

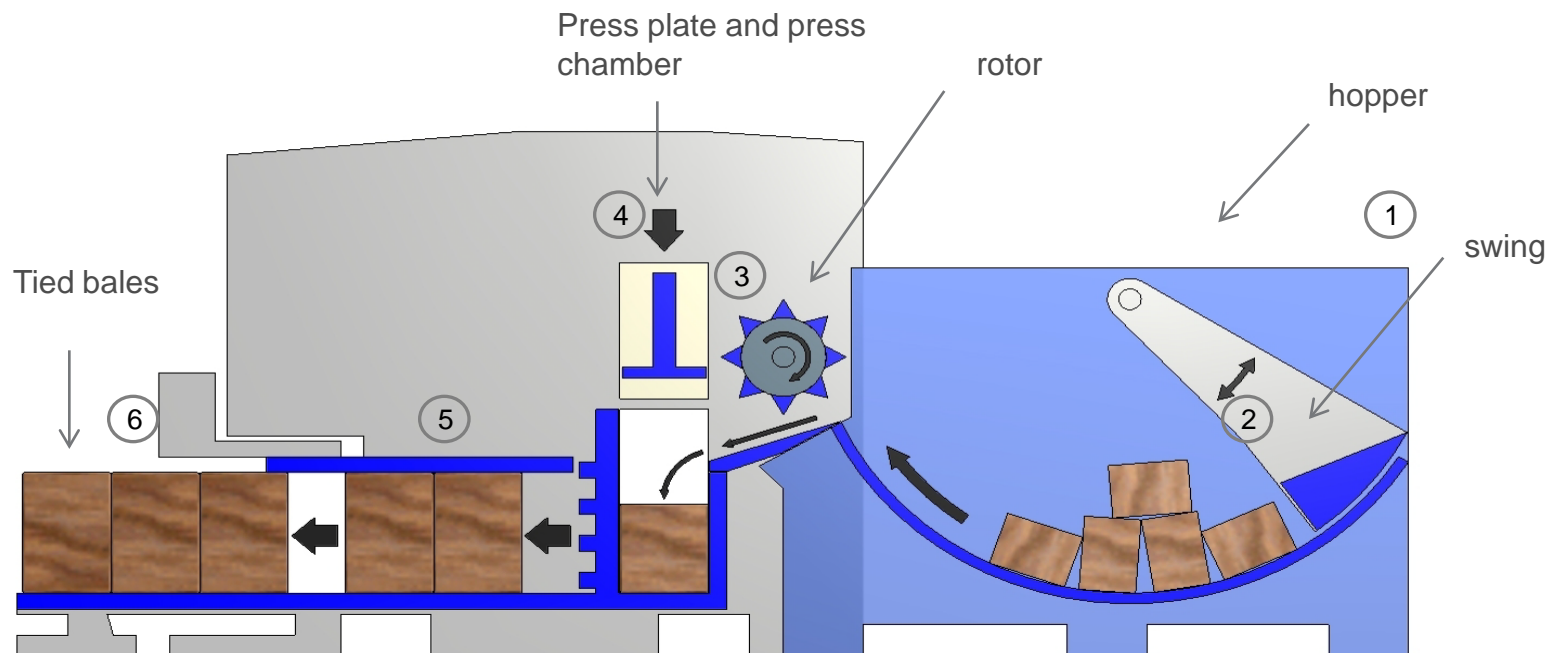
BaleTainer® profitable disposal

Compaction of cardboard packaging, film and crushed PET-bottels into direct marketable bales

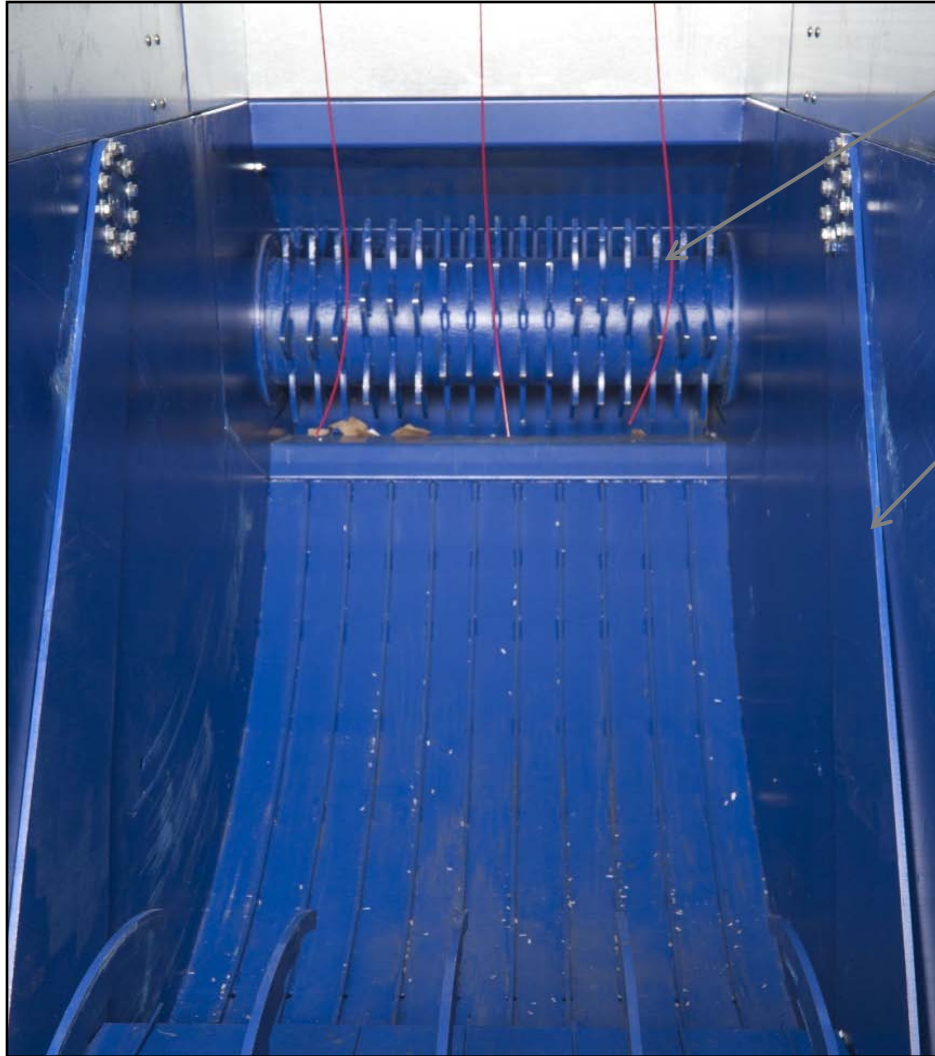


BaleTainer® function

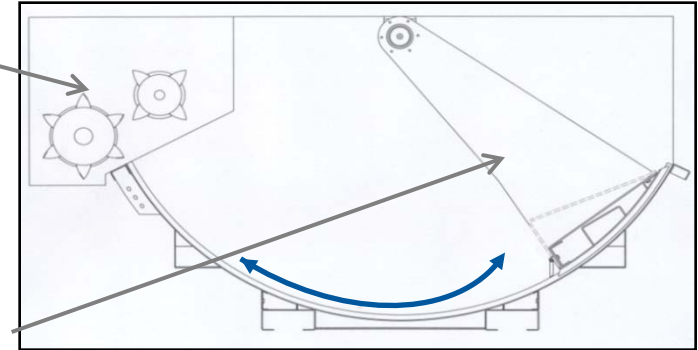
1. The hopper can be filled by hand or automatically.
2. The swing forwards the material to the rotor.
3. The turning rotor(s) forwards the material into the pressing chamber.
4. The press plate moves down automatically and compacts the material into a slice.
5. The slices are compacted one after another and are binded automatically to a bale.
6. The bales are put out automatically.



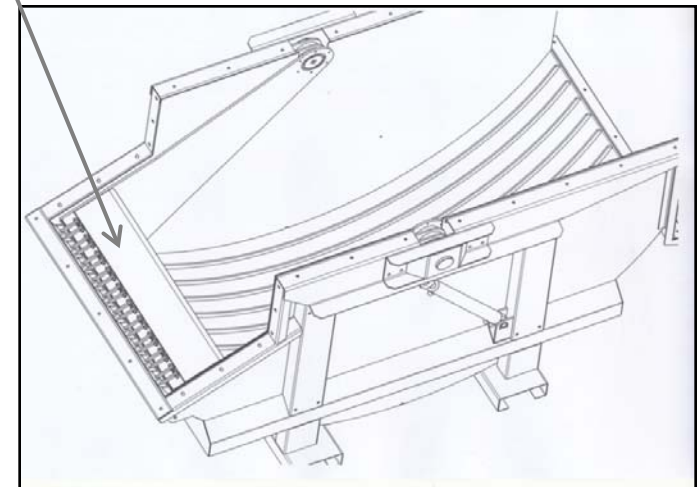
BaleTainer® interior view filling opening



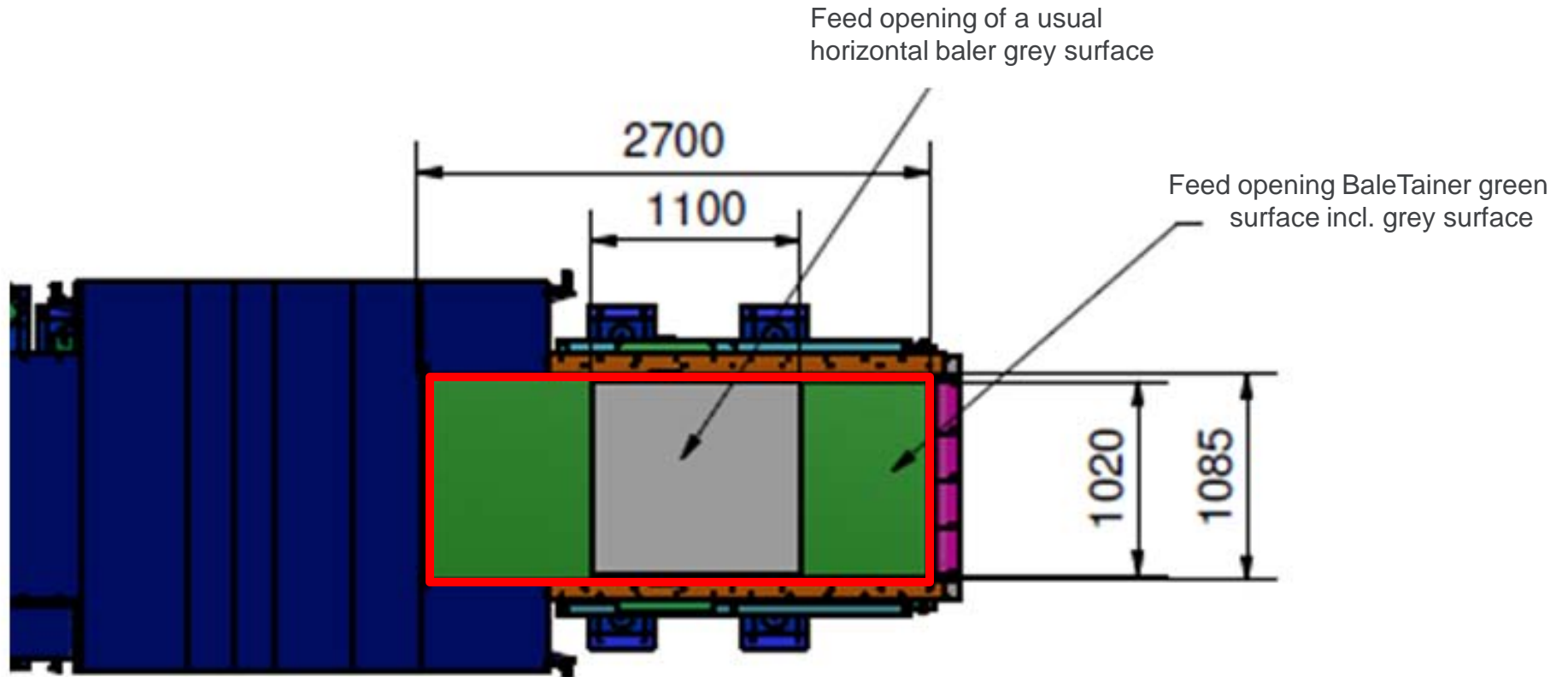
Rotor



Swing



BaleTainer® huge feed opening



BaleTainer® huge feed opening

Comfortable insertion of huge cardboard packaging. No pre-crushing necessary!



**Savings in time and
personnel expenditure**

BaleTainer® material feeding



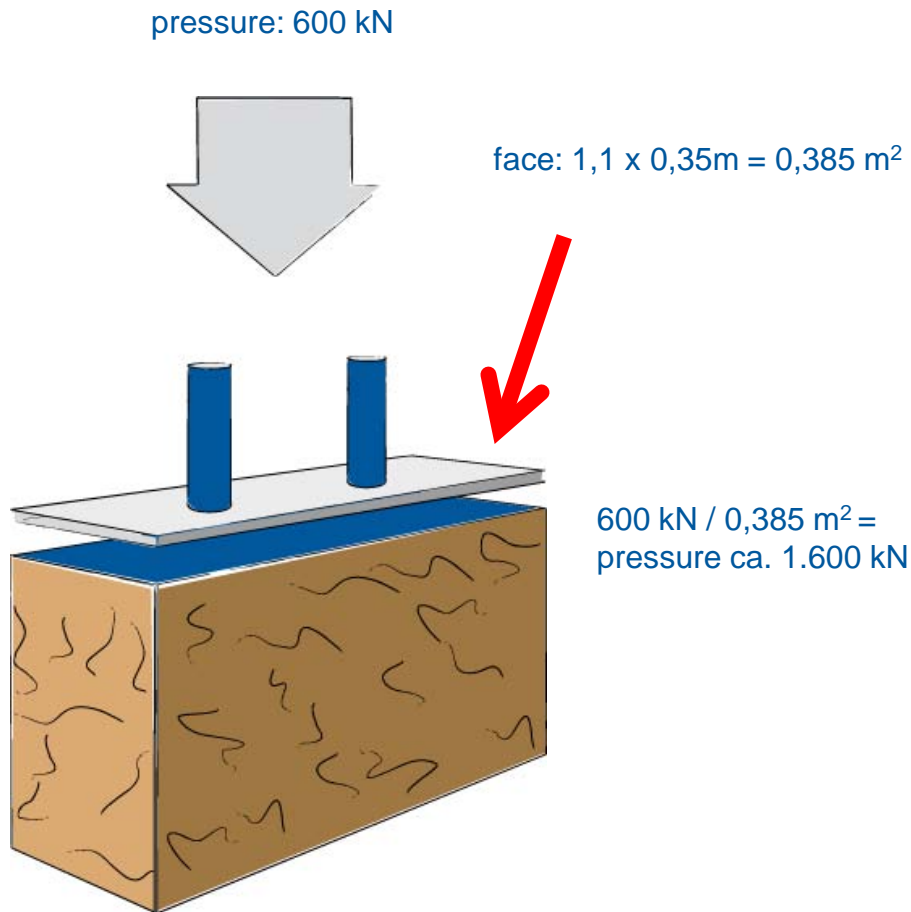
The swing moves back-/forwards and pushes the material to the rotor.



The turning rotor forwards the material into the press chamber.

BaleTainer® high pressure at small faces

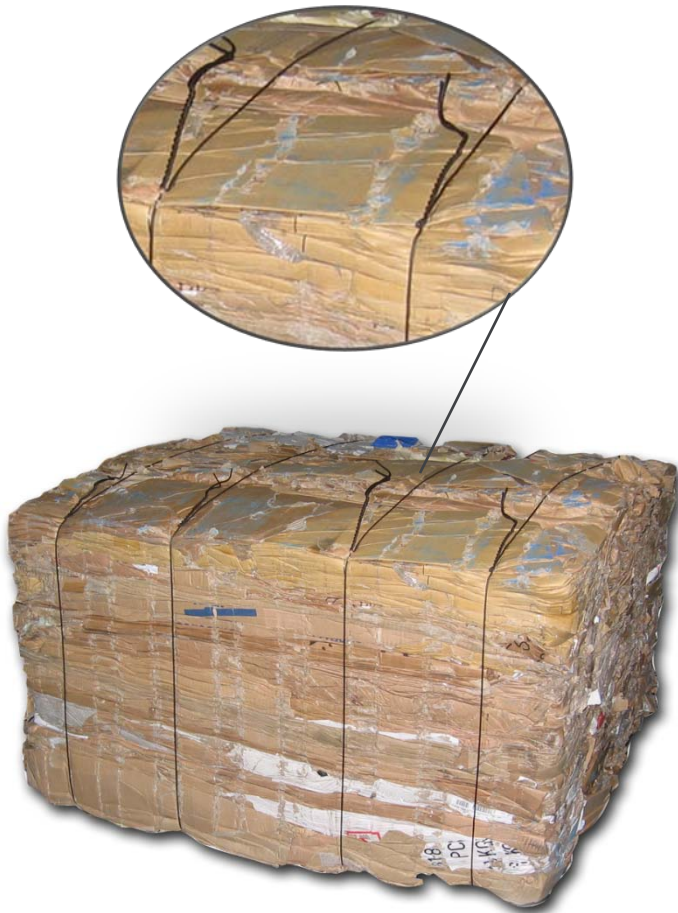
At a face of 0,385 m² (one part) presses the energy of 60 tons, the effect is a higher density. It's the consumers choice if he wants to bind one bale out of 3 or 4 parts. The press cyclis starts full automatically.



Reducing of transport and logistic costs up to 80%!

BaleTainer® bales

The bale with a density of up to 400 kg/m³, is banded full automatically with wire. **No personnel expenses!**
The bales are direct marketable and achieve **highest revenues!**



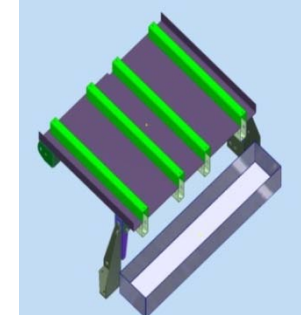
BaleTainer® full automatic bale discharge



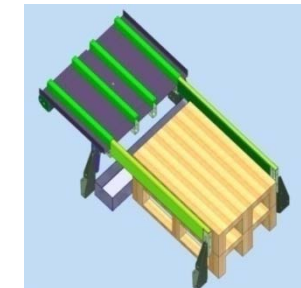
BaleTainer® easy bale handling



Bale discharge:



direct
storage space
1 bale



by pallet
storage space
2 bales



by forklifter
storage space
several bales

BaleTainer® stockable bales (6-fold)

Bale storage



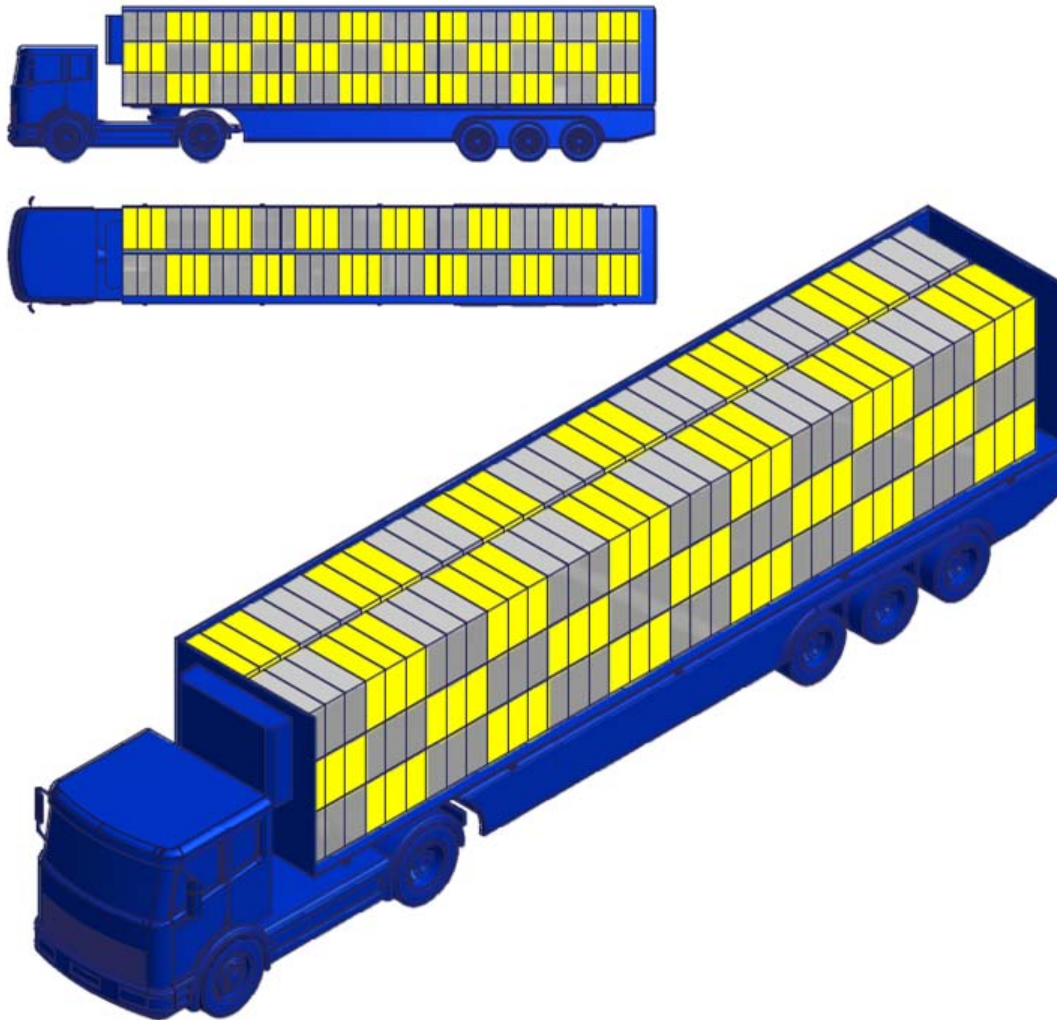
Place saving!

100% transport capacity



Lowest logistic- & transportation costs!

BaleTainer® reduction of transportation costs



Truckload:

2 bales alongside x 3 bales stacked x 12 bales length = 72 bales per truck!

Bale dimension (L x W x H): 1,10 x 1,10 x 0,80 m

Volume: 0,97 m³

Trailer:

Length: 13.60 Meter

Width: 2.44 - 2.48 Meter

Height: 2.65 - 2.70 Meter

Necessary bale weight for optimum capacity with 24 t:

bale weight: ca. 370 kg

bale density: ca. 380 kg/m³

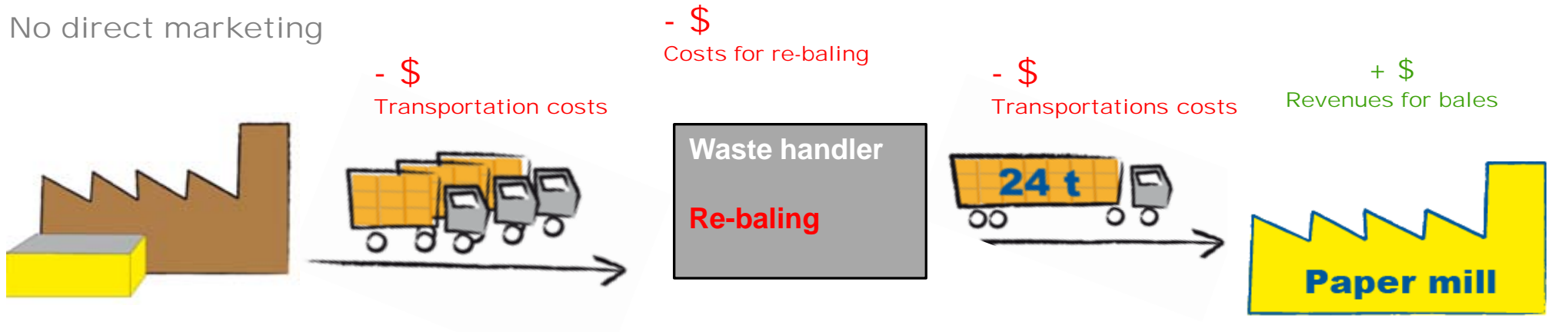
Possible carrying capacity: ca. 26,6 t

Official payload limited to: 24 t



BaleTainer® direct marketable bales

No direct marketing



Direct marketing



BaleTainer® cost comparison

The calculation refers to 500 tons of loose cardboard packaging per year (Cardboard quality 1.04).

Payment for loose cardboard packaging as per EUWID 01.2013 = 35 - 45€.

Static compactor

The filled static compactor has an average weight of material of 2,5 t.

		<u>per year</u>
Container rent / month:	180 €	- 2.160 €
Costs for container pick-up:	65 €	- 13.000 €
<small>(500t / 2,5t = 200 pick-up / year)</small>		
Payment / t:	40 €	+ 20.000 €
Costs for re-baling / t:	20 €	- 10.000 €
		<u>- 5.160 €</u>

BaleTainer®

standard machine 5,5 kW
Truck load 24 t with 66 bales.

		<u>per year</u>
Leasing rate / month:	1.040 €	- 12.480 €
<small>(Duration 72 month)</small>		
Transportation costs:	0 €	0 €
Payment / t	80 €	+ 40.000 €
		<u>+ 27.520 €</u>

BaleTainer® Advantage 27.520 + 5.160 = 32.680 € per year
Advantage within 72 months = 196.080 €

BaleTainer®

Manual feeding at ground level



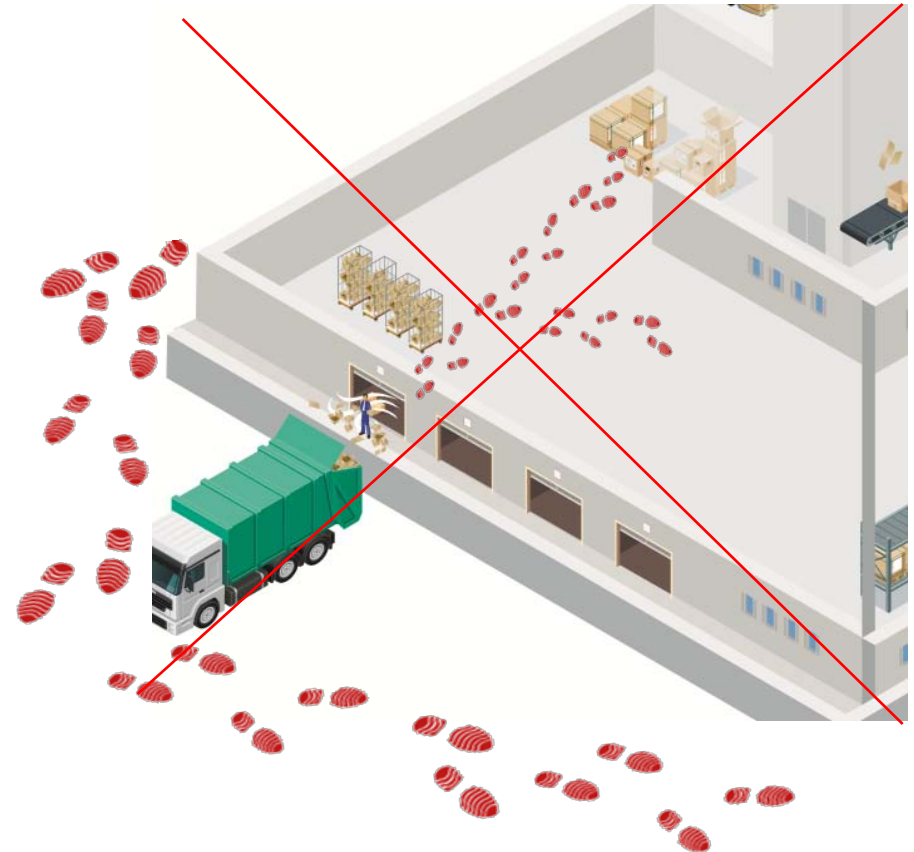
BaleTainer® small foot print



internal central installation
-> short walking routes: Time-saving



external decentral installation
-> long walking distances: time-intensive



BaleTainer® installation at a ramp

Feeding at a ramp with tipping device



BaleTainer® options for ramp feeding

Safety light barrier



Safety door



BaleTainer® wall mounted hopper



Feeding from inside through a wall mounting

BaleTainer® feeding by conveyor belt

Continuous operation 24 h / day
Integration in existing production process.



No personnel expenditure!



BaleTainer® operation

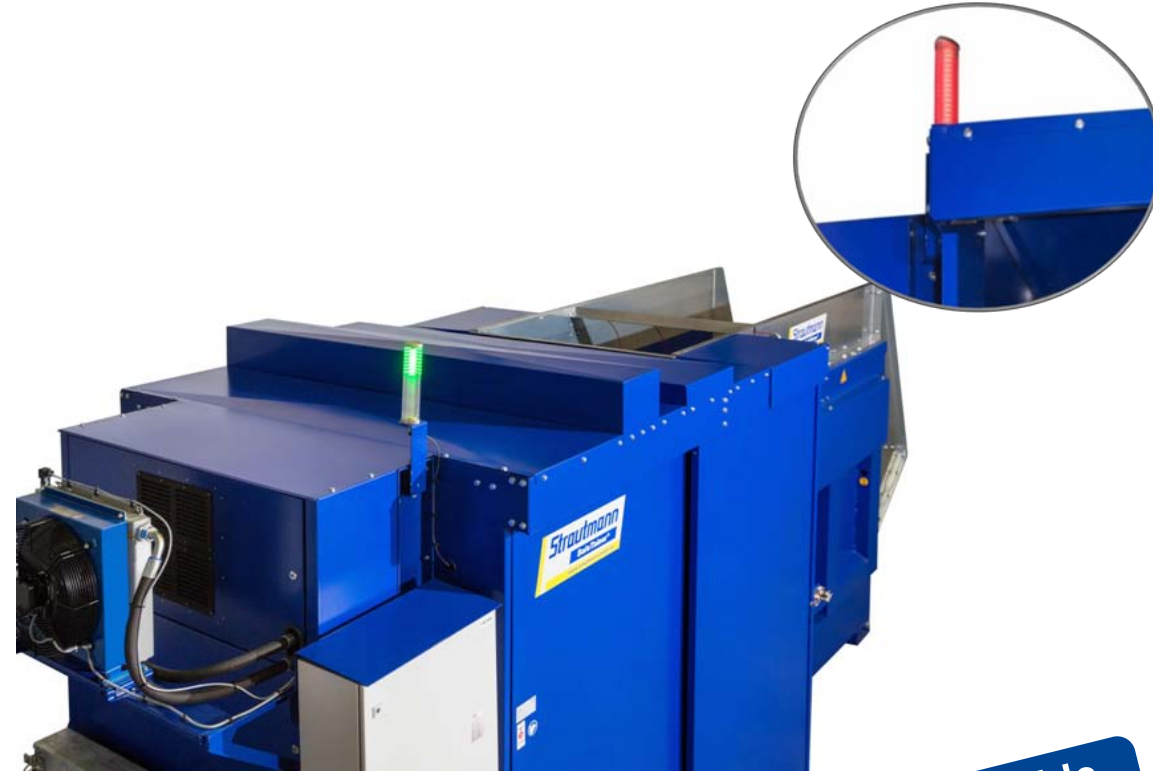
The external **operation panel** is more comfortable for the operator and increases security.



The **signal lamp** shows the status of the machine at a glance to a operator:

Red: error

Green: ready



**Easy and comfortable
operation**

BaleTainer® wire- and bale inspection



The sensors control the wire. Before the wire coils are empty the operator gets a report. If the wire isn't changed, the press stops.

The sensor gives a message when the bales have to be taken away. So the bales can be collected up to a certain point and then be taken away.

- **controlled and secure bale tying**
- **comfortable handling**



BaleTainer® Safety



Contact strip

Mounted at feeding opening. As soon as the operator contacts the strip the machine gets in emergency stop.



Security ripcord

Security for the operator. The machine stops immediately when the security ripcord is towed.



Central lubrication system 22 kW , 5,5 kW, 9,2 kW

Your partner for a profitable disposal

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