



strautmann



Conveyor belt wagon

Aperion



Infinite perfection

-The Strautmann conveyor belt wagons



The Strautmann Aperia

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 Aperia offers!



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Continuous conveyor
for an infinite variety of possibilities



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



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

- More than 25 carrying and supporting rollers ensure optimum support of the conveyor and guarantee smooth discharge
- Sealed and maintenance-free ball bearings

Versatile tailgate

Most diverse discharge options for maximum flexibility



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



Gentle & controlled

- Optional tailgate with hydraulic potato gate
- Controlled discharge of potatoes
- Loading into receiving hopper without any problems by means of firmly installed sheet metal chute
- Usual function of tailgate usable without any constraints



Easy dosing

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



Tailgate with overhead loading auger

- Replaceable tailgate with overhead loading auger
- Use as a grain auger wagon for grain and grain maize possible
- Tailgate can be opened a little → Use as a transport vehicle still possible
- Equipped with a standard camera system

Robust & safe
on three chassis



Boogie tandem chassis

- Chassis with parabolic suspension with large pendulum radius
- Suspension point beneath the axles enables easy travelling onto the silo



Hydraulic tandem chassis

- Optional 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 electro-hydraulic forced steering axle system



Comfortable linkage

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

Diverse size options The Aperion extension concept

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



Robust & simple

- Firmly screwed extensions
- For the transport of large-sized goods



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

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

Operation



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



ISOBUS control

- Large coloured screen
- Automatic discharge mode
- Monitoring of tailgate and beaters
- Conveyor and tailgate operation at the rear of the vehicle
- Operation via ISOBUS multi-function joystick possible

Technical data

	Aperion 2101 with tyres 710/50 R 26.5	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	2,55
Height [m]	3,85	3,95	3,95
Length [m]	8,65	9,75	11,55
Outside wheel width [m]	2,81	2,81	2,81
Dead weight			
Dead weight[kg]	7.300	8.200	10.200
Gross vehicle weight rating			
with top linkage [kg]	20.000	-	-
with bottom linkage [kg]	21.000	24.000	34.000
Inside dimensions of superstructure			
Length [m]	6,90	8,10	9,90
Width [m]	2,34	2,34	2,34
Height [m]	1,50	1,50	1,50
Height with extension [m]	2,20	2,20	2,20
Loading capacity			
Loading capacity [m ³]	24,0	28,0	35,0
Loading capacity with extension [m ³]	35,5	42,0	52,0

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





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