



Conveyor belt wagon

**Aperia**



# Infinite perfection

## -The Strautmann conveyor belt wagons



### Aperion

derived from the Greek „apeiros“ for infinite – infinite like the conveyor on the Strautmann conveyor belt wagon and infinite like the variety of possibilities the Aperion offers!

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# Endless possibilities

- all-season use



## The Aperion

The Aperion enables all-season use from spring to winter. Wood chips, chopped silage or grain can be as efficiently transported as rape, root crops or even packaged goods, big bags or pallets – the variety of possibilities is almost infinite!



Technical modifications reserved



Technical modifications reserved



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Infinite – Unique – Effective  
– the endless conveyor belt



**Robust transport conveyor belt**

- Continuous conveyor avoids operating errors
- 2100 mm wide and 10 mm thick
- rubber conveyor with fabric reinforcement
- Seals at the side ensure an absolutely tight cargo space

**Reliable drive**

- Hydraulic conveyor drive via a large-sized gearbox and a rubber-coated roller at the rear
- Front return roller automatically ensures permanent tension
- Retightening possible by means of hand-operated hydraulics

**Always clean**

- The cleaning brush at the return roller prevents the material from becoming clogged, thus avoiding damage to the conveyor

**Optimum support**

- Carrying and supporting rollers only 30 cm apart ensure optimum support for the belt and guarantee smooth unloading
- Sealed and maintenance-free ball bearings

# Unloading – fast and clean – the superstructure



### Complete emptying

- Smooth interior, no residues in the cargo space during discharge
- Sealing of conveyor by means of rubber lips
- Plastic strip prevents sticky loaded materials from remaining on the conveyor



### Wide opening tailgate

- Wide opening for discharging without any problems
- Mechanical locking mechanism ensures transport without any losses



### Easy dosing

- Standard grain gate
- Easy adjustment of discharge speed of bulk materials

## Diverse size options – The extension concept

Optional extensions of 700 mm in height for increased capacity  
Standard hydraulically folding front panel.



### Variable due to folding elements

- Lateral folding extensions for a reduced charging height
- Tailgate can also be opened with the extension folded down
- Locking of folded-down extensions at the side panels



### Fast & comfortable

- Hydraulically telescoping extensions
- Perfectly suitable for versatile use
- Easy extending and retracting of extensions from the cabin
- Safe guiding in the side panel stanchions

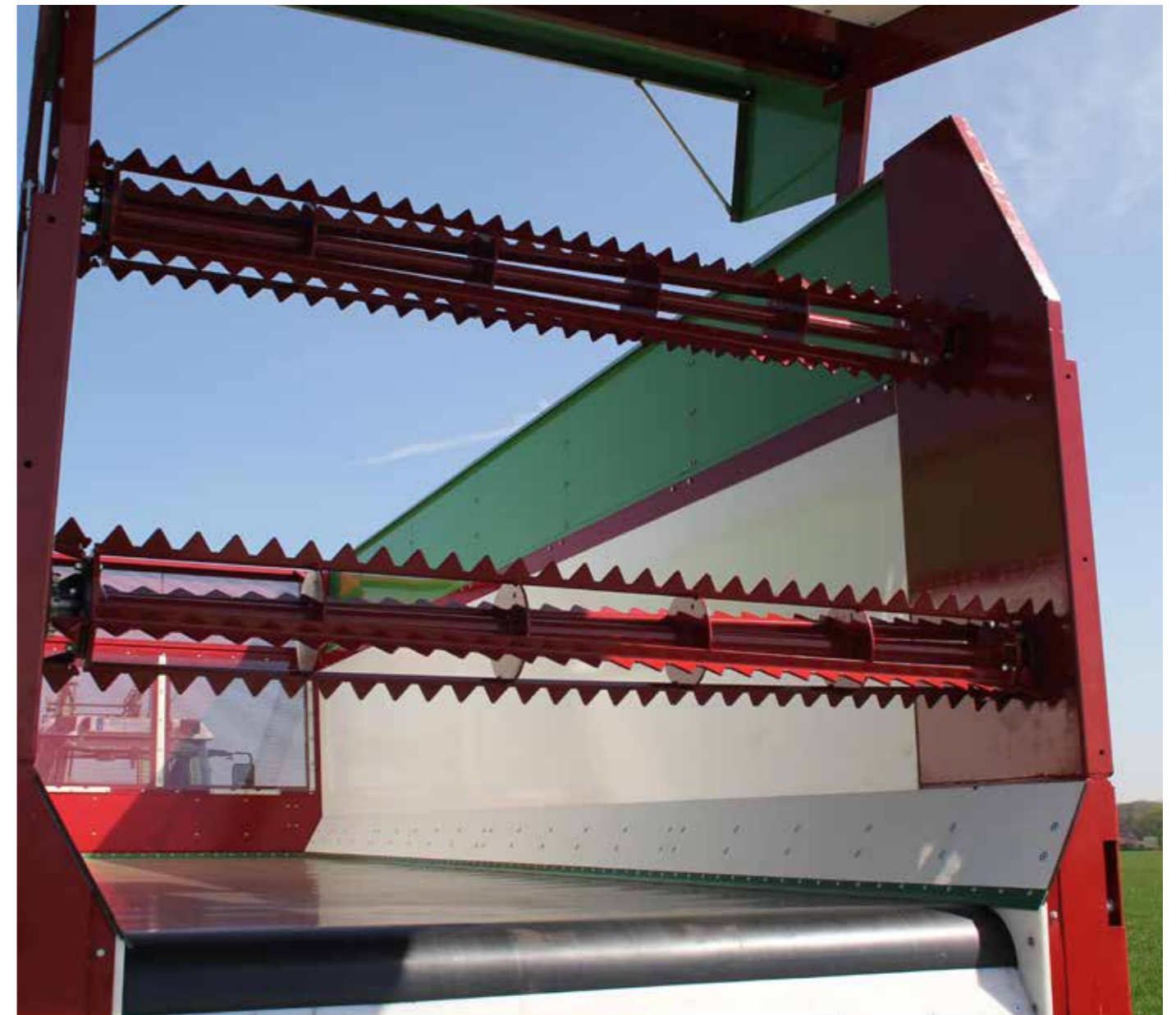


### Gentle superstructure

- Side panels made of glass-fibre reinforced plastic sections with robust stanchions for optimum transport
- Thermally insulating surface for transport of delicate materials

### Optional beaters

- Mechanically powered via large-sized roller chains
- Perfectly suitable for uniform discharge of e.g. grass silage
- Dosing unit can be quickly removed when not in use



## Robust & safe on two chassis



### Hydraulic tandem chassis

- Standard equipment on the Aperion 2401
- Optimum driving comfort and driving safety
- Hydraulic axle compensation
- Optimum load distribution to all 4 wheels
- Optional suspension



### Hydraulic tridem chassis

- Standard equipment on the Aperion 3401
- Optimum driving comfort and reduced ground pressure due to 6 wheels
- 1st & 3rd axle with mechanic-hydraulic forced steering axle system



### Comfortable linkage

- Standard bottom linkage with balltype coupling
- Standard mechanical drawbar suspension
- PU elements cushion impacts and vibrations
- Optional hydraulic drawbar suspension

## Well covered

– Covering system for any requirements



### Folding mesh cover

- For covering e.g. silage or wood chips
- Hydraulic actuation
- Central overlapping ensures complete covering
- Can be combined with extensions

## Technical data

	Aperion 2401 with tyres 710/50 R 26.5	Aperion 3401 with tyres 710/50 R 26.5
<b>Dimensions</b>		
Width [m]	2,55	2,55
Height [m]	3,95	3,95
Length [m]	9,75	11,55
Outside wheel width [m]	2,81	2,81
<b>Dead weight</b>		
Dead weight[kg]	8.200	10.200
<b>Gross vehicle weight rating</b>		
with bottom linkage [kg]	24.000	34.000
<b>Inside dimensions of superstructure</b>		
Length [m]	8,10	9,90
Width [m]	2,34	2,34
Height [m]	1,50	1,50
Height with extension [m]	2,20	2,20
<b>Loading capacity</b>		
Loading capacity [m <sup>3</sup> ]	28,0	35,0
Loading capacity with extension [m <sup>3</sup> ]	42,0	52,0

Figures, technical data and weights may change due to technical development and are not binding for delivery.

## Operation

– simple and practical



### Direct connection

- Standard equipment
- Simple & robust



### Electro-hydraulic operation via E-Control

- Intuitively arranged toggle switches for each function
- Infinitely variable adjustment of conveyor speed via potentiometer
- Additional conveyor operation at the rear of the vehicle







[www.strautmann.com](http://www.strautmann.com)

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