



Conveyor belt wagon

Aperion



Infinite perfection

-The Strautmann conveyor belt wagons



Optional extensions
for increased
transport capacity

Robust plastic side panels
for gentle transport

Optional beaters
can be quickly removed
when not in use

Continuous conveyor belt
for easy charging and
discharging

**Tandem or
tridem chassis**
for optimum driving comfort

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
Dimensions		
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
Dead weight		
Dead weight[kg]	8.200	10.200
Gross vehicle weight rating		
with bottom linkage [kg]	24.000	34.000
Inside dimensions of superstructure		
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
Loading capacity		
Loading capacity [m ³]	28,0	35,0
Loading capacity with extension [m ³]	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





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