



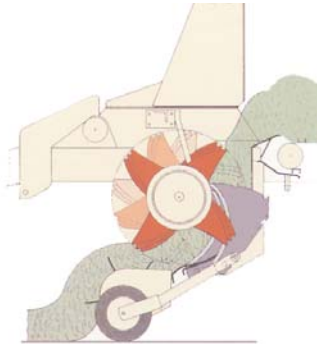
# Forage trailer Super-Vitesse



**steautmann**

The appeal of the Super Vitesse lies first and foremost in its easy trailing and tremendously high performance qualities. Maintenance and repair work is reduced to a minimum thus ensuring high profitability especially for contractors, machinery pools and large-sized farms.

# Easy to trail with high performance qualities



## 1. Feeding unit with cutting assembly consisting of 37 knives

- Robust feeding drum with staggered conveyor blades in four rows, subdivided three times over on various levels
- Driven on both sides via strong duplex chains
- Hardly any moving parts - only two lubricating points
- Individual knife securing mechanism with knife quick-change system



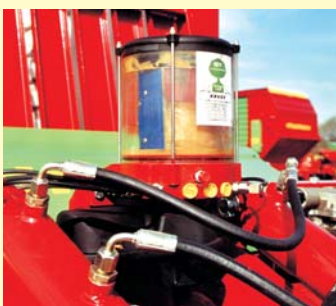
## 2. Loading rotor

The extremely strong loading rotor consists of a thick-walled central tube with 80 mm thick shaft ends and ball bearings of robust design. The conveyor blades welded to the central tube are made of high-grade grain refined steel of 10 mm size. No danger of bending by foreign objects.



## 3. Drive

The two-sided rotor drive via solid duplex chains ensures even power transmission. The loading forces acting on the drive components are thus divided in half and torsions at the rotor drum are excluded.



## 4. Automatic chain lubrication

An automatic chain lubrication device (grease) can be attached on request for the driving chains of the loading rotor and the pick-up. It will reduce the chain wear considerably. As an option, this device can be extended to all lubricating points of the vehicle.



## 5. Cutting unit

The long cutting knives of the Super Vitesse ensure an especially light, pulling cut. Each of the 37 knives mounted on two floors, is secured by an individual knife security mechanism. The theoretical cutting length is 37 mm. The complete cutter bar is swung in and out by means of a hydraulic system.



## 7. Body

All Super Vitesse models have a solid silage body as standard equipment. For the SV I and the SV II models, a silage body with hydraulic top scissors grating can be delivered on request. When folded down, the total height is 2.97 m.



## 6. Hydraulic folding drawbar

The standard equipment of the Super Vitesse includes a hydraulic folding drawbar with double-acting cylinders to run over the stack. This ensures a large ground clearance of up to 64 cm.



## 8. Pick-up

The Super Vitesse pick-up with a width of 1.80 m has been designed for highest harvesting performance. 5 tine rows with a tine distance of 55 mm ensure a clean picking-up of the forage material. The standard guide roller in front of the baffle plate ensures a better swathe guiding speed when picking up the partly-wilted silage.



### 9. Double transport floor

The standard equipment of the Super Vitesse models II-H, II-H DO, III and III DO comprises a double transport floor. The 4 chain strips made of high-tempered material have a tensile



strength of 11 t each. The transport floor of the Super Vitesse models III and III DO is equipped with a two-speed feed motor.



### 11. Electro-hydraulic comfort operation

The hydraulic valves are controlled via an easy-to-operate control panel which is mounted next to the tractor seat. Indicator lights for important functions ensure safe operation.



### 12. Metering unit

Two metering drums equipped with aggressive rip tines ensure a regular swathe distribution on the stack without any winding. As an option, the metering unit is also available with 3 drums.



### 13. Spring-loaded tandem bogie axle

The axle unit of the Super Vitesse consists of a bogie axle mounted in asymmetrically fixed bearing. Thus, the centre of gravity is shifted to the rear and the loading forces acting on the front axle are reduced. It is much easier to run over the stack that way.



### 10. Steerable roller feelers

Large steerable roller feelers with rubber tyres can be adjusted via a precision adjustment mechanism thus ensuring a regular adaptation of the pick-up to soil conditions at all times.



### 14. Transport floor

The hydraulically driven transport floor consists of 2 strong round steel chains with a diameter of 11 mm and high-grip U-profile mounting rails. The Super-Vitesse models II-H / II-H DO / III and III DO are equipped with 4 round steel chains each.

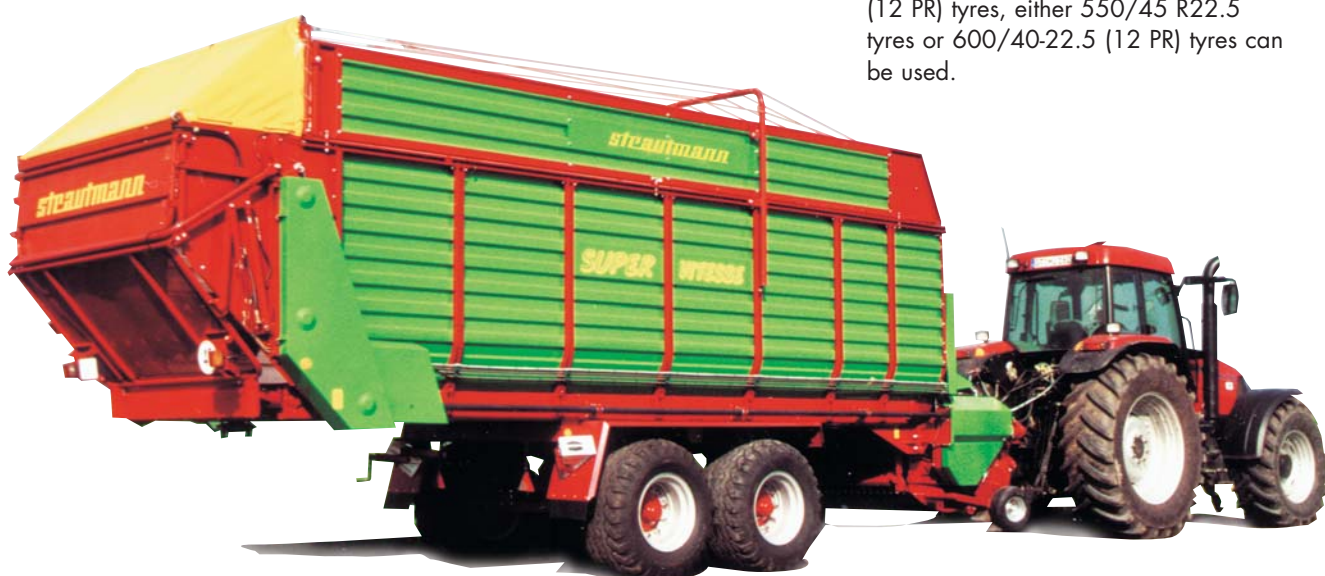
## Super-Vitesse models

### II-H, II DO-H, III und III DO

# High-volume tyres good road behaviour

#### High chassis

The chassis of the Super Vitesse models II-H, II-H DO, III and III DO have been designed for high-volume tyres. As an alternative to the standard 500/55-20 (12 PR) tyres, either 550/45 R22.5 tyres or 600/40-22.5 (12 PR) tyres can be used.



#### Forage trailer Super-Vitesse (SV)

Model		SV I	SV II	SV II-H	SV III	SV I DO	SV II DO	SV II DO-H	SV III DO
Total length	m	7,85	8,55	8,55	9,35	8,60	9,30	9,30	10,10
Total width	m	2,37	2,37	2,37	2,37	2,45	2,45	2,45	2,45
Total height									
Silage body (Standard)	m	3,65	3,65	3,82	3,82	3,65	3,65	3,82	3,82
Silage body with scissors grating									
unfolded	m	3,44	3,44	-	-	-	-	-	-
folded down	m	2,97	2,97	-	-	-	-	-	-
Loading capacity acc.DIN	m <sup>3</sup>	25,0	28,0	28,0	32,0	25,0	28,0	28,0	32,0
Loading cap. medium press.	m <sup>3</sup>	45,5	51,0	51,0	56,0	45,5	51,0	51,0	51,0
Pick-up uptake width	m	1,80	1,80	1,80	1,80	1,80	1,80	1,80	1,80
Gross vehicle weight rating*	kg	8000	8000	15000	15000	8000	8000	15000	15000
Optional	kg	12000	12000	-	-	12000	12000	-	-
Tare weight	kg	4830	4930	5950	6150	5330	5430	6450	6650
Power take-off speed	RPM	1000	1000	1000	1000	1000	1000	1000	1000
Power requirement from	kW (HP)	66 (90)	74 (100)	74 (100)	88 (120)	66 (90)	74 (100)	74 (100)	88 (120)
Tyres		19/45-17 (10 PR)	19/45-17 (10 PR)	500/55-20 (12 PR)	500/55-20 (12 PR)	19/45-17 (10 PR)	19/45-17 (10 PR)	500/55-20 (12 PR)	500/55-20 (12 PR)

All diagrams, technical data and weights are subject to change by way of ongoing technical development of our products and are therefore not binding for delivery.

# Super- Vitesse

the multi-purpose  
forage trailer



Program  
**straumann**



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