STRAUTMANN



Conveyor belt wagon

Aperion



Robust plastic side panels

for gentle transport



Infinite perfection

-The Strautmann conveyor belt wagons

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

Wood chips

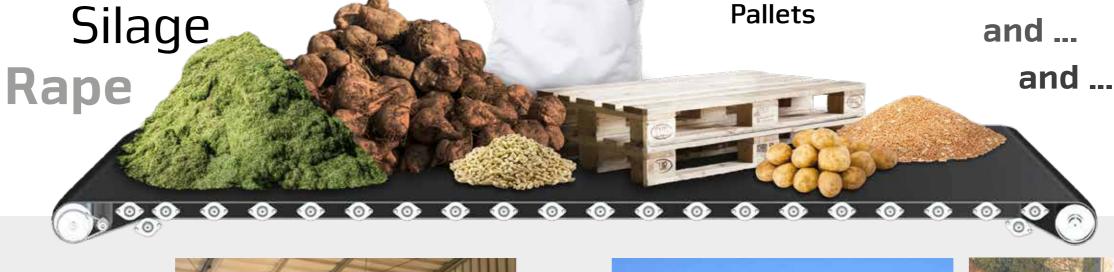
Compost Pellets Grain **Fertiliser**

Straw bales

Big Bags

Pallets

and ...



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!





Potatoes











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

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

Technical modifications reserved







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



Easy dosing

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



Wide opening tailgate

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



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



Technical modifications reserved Technical modifications reserved

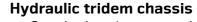






Hydraulic tandem chassis

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



- 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

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

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.



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