



strautmann



Tine-bar forage wagon Ambion

Ambion



Ambion

- The hay & straw expert



4 or 5 tine bars
for gentle charging

Hay superstructure with roof profiles
for maximum volume

Robust tine bar bearing
for long service life

Optional passive steering
protects the sward

Ambion

High harvesting performance and gentle charging are the special features that distinguish the Strautmann forage wagon Ambion. The large-sized hay superstructures ensure maximum transport capacity.

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Gentle charging

- With the Ambion tine-bar assembly

Tine bar bearing

- Lateral spherical bearings
- Twists of the tine bars are compensated for without any problems
- Low maintenance and wear

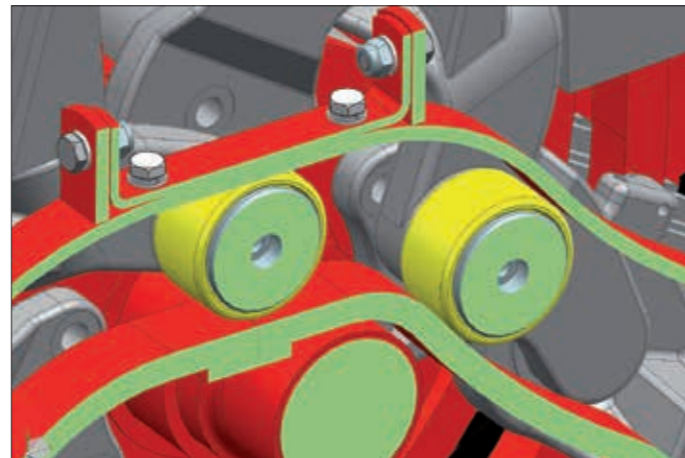
High harvesting performance

The two-sided curved path control enables

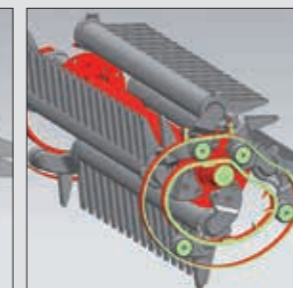
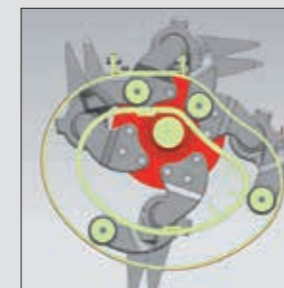
- Maximum harvesting performance
- Long service life

The double tines of the tine bars are guided at an optimum angle of 90° to the conveyor duct trough at any time.

- Low power required
- Exact cutting quality
- Extremely gentle fodder treatment



Technical modifications reserved



Four tine bars (standard)

- Particularly gentle
- Ideal for hay and light materials



Drive

- Tine bars powered via a solid Duplex chain
- Pick-up powered via a reinforced roller chain

4 tine bars

Technical modifications reserved



Five tine bars (optional)

- High harvesting performance
- Durable



Drive

- Powered via solid toothed wheels
- The outer steel bridge prevents the shafts from deflecting when peak loads occur
- Toothed wheel wear due to one-sided abrasion is excluded

5 tine bars

Safe charging, precise cutting



Additional guide wheels

- Optional additional guide wheels behind the pick-up ensure reliable adaptation to the ground



Cutting unit

- Standard equipment with 6 knives (Theoretical cutting length of 240 mm)
- 19 knives (theoretical cutting length of 80 mm) or 37 knives (theoretical cutting length of 40 mm) as optional equipment
- Additional knives are hydraulically extended
- Knife change without use of tools
- Individual knife protection system



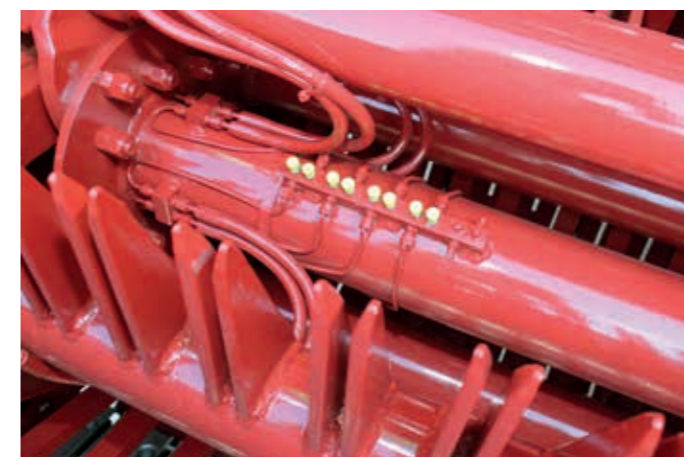
Pick-up

- Galvanised pick-up of 1.8 m in width
- Flexible for good adaptation to the ground
- 5 tine rows, cam-track controlled
- Guide roller in front of the baffle plate for optimum material flow



Guide wheels

- Steerable guide wheels with rubber tyres
- Fine adjustment enables clean fodder intake at all times
- Optimum adaptation to the ground
- Clean picking-up of the material to be loaded



Quick-lubrication system

- All lubricating nipples of the tine bars and control bearings are centrally grouped
- Lubricating with one rotor position without any problems
- Time saving of up to 90% for this work

Bottom & superstructure



Hay superstructure

- High superstructure for large loading capacity
- Robust design with wide guide plates for optimum charging and transport without any losses

Transport floor

- Even feed due to 10 mm strong round steel chains with a breaking load of 13 t each
- Handy profile strips with U-shaped cross-section screwed to the chains

Hydraulic transport floor drive

- Optional two-stage motor for maximum discharging speed
- Standard bumper buffer



Chassis and drawbar



Boogie tandem assembly

- Safe and comfortable driving
- High degree of stability even during cornering
- Large pendulum radius



Steering axle

- Optional equipment
- Protects the sward and reduces tyre wear



Drawbar

- Hydraulic folding drawbar for top or bottom linkage
- Optional hydro-pneumatic drawbar suspension for optimum driving comfort
- Clearly arranged hose holder enables easy coupling

Operation

Several operating options enable an adapted and easy operation



- **Electro-hydraulic easy-to-use control**
- Standard
- Operation of hydraulic functions via toggle switch
- Comfortable & easy



STRAUTMANN ISOBUS CONTROL SET

- Optional extra
- Illuminated soft keys for comfortable operation
- Optimum control of the discharging process, the transport floor and the additional functions
- Also suitable for less experienced drivers

Technical data

| | Ambion 440 extension low / high | Ambion 500 extension low / high |
|---|------------------------------------|------------------------------------|
| Overall dimensions | | |
| Length [m] | 10,75 | 12,00 |
| Outside wheel width with 10-t chassis, 500/50-17 tyres [m] | 2,60 | 2,60 |
| Outside wheel width with 13-t chassis, 620/40 R 22.5 tyres [m] | 2,72 | 2,72 |
| Outside wheel width with 13-t chassis reinforced, 710/40 R 22.5 tyres [m] | 2,81 | 2,81 |
| Height with 10-t chassis, 500/50-17 tyres [m] | 3,81 / 3,99 | 3,81 / 3,99 |
| Height with 13-t chassis, 620/40 R 22.5 tyres [m] | 3,94 / 4,12 | 3,94 / 4,12 |
| Height with 13-t chassis reinforced, 710/40 R 22.5 tyres [m] | 4,00 / 4,18 | 4,00 / 4,18 |
| Cargo space dimensions | | |
| Height [m] | 2,42 / 2,60 | 2,42 / 2,60 |
| Width [m] | 2,10 | 2,10 |
| Length [m] | 8,02 | 9,07 |
| Dead weight | | |
| Dead weight, standard equipment [kg] | 5.400 | 5.900 |
| Gross vehicle weight rating | | |
| Gross vehicle weight rating, standard equipment [kg] | 12.000 | 12.000 |
| Gross vehicle weight rating, optional equipment [kg] | 15.000 | 15.000 |
| Power required | | |
| Power required from [HP] | 80 | 90 |
| Loading capacity, medium compression | | |
| Loading capacity, medium compression [m ³] | 67,2 / 71,4 | 78,2 / 83,3 |
| Loading capacity according to DIN 11741 | | |
| Loading capacity according to DIN 11741 [m ³] | 39,5 / 42,0 | 46,0 / 49,0 |
| Additional data | | |
| Conveying unit type | Schwinge | Schwinge |
| Picking-up width of pick-up [m] | 1,80 | 1,80 |
| Number of knives [pcs.] | 6 / 19 / 37 | 6 / 19 / 37 |
| Theoretical cutting length [mm] | 240 / 80 / 40 | 240 / 80 / 40 |

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





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