

Bale opener and bale dewiring system, yoc 2015, only approx. 3,500 operating hours, throughput approx. 50 bales per hour, with weighing system



The complete plant was used exclusively in trial operation for opening and de-wiring bales of pressed OCC paper and beverage cartons. After a short time, the project was discontinued and the system was no longer used.

Technical data bale opener and dewiring line with weighing system

Bale feeding belt, pos. 1:

Belt length 11,000 mm
Width between side parts 1,460 mm
Belt width 1,200 mm
Max. Load 7,000 kg
Conveying speed 0.2 m/second
Drive power 3 kW
Pitch of idlers 250 mm
Side wall height in feed area 70 mm
Side wall height impact wall 1,000 mm
Feed height 1,800 mm

Industrial weighing system for the bale feeding belt (additional equipment):

Weighing terminal type IT1 Ethernet
8 pieces of calibratable load cells with wishbones and a nominal load of 2,200 kg/each
Preload of the system 5,000 kg

Feed belt to bale opener and dewirer, pos. 2:

Belt length 9,500 mm
Width between side parts 1,460 mm
Belt width 1,200 mm
Max. Load 6,000 kg
Conveying speed 0.25 m/second
Drive power 9 kW
Pitch of idlers 250 mm

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Side wall height 800 mm
Pitch 13

Bale opener and dewiring station, pos. 3:

Type B/E 3213
Year of manufacture 2015
Belt length 2,300 mm
Width between the side parts 1.600 mm
Belt width 1,200 mm
Max. Load 1.500 kg
Conveying speed 0.25 m/second
Drive power 1.5 + 1.5 + 1, 5 + 2.2 + 30 kW
Height of side panels 800 mm
Blade lowering speed 70/40 mm/second
Hydraulic pressure 160 bar
Pneumatic pressure 6 bar
Height of the system 5,700 mm
Bale length dimensions min. 1,000 mm, max. 2,200 mm
Bale width dimension min. 750 mm, max. 1,200 mm
Bale height dimension min. 750 mm, max. 1,200 mm
Material qualities provided OCC department stores' paper, mixed paper, punching waste, label waste, beverage cartons
Wire diameter 3 - 4 mm
Operating hours approx. 3,500 hours
Throughput capacity approx. 50 bales/hour
Total power consumption approx. 37 kW
Control system Siemens S7-300
Operator panel Siemens HMI TPU1200 in 12".

Wire reel for wire winding, pos. 4:

Drive power 5,5 kW
Pneumatic working pressure

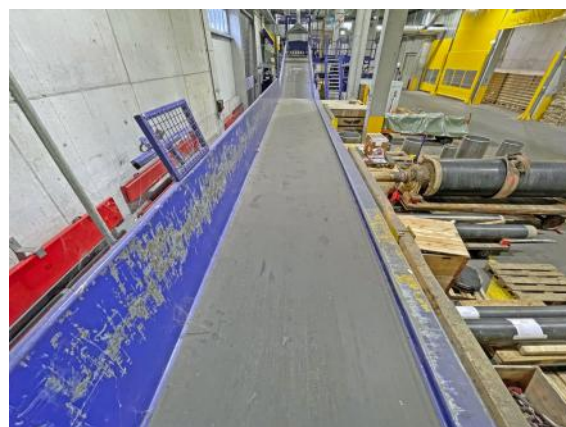
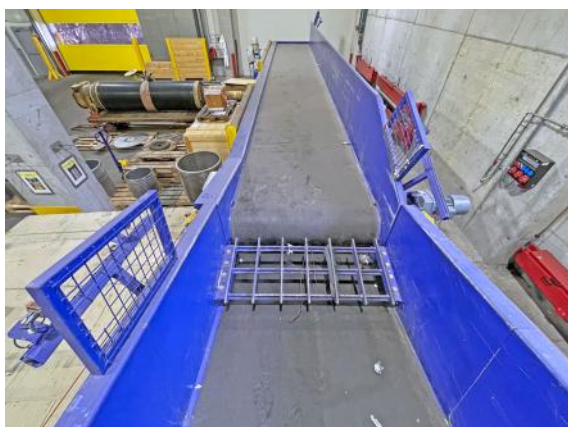
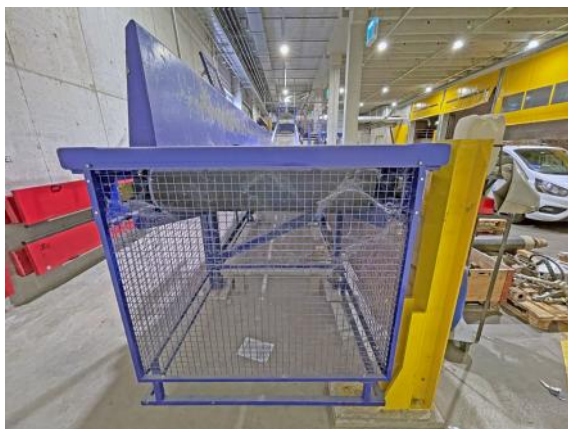
Condition of the baler

The complete plant was used exclusively in trial operation for opening and de-wiring bales of pressed OCC paper and beverage cartons. After a short time, the project was discontinued and the system was no longer used. The conveyor technology and the bale opener and dewiring unit are really in a very good condition. As you can see from the pictures, there is almost no wear visible. The production line is ready for immediate use and available at short notice. The new price of the plant was 597.000,- €.

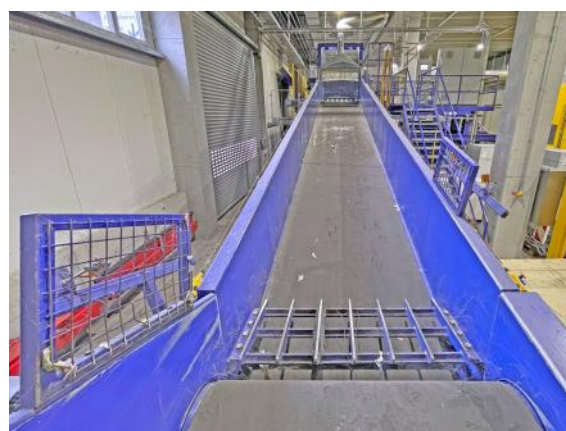
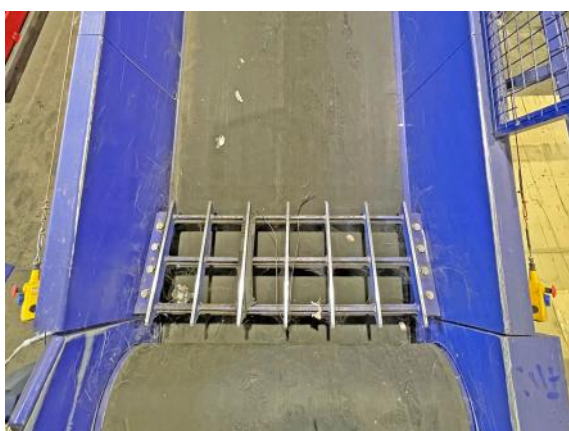
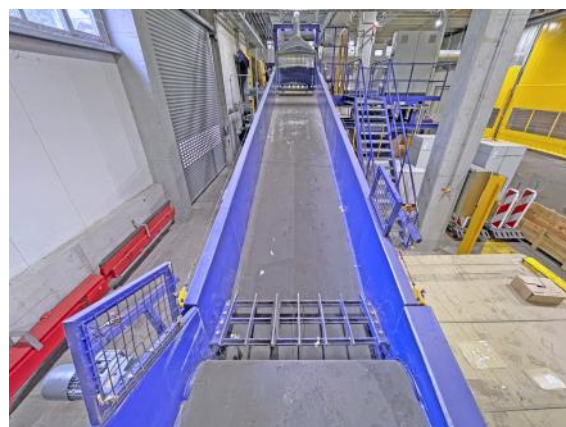
Comments:

The documentation (Manual, CE-declaration, electr./hydr.-drawings), are completely available in German language. Inspections are possible after agreement. We will not assume liability for the given technical data and possible errors.

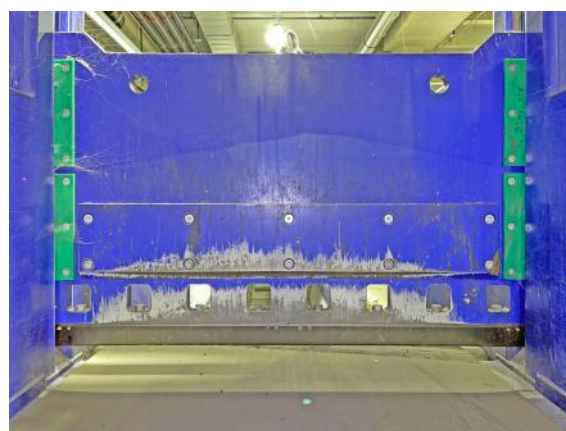
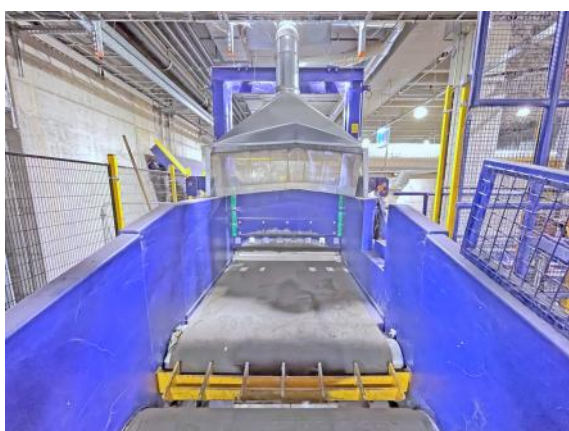
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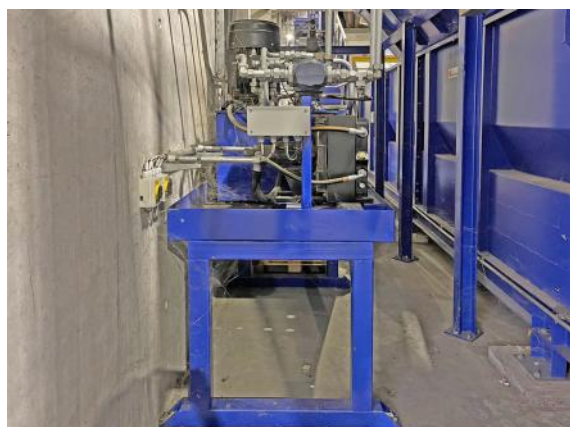
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