



CASE STORY

Recycling

Pilatusmarkt shopping centre Kriens (Switzerland)

720,000 liters of compressed PET per year

Pilatusmarkt Kriens has reorganized and centralized waste disposal. PET bottles are opened and compacted in a perforator. The compression reaches at least a factor of four.

At the Pilatusmarkt shopping center in Kriens, batteries as well as containers made of glass, PET and other plastics are collected separately by type at a central location. For compacting the PET bottles, the shopping center works with a perforator from Hunkeler Systeme AG. The bottles are opened and compressed via two counter-rotating slotted drums. Bags with a capacity of 360 liters catch the bottles. An SMS notifies the personnel as soon as a specified fill level

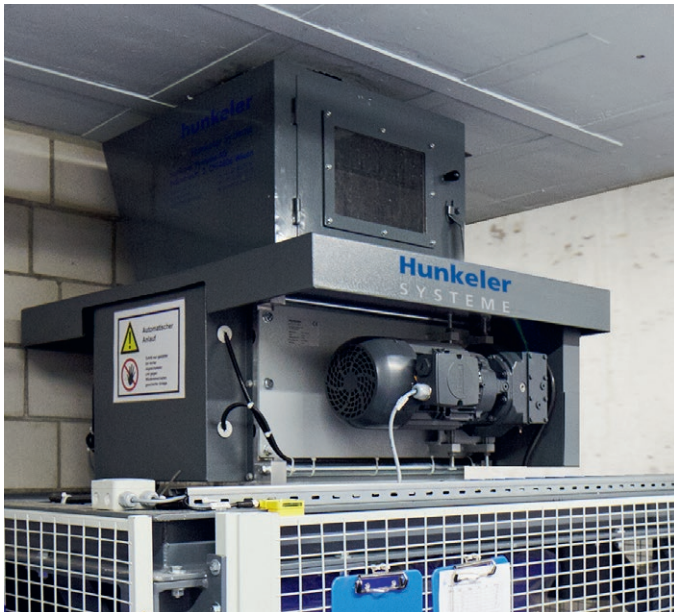
is reached in the sacks. Compared with the uncompacted material, the volume can be reduced by at least a factor of four. In absolute terms, this corresponds to a reduction from 2.88 million to 720,000 liters per year.

Drop of on three floors

Visitors to the shopping center can dispose of their waste on three of the total seven parking levels of the shopping center. The drop-off points are located directly next to the entrances to the shopping levels. A pipeline running vertically across the floors connects the drop-off points with the collection bins for glass, PET bottles and other plastics located at the bottom level of the shopping center.



Visitors to the Pilatusmarkt shopping center can drop off waste, separated by type, at three of seven parking levels located directly to the entrance to the stores.



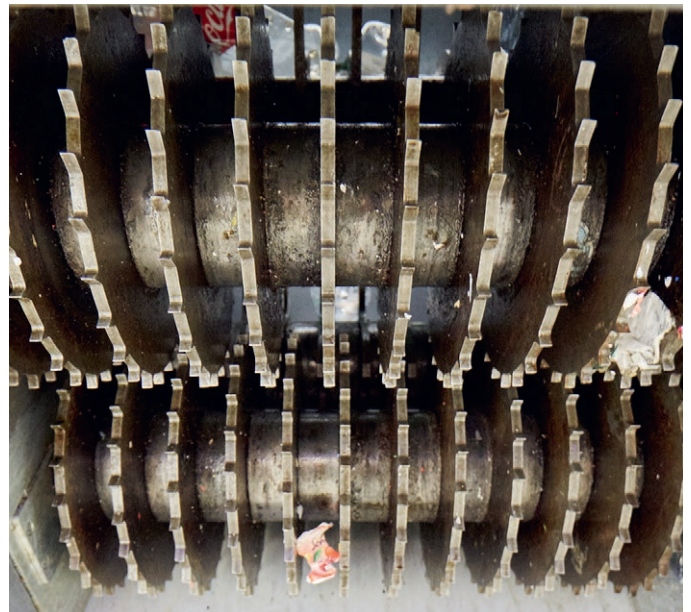
Compared to non-compacted material, the waste volume is reduced by up to a factor of four thanks to the PET perforator.

Challenged with large quantities

The demand on the PET perforator varies greatly. On weekdays, the largest volume is recorded in the morning and later in the afternoon. „The absolute peak day is Saturday, when the waste volumes are the same as those from Monday to Friday combined,“ says Daniel Jud. He is responsible for technology and operations at Wincasa AG, which manages the shopping center. „The capacity utilization fluctuates hugely,“ he notes. For him, it is all the more important that the perforator is ready for operation even at short notice and reliably processes not only the small but also the very large quantities that occur within a short time window.

High performance

Centralized waste disposal is a win-win situation for everyone: for the customers who shop at Pilatusmarkt and for the retailer Coop, which occupies the largest retail space in the shopping center with its megastore. Previously, PET bottles had to be disposed of in Coop's retail store and moved by employees in carts to a central collection



The PET bottles are opened and pressed via two counter-rotating slotted drums.

point. Thanks to the newly organized and centrally located disposal system, Coop has gained valuable sales space. In addition, visitors to the center can conveniently dispose of their waste on their way to the shopping mall and do their shopping afterwards.

Fourth largest shopping mall in central Switzerland

The Pilatusmarkt shopping center was built in its current form in 2006 and is owned by a co-owners' association. With a net sales area of 21,500 square meters and 1,320 covered parking spaces, Pilatusmarkt is, according to its own information, the fourth largest shopping mall in central Switzerland. Currently, the center houses over 40 shops. The Coop Megastore is the largest Coop outlet in the region. It was also the retailer that, together with Wincasa AG, who developed the idea of centralized waste disposal. The project was implemented last year as part of a comprehensive renovation of the seven-story parking garage and the Coop megastore. Wincasa AG was responsible for planning and implementing the entire renovation work in the parking garage.

The operating costs count

“In our search for a PET perforator, we had several options. What counted in the purchase decision were the low operating costs and a partner from the region that we could rely on. Hunkeler Systeme AG understood our concerns well. The sales and engineering are very experienced. We received competent advice and were presented with a solution that met our requirements for safe production operation in every respect.”

Daniel Jud
Technical Manager, Wincasa AG

