



**straumann**



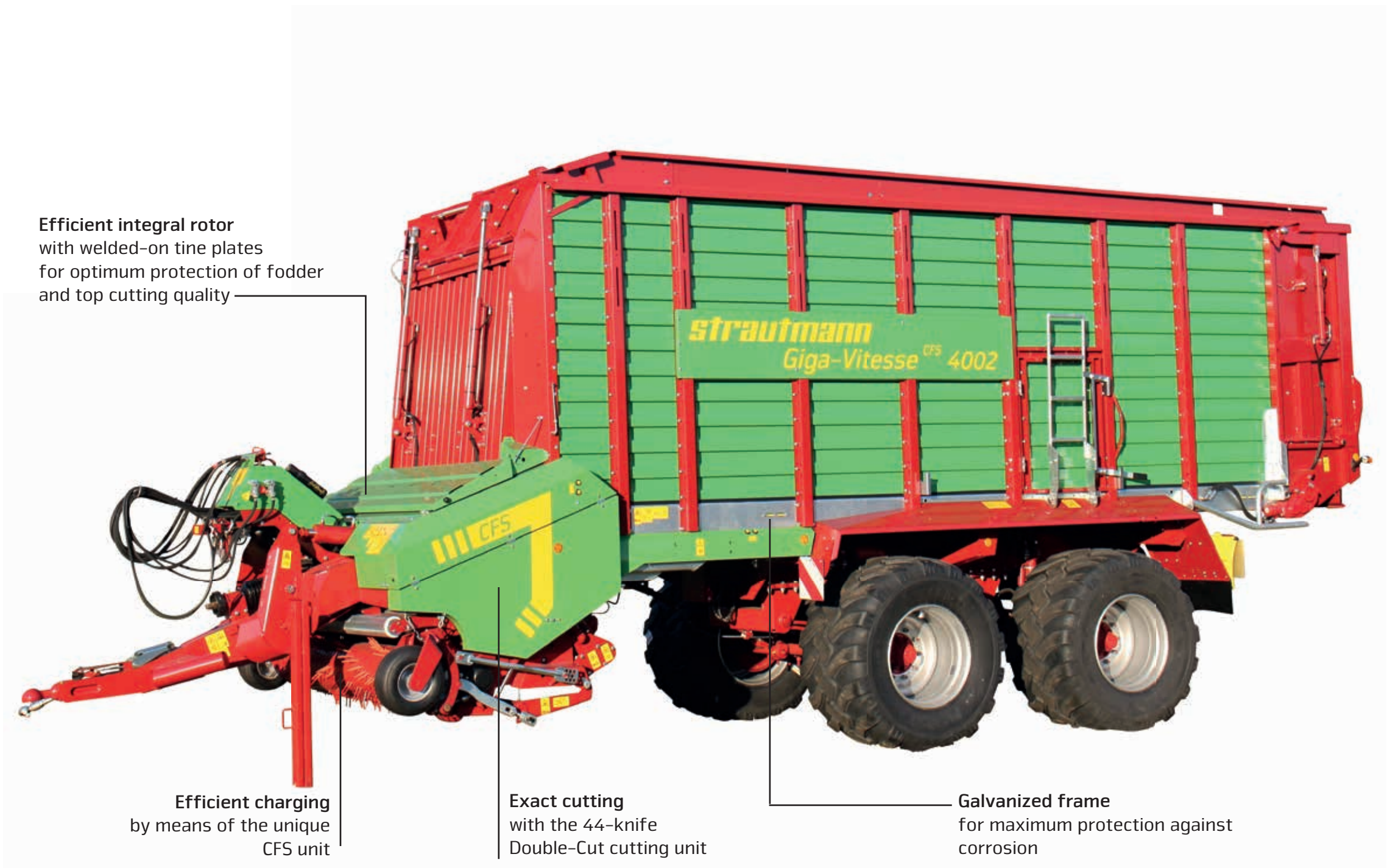
Multi-purpose forage wagon

Giga-Vitesse<sup>CFS</sup> 02



# Gigantic and powerful

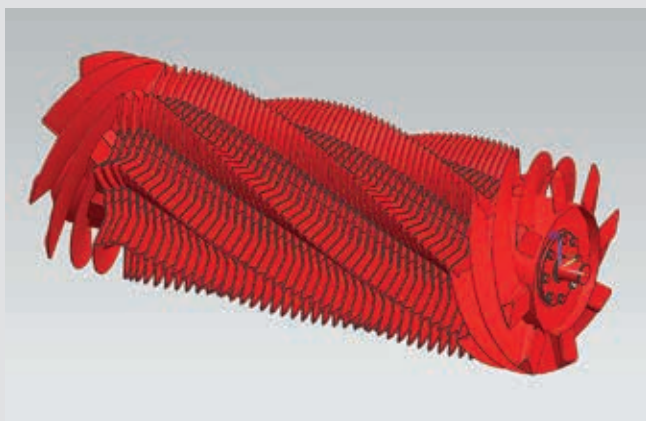
## – The Strautmann Giga-Vitesse <sup>CFS</sup> 02



### Giga-Vitesse <sup>CFS</sup> 02

Large loading capacity and particularly easy towing due to the unique Continuous Flow System (<sup>CFS</sup>).

- Loading capacity of 32 – 42 m<sup>3</sup>
- CFS unit
- Efficient
- Easy towing



### Contents

Pick-up and rotor	4-5
Uncompromising conveying unit	6-7
Bottom & superstructure	8-9
Clever dosing	10-11
Safety & comfort	12-13
Operation	14
Technical data	15

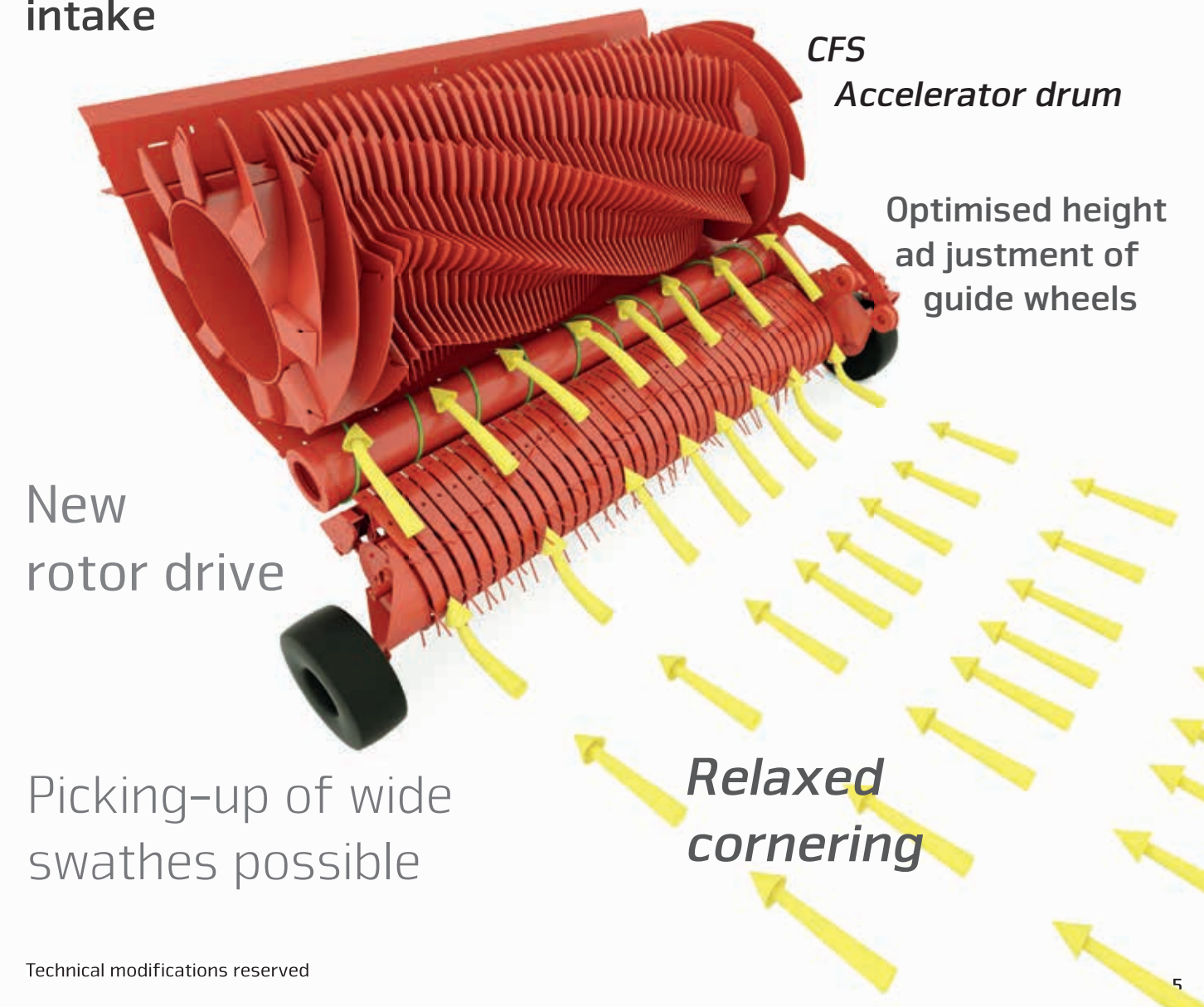


## Pick-up and rotor – For optimum fodder quality



The new Strautmann Giga-Vitesse <sup>CFS</sup> 02 presents a revised conveying unit. The new pick-up impresses by a picking-up width of 2.25 m and new guide wheels for optimum height adjustment. A new integral rotor which reliably conveys even large swathes through the cutting unit into the cargo space, has been specifically developed for the new conveying unit, while the user can rely on the usual advantages such as even load of the components, optimum cutting quality and smooth operation of the Strautmann CFS conveying unit.

### Steady fodder intake



Picking-up of wide swathes possible



## Uncompromising conveying unit



### Extended pick-up

- New standard 2.25 m wide pick-up
- Camless with plastic strippers for minimum wear
- 6 tine rows placed in V-shape
- Flat standing pick-up for optimum adaptation to ground
- Road travel possible without folding of guide wheels
- Homogeneous fodder intake due to double roller crop guard

### Proven drum

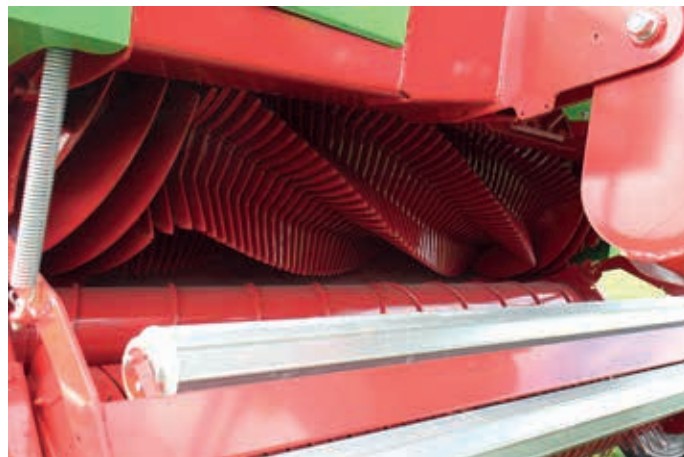
- CFS drum over the entire pick-up width
- Active delivery from the pick-up to the rotor for maximum throughput rate

### New integral rotor

- Overall rotor width 2.10 m
- Conveying width 1.60 m with 8 helical tine rows
- Wide swathes are compactly conveyed to the conveyor duct

### Robust integral augers

- 25 cm wide integral elements on both sides
- 6 mm thick auger windings to bring the material reliably together
- Auger windings end on conveying tines



### Rotor drive

- Rotor drive via oil-bath gearbox and in planetary set integrated in the rotor
- Reduction of speed only shortly in front of rotor  
→ reduced torque load in the power train

### Perfectly adapted to exact cutting

- Strippers and tines are arranged at a large angle to each other
- Careful handling of fodder and saving of energy
- Welded-on tine plates ensure permanent precise cut
- Special armoring on top of the tine plates as anti-wear protection

### Extremely sleek for convincing results

- 44-knife Double-Cut cutting unit
- Knives can be used on both sides
- Cutting length of 35 mm
- Knife change without use of tools
- Knife bar can be hydraulically swivelled out

### Well-known advantages

- Even load of cutting unit over the entire width
- Excellent cutting quality
- Full utilisation of cargo space
- Smooth and economical charging without peak loads



Technical modifications reserved

Technical modifications reserved



## Bottom & superstructure



### Versatile use

- Upper part of front panel optionally hydraulically folding
- Full features as transport vehicle in forage harvesting ensured



### Easy access

- Convenient access door
- Folding ladder
- Galvanised ladder for long service life



### Solid superstructure

- All-steel superstructure
- Continuous side panels with reinforced side posts provide stability



### Wooden floor

- Safe guiding of the round steel chains in embedded metal rails
- Large-sized chain sprockets for reliable drive
- Clean discharging via screwed U-shaped steel strips



### Galvanised steel floor

- In combination with low-wear plate-link chains
- Transport floor chains welded with robust square pipes
- Automatic chain tensioners for minimum maintenance required
  - Chains are tightened separately
- Long service life due to screwed wearing rails



### Practical maize plate

- Ideal for use as a multi-purpose wagon
- Prevents the loaded material from falling into the rotor duct
- Can be easily and quickly mounted



### Powerful drive

- Feed gearing with powerful oil motors on both sides
- Standard 2-level switching



## Clever dosing



### Effective beaters

- For even fodder discharge on the silo
- Dosing unit with 3 standard beaters
- Equipped with aggressive ripping tines



### Robust drive

- Powered by large-sized roller chains
- Safety switch-off at the bottom beater
- When the wagon is full, the bottom beater evades to the rear thus stopping the transport floor feed via a sensor



### Optimum filling degree

- Load-protection bars prevent the fodder from overflowing
- Standard automatic charging system
- Presetting of filling degree possible
- Deflected feelers start the transport floor



### Solid tailgate

- With mechanical locking mechanism
- Wide opening option for quick discharge
- With integrated pressure switch for level indicator (on wagons without dosing unit)





## Safety & comfort

### – On the field and on the road

#### Different chassis options

ensure optimum driving comfort and safety at any time:



#### Boogie tandem chassis

- Standard
- Chassis with parabolic suspension for an admissible axle load of 18 t
- Large pendulum radius of axles



#### Hydraulic tandem chassis

- For an admissible axle load of 20 t
- Improved driving comfort at high speeds
- Optional for Giga-Vitesse<sup>CFS</sup> 4002 & 4402
- Even load distribution onto all wheels
- Optional suspension for perfect driving characteristics



#### Passive steering axle

- Standard equipment on tandem chassis
- Excessive friction of the wheels on the ground is prevented
- Protection of sward



#### Electronic forced steering axle

- Optional extra on tandem chassis
  - Standard equipment on tridem chassis
  - The SES system („Strautmann Electronic Steering“) provides a high degree of driving stability
  - Adjustment of steering angle to the speed
- Excellent manoeuvrability of the Giga-Vitesse<sup>CFS</sup>



#### Easily aim high

- Standard hydraulic folding drawbar for bottom linkage
  - With double-acting cylinders
  - For comfortable and easy travelling over the silo
  - Standard hydraulic drawbar suspension
  - Up to a tongue load of 4 t
  - Short propeller shaft due to intermediate bearing on the drawbar
- Long service life and smooth running



#### Optimum adaptation to ground

- Guide wheels at the pick-up ensure flexible adaptation to the ground
- Optionally available with additional guide wheels behind the pick-up for easier working even on soft or wet ground



# Operation

Several operating options enable an adapted and easy operation of the Giga-Vitesse<sup>CFS</sup>



## FIELD OPERATOR 120

- Standard
- Illuminated soft keys for comfortable operation
- Optimum control of the discharging process, the transport floor and the additional functions
- Integrated automatic discharging systems make operation easier

## FIELD OPERATOR 130

- Available as an optional extra
- Saving of drawbar heights possible
- External operation of folding drawbar and knife bar
- Coloured screen

## ISOBUS-TERMINALS



New Holland



John Deere



Massey Ferguson



Fendt

Due to the compatibility of the Strautmann ISOBUS control system, most different terminals can be used for the Strautmann forage wagons:

# Technical data

	Giga-Vitesse CFS 3602 without beaters / with beaters with tyres 710/50 R 26.5	Giga-Vitesse CFS 4002 with beaters / without beaters with tyres 710/50 R 26.5	Giga-Vitesse CFS 4402 without beaters / with beaters with tyres 710/50 R 26.5
Dimensions			
Width [m]	2,55	2,55	2,55
Height [m]	4,00	4,00	4,00
Length [m]	9,42	10,22	11,02
Outside wheel width [m]	2,81	2,81	2,81
Tare weight			
Tare weight [kg]	9.300 / 9.700	9.700 / 10.100	10.200 / 10.600
Gross vehicle weight rating			
with bottom linkage [kg]	22.000	22.000	22.000
Power required			
Power required from [kW/PS]	107/145	118/160	132/180
Loading capacity, medium compression			
Loading capacity, medium compression m³	64,6 / 60,8	72,2 / 68,4	79,8 / 76,0
Loading capacity according to DIN 11741			
Loading capacity according to DIN 11741 [m³]	34,0 / 32,0	38,0 / 36,0	42,0 / 40,0
Additional data			
Conveying unit type	Rotor	Rotor	Rotor
Number of knives [pcs.]	44	44	44
Picking-up width of pick-up [m]	2,25	2,25	2,25
Theoretical cutting length [mm]	35	35	35

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







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

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