



***strautmann***



Tine-bar forage wagon

**Ambion**



# Ambion

## – The expert for gentle charging



### Ambion

High harvesting performance and gentle charging are the special features which distinguish the Strautmann Ambion forage wagon. The large-sized hay superstructures ensure maximum transport capacities. The silage superstructure ensures efficient charging even when harvesting grass.

### Contents

Gentle charging	4-5
Safe charging, precise cutting	6-7
Superstructure options	8-9
Bottom & drawbar	10
Chassis and tyres	12-13
Operation	14
Technical data	15



# Gentle charging

## – With the Ambion tine-bar assembly

### Tine bar bearing

- Lateral spherical bearings for a long service life
- Twists of tine bars are compensated for without any problems
- Low maintenance and wear

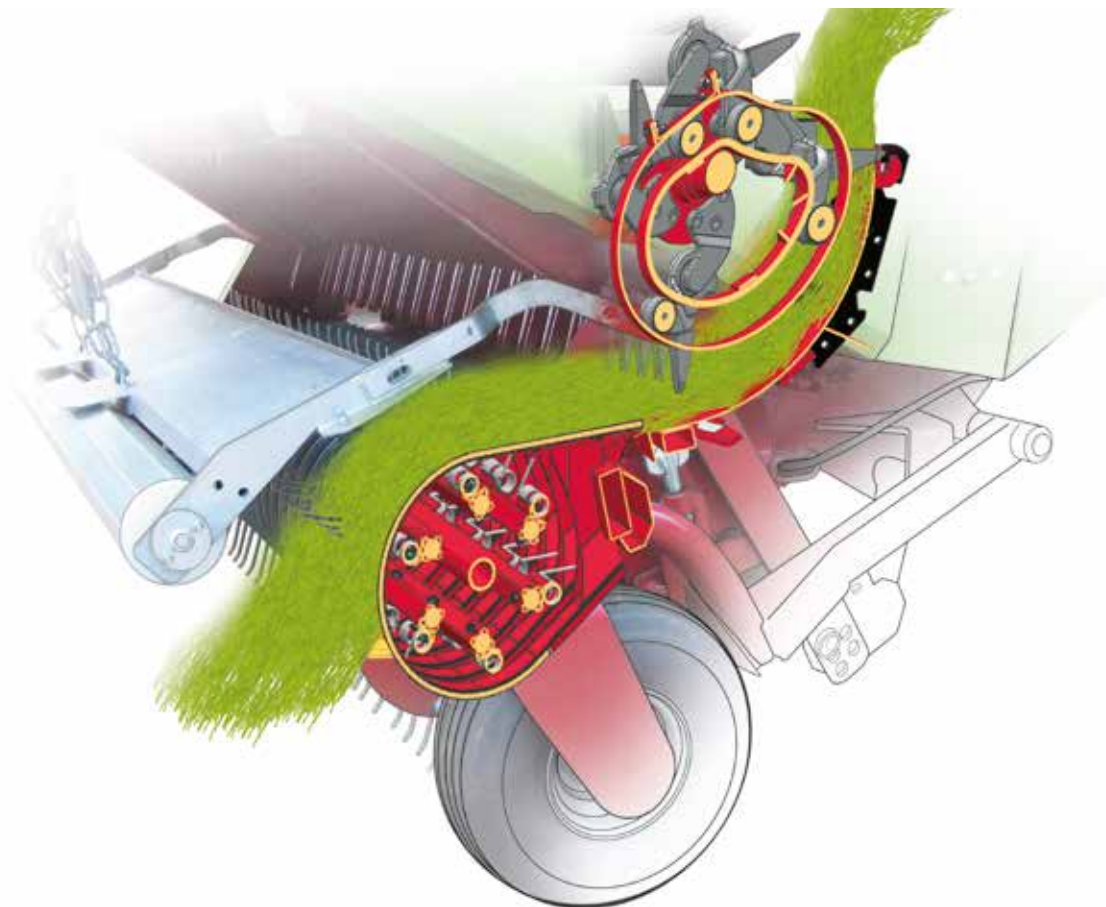
### High harvesting performance

The two-sided curved path control enables:

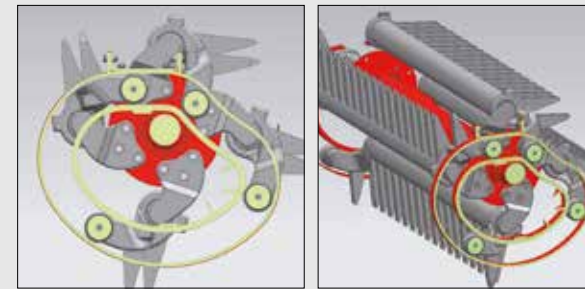
- Maximum harvesting performance
- Long service life

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
- Spring-loaded chain tensioner for rare re-tightening

4 tine bars



### Five tine bars (optional)

- High harvesting performance
- Durable



### Drive

- Powered via large-sized toothed wheels
- The outer steel bridge ensures maximum stability
- Toothed wheel wear due to one-sided abrasion is excluded

5 tine bars



Technical modifications reserved



## Whether hay or grass

- 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 (240 mm of theoretical cutting length)
- 19 knives (80 mm of theoretical cutting length) or 37 knives (40 mm of theoretical cutting length) as optional equipment
- Additional knives are hydraulically extended
- Easy handling due to knife change without use of tools
- Individual knife protection system for reliable safeguarding against foreign objects



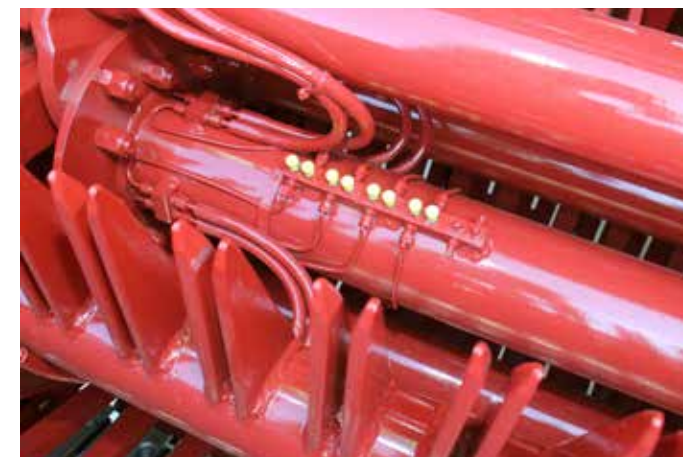
### Pick-up

- 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 proper fodder intake at all times
- Proper picking-up of material to be loaded



### Quick-lubrication system

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



## Hay superstructure

– The voluminous one



## Silage superstructure

– The compact one



### Superstructure

- Particularly large-sized superstructure for powerful transport of dry fodder or straw
- Robust design with sturdy side posts
- Widely opening tailgate ensures fast discharge



### Superstructure

- Profiled sheets with sturdy side posts
- Superstructure brackets with ropes enable maximum transport capacities



### Roof profiles

- Robust roof profiles consisting of broad guide plates
- Compression of loaded material to increase transport capacity
- Road transport without any losses, in particular for light loaded material such as dry fodder or straw



### Dosing unit

- 2 beaters discharge a neat swathe on the silo
- 3 beaters as optional equipment for even more precise discharge
- Easy distribution and reliable compression ensure optimum silage quality



## Transport floor



### Transport floor

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



### Hydraulic transport floor drive

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

## Drawbar and linkage



### Drawbar

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



See machines in action:



Just scan the QR code or visit the Strautmann YouTube Channel.





## Chassis and tyres

– For all needs



### Chassis options



#### Spring-loaded boogie tandem assembly

- Safe and comfortable driving
- High degree of stability even during cornering
- Large pendulum radius
- Depending on the intended use, chassis with an axle load of 10 – 13 t are available
- Thus, in combination with corresponding tyres, even low overall heights can be implemented for fresh fodder harvesting.



#### Steering axle

- Optional equipment
- Protects the sward and reduces tyre wear



#### Tyre options

- Various tyre sizes are available for different requirements
- Large tyres up to size 710/40 R 22.5 ensure ground-protecting charging and a high degree of stability on slopes



# Operation

Several operating options enable an adapted and easy operation



**Electro-hydraulic easy-to-use control**

- Standard equipment
- Operation of hydraulic functions via toggle switch
- Comfortable & easy

**STRAUTMANN ISOBUS "SMART 570"**

The Strautmann ISOBUS control helps you to have all machine functions under control at any time.



- Optional extra
- 5.7" coloured touch screen
- Optimum control of the charging and discharging process and safe road travel
- Intuitive and comfortable operation of machine due to right-handed usage

**ISOBUS TERMINALS**



Exemplary illustration of Fendt terminal

Due to the compatibility of the Strautmann ISOBUS control (ISOBUS AEF certification), most varied terminals can be used for the Strautmann forage wagons. Thus, depending on the tractor type, all machine functions can also be operated via the tractor joystick.

Technical modifications reserved

# Technical data

	Ambion 250 wi- thout beaters / with beaters	Ambion 290 wi- thout beaters / with beaters	Ambion 360 wi- thout beaters / with beaters	Ambion 440 Low / high extension	Ambion 500 Low / high extension
Overall dimensions					
Length [m]	8.15 / 8.78	8.95 / 9.58	10.35 / 10.98	10.75	12.00
Outside wheel width with 10-t chassis, 500/50-17 tyres [m]	2.60	2.60	2.60	2.60	2.60
Outside wheel width with 13-t chassis, 620/40 R 22.5 tyres [m]	2.72	2.72	2.72	2.72	2.72
Outside wheel width with 13-t chassis reinforced, 710/40 R 22.5 tyres [m]		2.81	2.81	2.81	2.81
Height with 10-t chassis, 500/50-17 tyres [m]	3.58	3.58	3.58	3.81 / 3.99	3.81 / 3.99
Height with 13-t chassis, 620/40 R 22.5 tyres [m]	3.66	3.66	3.66	3.94 / 4.12	3.94 / 4.12
Height with 13-t chassis reinforced, 710/40 R 22.5 tyres [m]		3.76	3.76	4.00 / 4.18	4.00 / 4.18
Cargo space dimensions					
Height [m]	2.22	2.22	2.22	2.42 / 2.60	2.42 / 2.60
Width [m]	2.10	2.10	2.10	2.10	2.10
Length [m]	5.18	6.08	7.48	8.02	9.07
Dead weight					
Dead weight, standard equipment [kg]	5,600 / 6,100	5,800 / 6,300	6,100 / 6,600	6,400	6,600
Gross vehicle weight rating					
Gross vehicle weight rating, standard equipment [kg]	12,000	12,000	12,000	12,000	12,000
Gross vehicle weight rating, optional equipment [kg]	15,000	15,000	15,000	15,000	15,000
Power required					
Power required from [HP]	60	70	80	80	90
Loading capacity, medium compression					
Loading capacity, medium compression [m³]	40.8	47.6	59.5	67.2 / 71.4	78.2 / 83.3
Loading capacity according to DIN 11741					
Loading capacity according to DIN 11741 [m3]	24	28	35	39.5 / 42.0	46.0 / 49.0
Additional data					
Conveying unit type	Tine bar	Tine bar	Tine bar	Tine bar	Tine bar
Picking-up width of pick-up [m]	1.80	1.80	1.80	1.80	1.80
Number of knives [pcs.]	6 / 19 / 37	6 / 19 / 37	6 / 19 / 37	6 / 19 / 37	6 / 19 / 37
Theoretical cutting length [mm]	240 / 80 / 40	240 / 80 / 40	240 / 80 / 40	240 / 80 / 40	240 / 80 / 40

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

Technical modifications reserved





[www.straumann.com](http://www.straumann.com)

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