



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

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

- 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 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



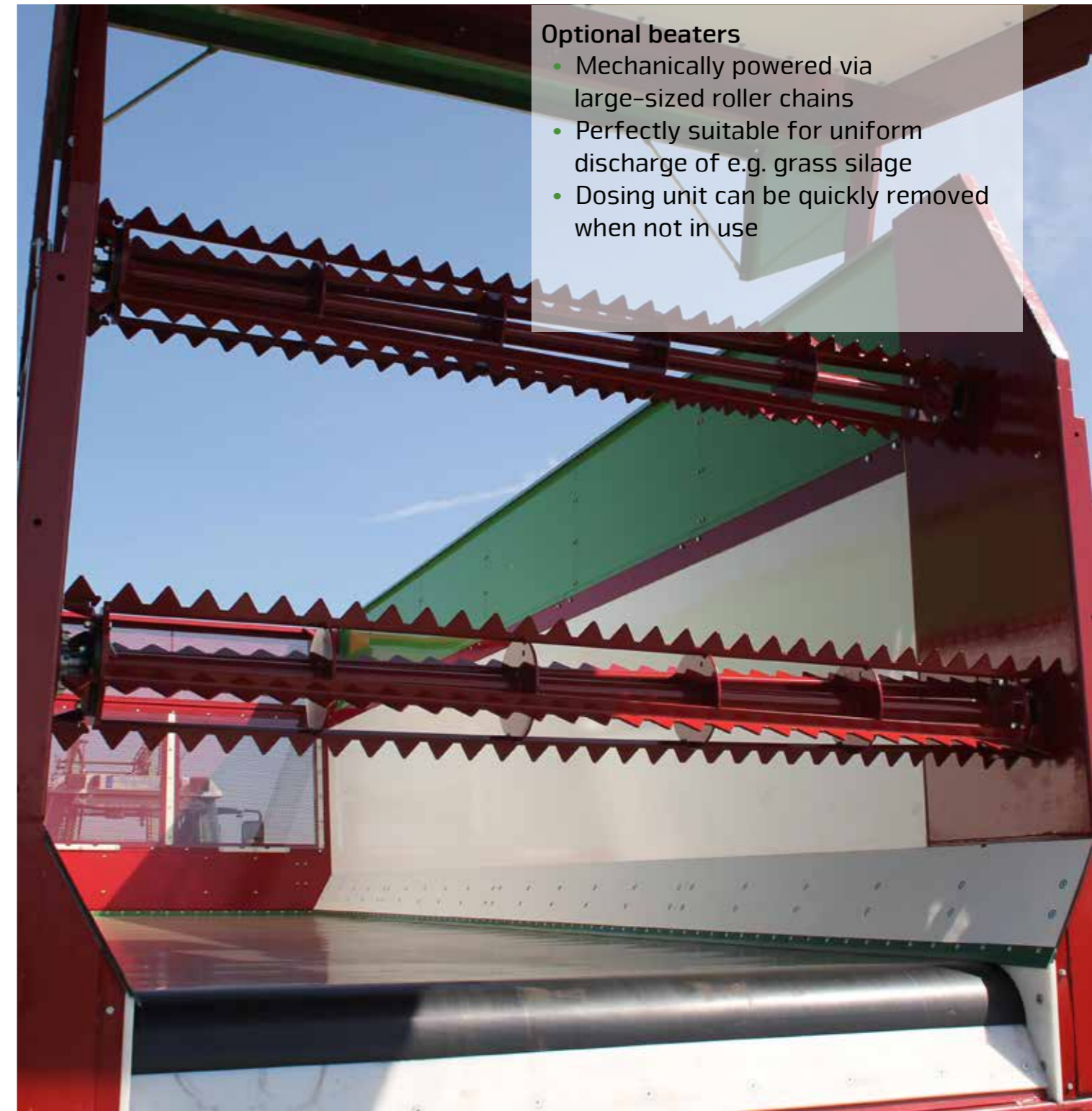
Fast & comfortable

- 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 systems 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



Hydraulic sliding cover

- Watertight covering by means of tarpaulin
- Easy operation via hydraulic motor
- Perfectly suitable for grain covering
- Mounting on basic superstructure

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.





Strautmann main production facility in Bad Laer

www.straumann.com

B. Strautmann & Söhne GmbH u. Co. KG is a medium-sized family-owned business in the administrative district of Osnabrück having already celebrated its 80th anniversary of existence and now being managed by the third generation. In a modern plant at the second production site in Lwówek (Poland), Strautmann manufactures individual machine components and, apart from that,

also parts of the machine programme such as tipping trailers or buckets. As a machine manufacturer offering a wide range of machinery for cattle feeding, green fodder harvesting, universal spreaders and transport technology as well as in the field of charging and dosing technology for biogas plants Strautmann is the competent partner for almost any customer in this industry.



Pol-Strautmann



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