;
- Up to 2,400 mm belt width;
- Improved support reversion on carrier rollers due to improved profile overlap;
- Profile available on numerous belt constructions;
- Together we create, we give customers the ability to prototype.

Application new G Profile

You will find this new G Profile commonly used on mobile or stationary installations in the recycling industry. In this area, we find that heavy products such as metals, stones, waste, scrap and other sharp materials can be easily transported. The conveyor therefore has a longer service life and thus lasts longer. It's durable, strong and can be used in different environments. This is how we work with the customer to create the optimal conveyor belt that makes a difference to production performance.

We are keen to develop and innovate with you!

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Range of available Probelt® belt constructions:

- EP 250/2 3+11/2
- EP 250/2 3+11/2 MOR
- EP 400/3 4+2
- EP 400/3 4+2 MOR
- EP 500/4 5+2
- EP 500/4 5+2 MOR
- XE 250/2 3+2
- XE 250/2 3+2 MOR
- XE 400/3 4+2
- XE 400/3 4+2 MOR
- XE 630/4+2 4+2
- XE 630/4+2 4+2 MOR
- EP 250/2 2+0
- EP 250/2 2+0 MOR
- EP 400/3 2+0
- EP 400/3 2+0 MOR
- EP 500/4 6+0
- EP 500/4 6+0 MOR
- EP 500/3+1ST 5+3
- XESC 315/2+2 6+4
- SW 630/1 6+3
- SW 1260/2 8+3
- etc.

Select the proper profile width and, if desired, have a Hotcleat® longitudinal edge added against spillage.

You can request profile sketches of each profile width from our sales team at any time.

SV = Single V Profile

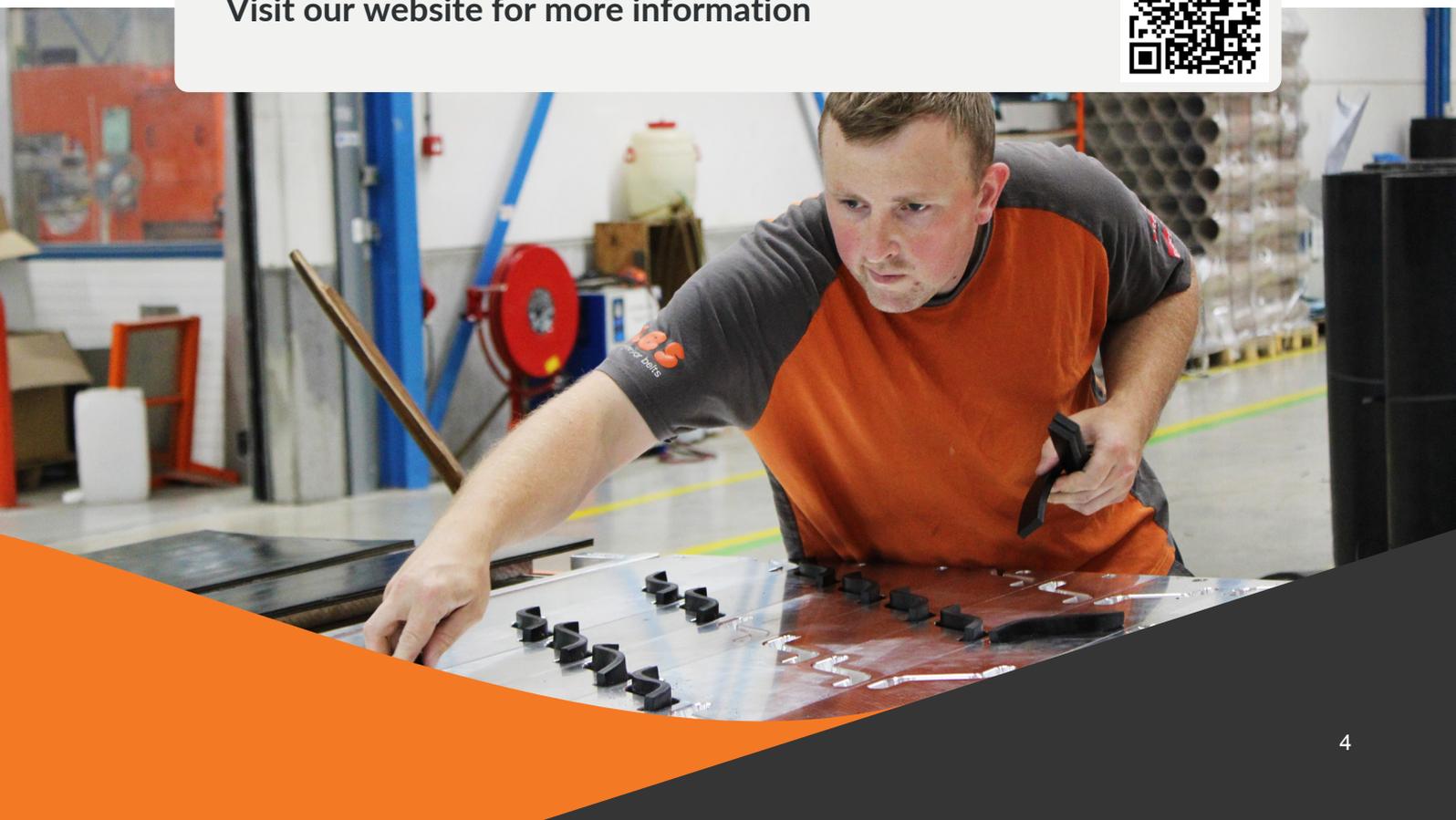
DV = Double V Profile

TV = Triple V Profile

DØ = Minimum drum diameter.

The minimum drum diameter of the selected tire type is the determining factor.

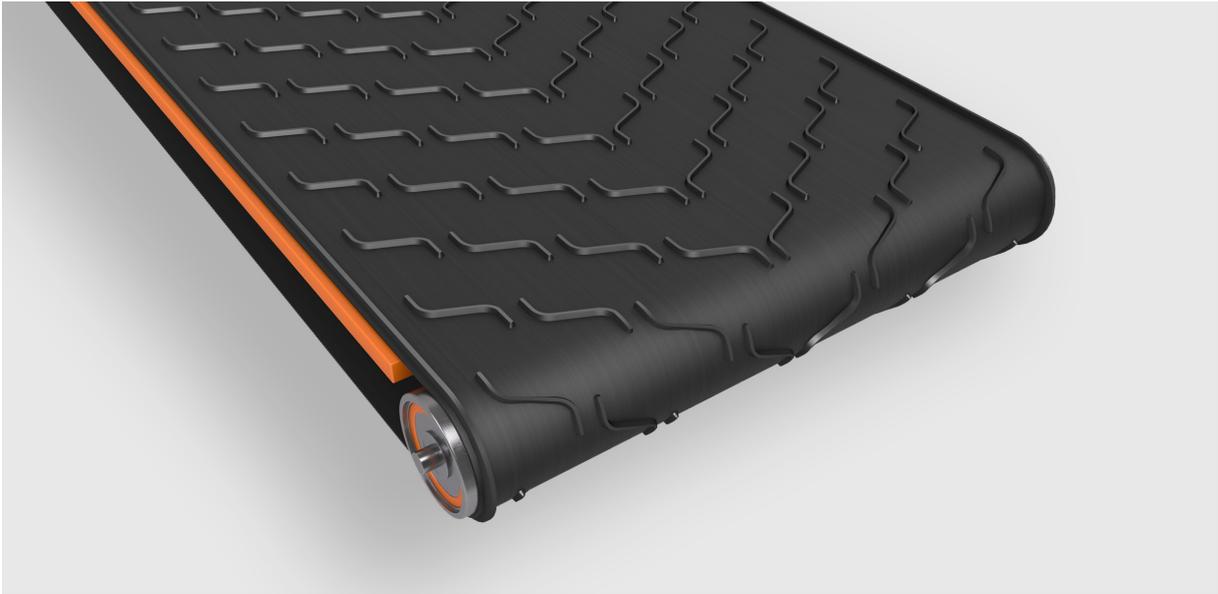
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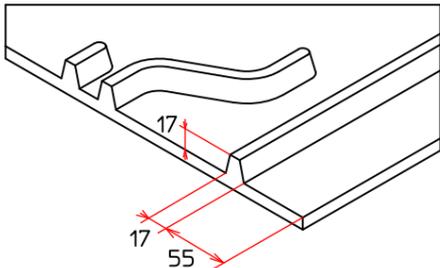
SINGLE V PROFILE

Designed primarily for mobile systems

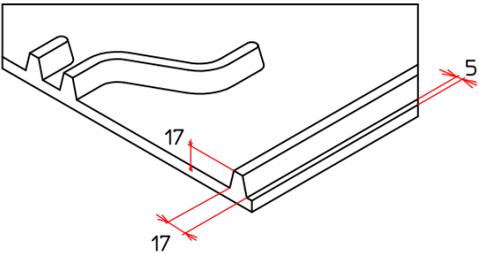
- Profile height 17mm
- Minimum belt width 400 mm
- Maximum belt width 1,400 mm



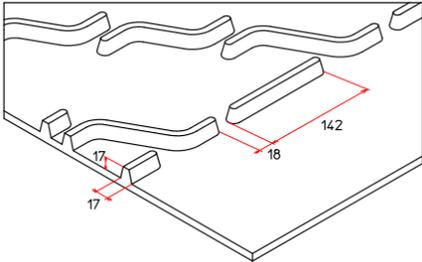
Option 1 > LI = Longitudinal edges 55 mm free zone



Option 2 > LO = Longitudinal edges 5 mm free zone



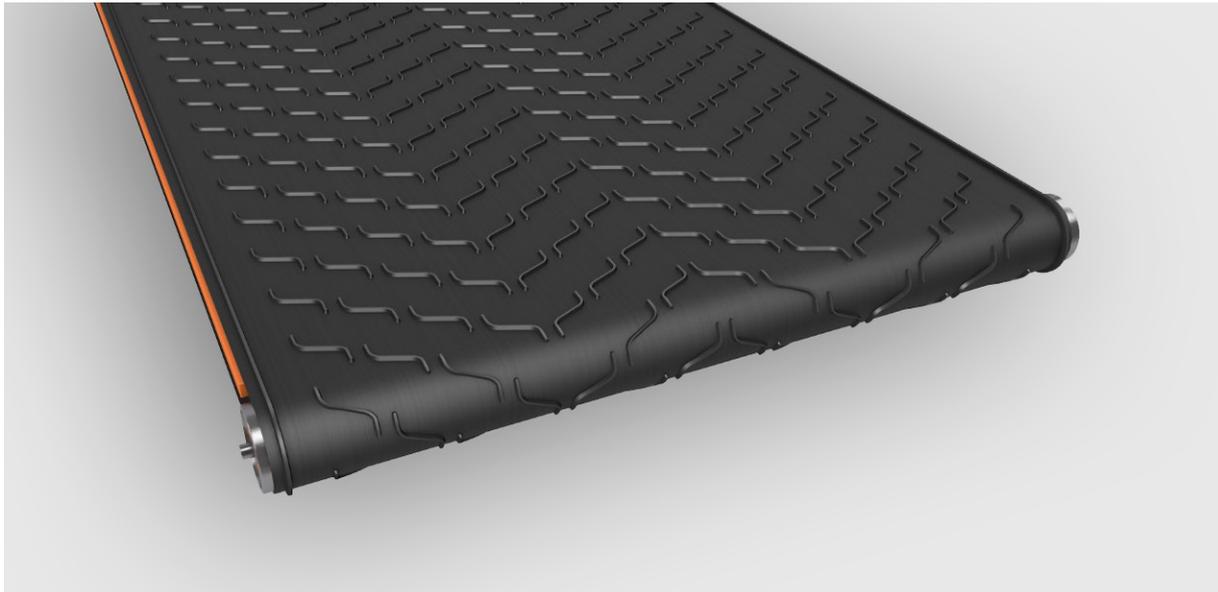
Option 3 > LC = Longitudinal edges continuous



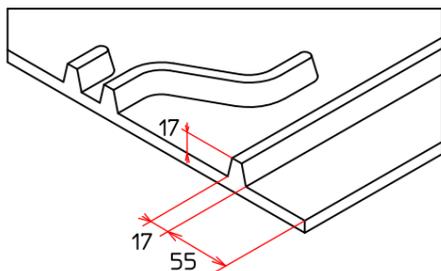
DOUBLE V PROFILE

For both mobile and stationary systems

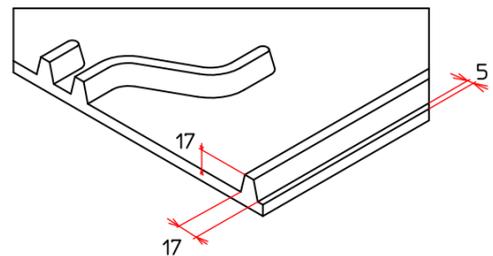
- Profile height 17mm
- Minimum belt width 1.400 mm
- Maximum belt width 2,200 mm



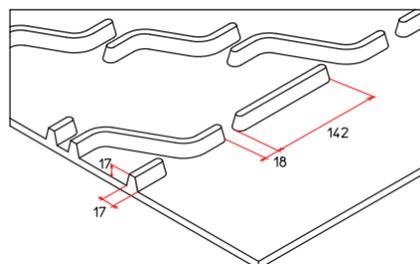
Option 1 > LI = Longitudinal edges 55 mm free zone



Option 2 > LO = Longitudinal edges 5 mm free zone



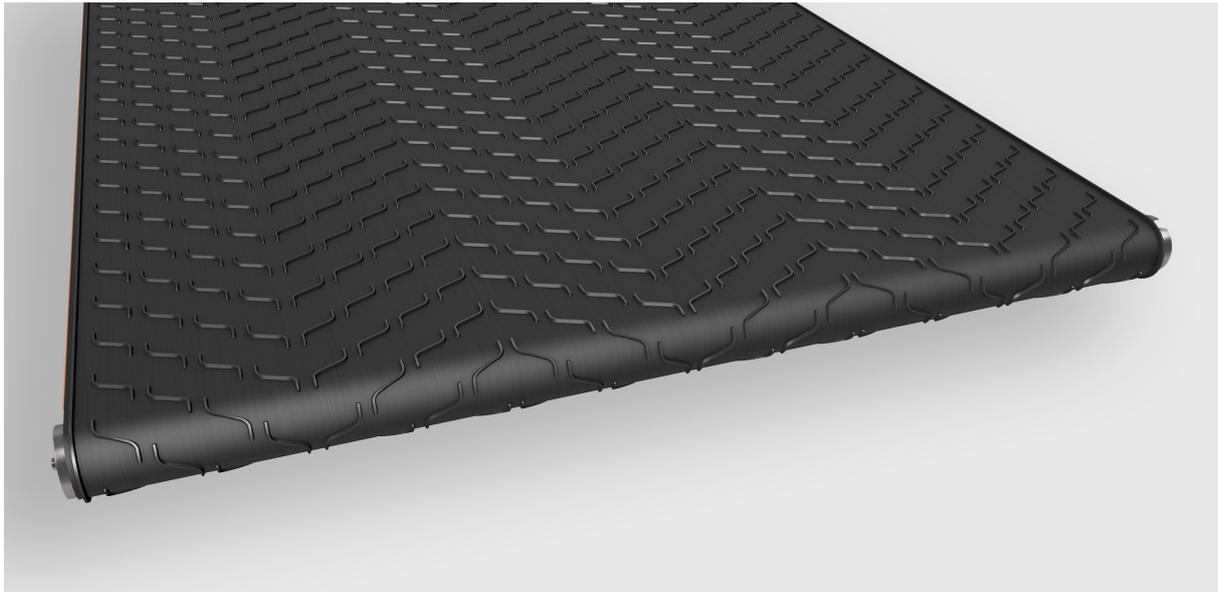
Option 3 > LC = Longitudinal edges continuous



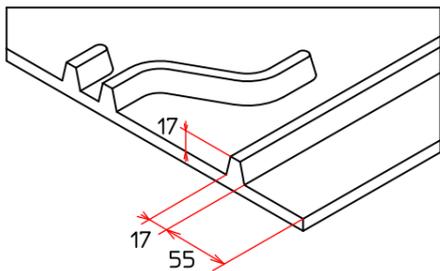
TRIPLE V PROFILE

Designed primarily for stationary systems

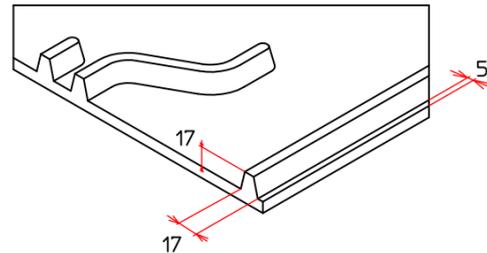
- Profile height 17 mm
- Minimum belt width 2.000 mm
- Maximum belt width 2,400 mm



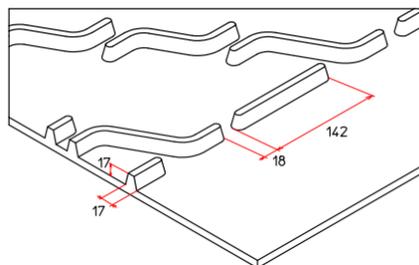
Option 1 > LI = Longitudinal edges 55 mm free zone



Option 2 > LO = Longitudinal edges 5 mm free zone

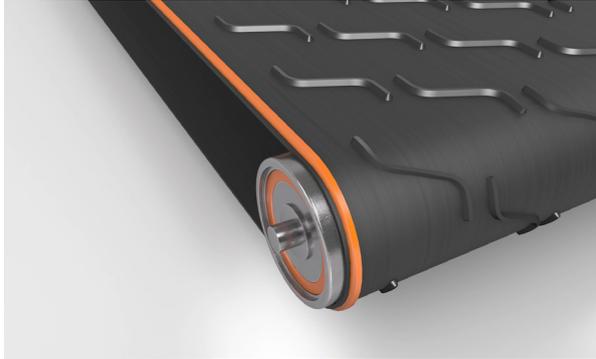


Option 3 > LC = Longitudinal edges continuous

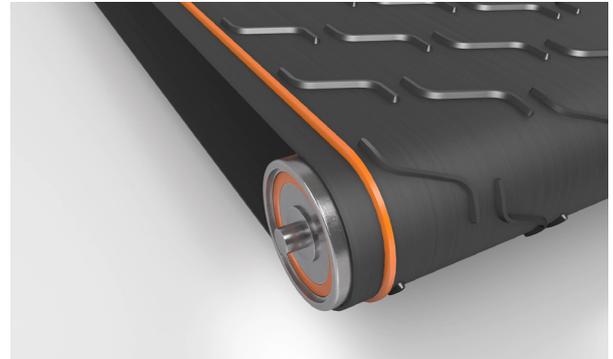


SPECIAL FINISH

Option 1 > LI = Longitudual edges (outside) 55 mm free zone

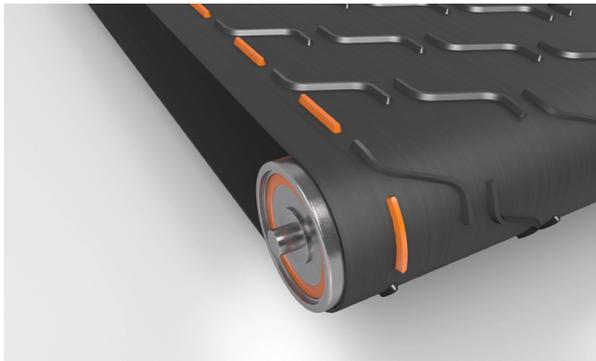


Option 2 > LO = Longitudual edges (inside) 5 mm free zone



Option 3 > LC = Longitudual edges (continuous)

* profile = <20 mm smaller



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