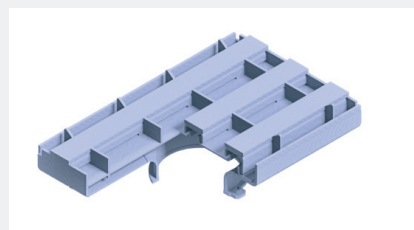
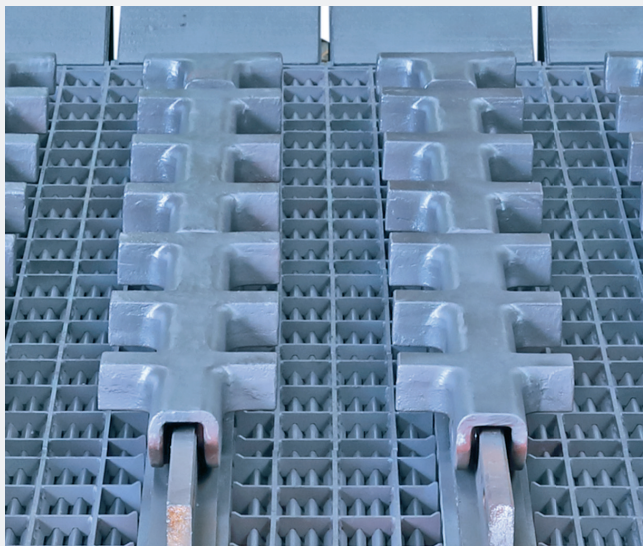
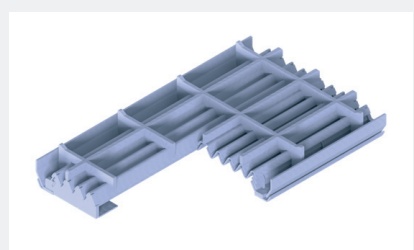


# polytrack® clinker cooler retrofits & upgrades



Old design of the aeration units



New design of the aeration units

## Cooler conversions and replacement of aeration units for a better performance

To achieve the highest possible cooling capacity and reduce energy consumption, we offer various options: Our experts can convert your entire cooler or replace only the aeration units. The aim is to improve clinker cooler performance. It is also possible to modify a clinker cooler made by a different manufacturer.

### Replacement of aeration units

If you wish, we will replace your wear parts and exchange them for the new standard design – fully replacing the original design with the innovative design does not in fact involve major adjustments. Thanks to their uncomplicated interchangeability, the aeration elements are perfectly suited for retrofitting. The pressure drop of the cooling air is reduced, thereby cutting power consumption – and thus offering major potential for savings.

### Cooler modification

We will gladly replace your worn-out polysius® cooler with a completely new polytrack® cooler – our innovative aeration units are standard here. This achieves improved cooling performance and meets the current energy standard. Installation is not even a problem if your clinker cooler is from a different manufacturer.

### Clinker crusher modification

If requested, we can convert your clinker crusher from a hammer crusher to a roll crusher. Roll crushers have an electromechanical drive and therefore require no additional hydraulic piping or power unit. They are more wear resistant, offer reliable crushing of material with no oversize, and are less susceptible to faults than hammer crushers.

#### Advantages of a cooler modification and the new polytrack® aeration units:

- Lightweight, energy-saving design
- Reduced risk of dust escaping due to labyrinth seal
- Wear protection over a long service life
- Thermal and electrical energy savings
- Easy to replace

#### Advantages of a polytrack® clinker crusher modification:

- Improved wear resistance
- Lower maintenance costs
- Shortened downtimes
- Lower susceptibility to faults
- Reliable crushing with no oversize