

Cardboard, film and PET bottles are  
being compressed with Strautmann.



**'We have significantly reduced  
our logistics expenses!'**



## 'Dispose of economical and ecological'

*'While producing mineral water and sweet beverages residual liquids need to be disposed of economically and ecologically. Our PET bottles are now drained and compressed economically by using the Strautmann LiquiDrainer® and BaleTainer®.'*



### PET: Current disposal situation

The accruing PET bottles are being collected in Hansa-Heemann containers and lattice boxes and then brought to the outside waste disposal area, where an employee takes care of the bottles.

Using a forklift the boxes are lifted and tilted into the hopper of the LiquiDrainer®.

Via a conveyor belt the PET bottles are being transported into the LiquiDrainer®, which empties and devalues the bottles. The emptied and already precompressed PET bottles are transported from the LiquiDrainer® directly into the BaleTainer® and are being compacted into direct marketable bales.

**'The whole plant LiquiDrainer® with  
downstream BaleTainer® pays off for our  
company. High time and cost savings  
allow a quick amortisation  
of the investment.'**



### How did you come to the change?

*'During bottling beverages rejected goods accrue in the production that need to be disposed of ecologically. As well as full and empty PET bottles are totally emptied and compacted before they are recycled. In the past the whole process was handled by a disposal company.'*

*'We wanted to keep this value in our own company. Mr. Yilmaz who is responsible for the disposal has intensively dealt with the topic of 'economical disposal' and we have finally decided for the disposal concept of Strautmann. The insertion of the bottles, the emptying and compaction into recyclable waste makes us independent of disposal companies.'*

Thomas Hartsieker  
Plant manager, Hansa Heemann AG

**'Our starting point was  
to improve the internal workflow and  
to optimize the disposal costs.'**





## Disposal of paper and film

*'Before we decided to dispose of our PET bottles with Strautmann we already had started to dispose cardboard and film with Strautmann machines 6 years ago. Later on the disposal of PET bottles came into play. Now in the production two multi chamber balers ensure order and cleanliness.*

*The balers allow a sorted compaction of cardboard and film. Additionally one Strautmann baler compacts the accruing film in our warehouse. Then the highly compacted bales are transported by means of a forklift to the outside placed trough and are being collected by a disposal company.*

*The installation directly at source reduced the walking ways of our employees and made their way of work more efficient.'*

Thomas Hartsieker  
Plant manager, Hansa Heemann AG



**'Thanks to the baler now 8 -10 tons  
of film fit in a trough. Previously  
with loose collection only 1/2 ton.'**

Ender Yilmaz, Disposal, Hansa Heemann AG

### Advantages at a glance

- Time savings due to shorter walking ways
- Logistical advantages due to shorter transport routes and less forklift movements
- High revenues for direct marketable bales
- Employee satisfaction
- Order and cleanliness

### Before

Cardboard, film and PET were previously stored in troughs with a filling capacity of 7-30 m³. Up to 15 troughs were positioned in the production and warehouse. The accruing material was inserted manually. Due to loose collection of the material the filling volume of the troughs was exhausted very fast and they needed to be placed outside to be picked up constantly.

### After

With Strautmann the disposal concept of the recycleables cardboard, film and PET bottles became economical, efficient and employee friendly.



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