



Conveyor belt wagon

Aperion



Infinite perfection

–The Strautmann conveyor belt wagons



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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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

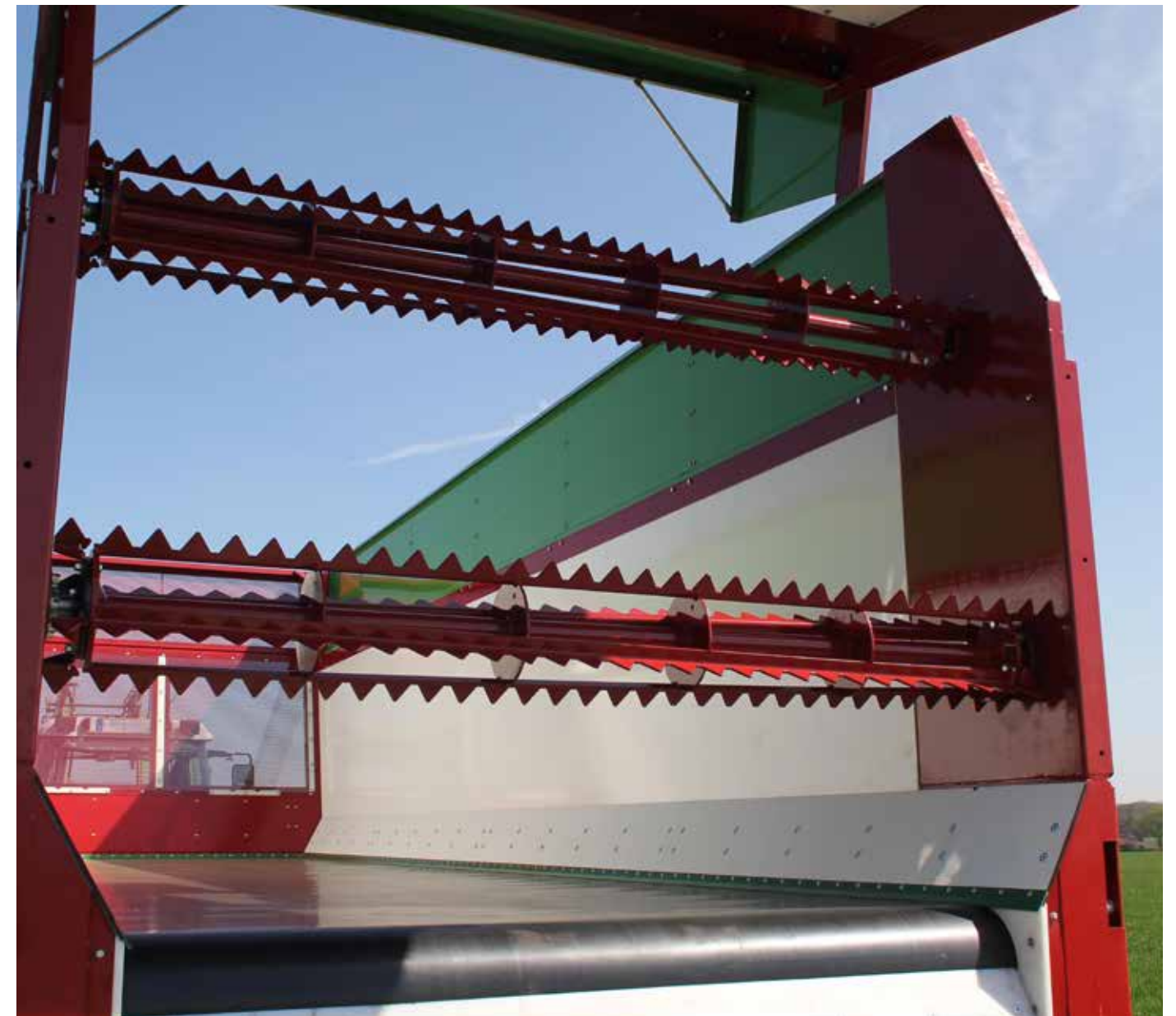


Gentle superstructure

- 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 [m³]	28,0	35,0
Loading capacity with extension [m³]	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



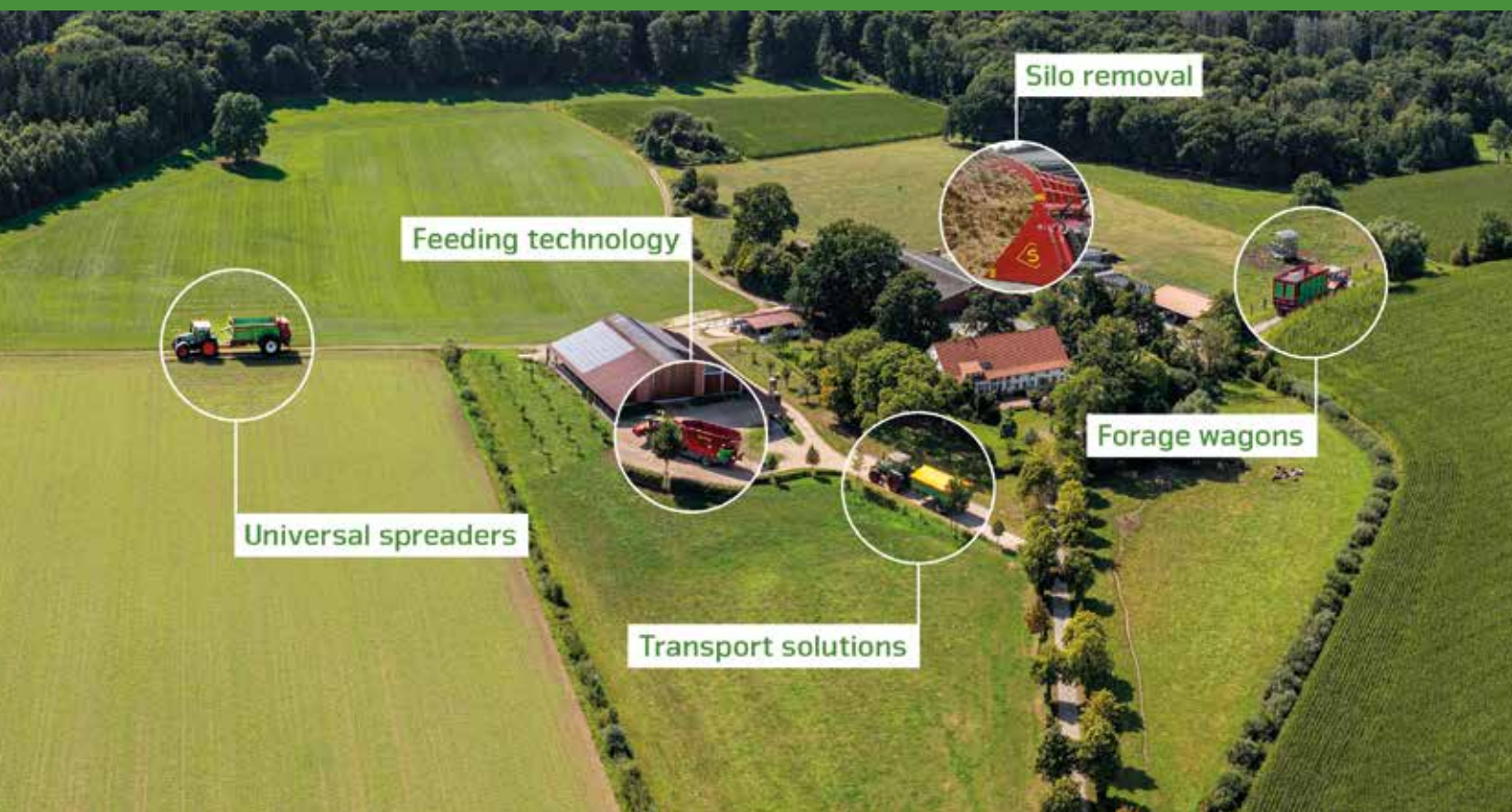
- Direct connection**
- Standard equipment
 - Simple & robust



- 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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