



Silage removal and distribution technology

Silo block cutter,
distribution wagon and
Silage buckets



Reliability – with over 35 years' experience

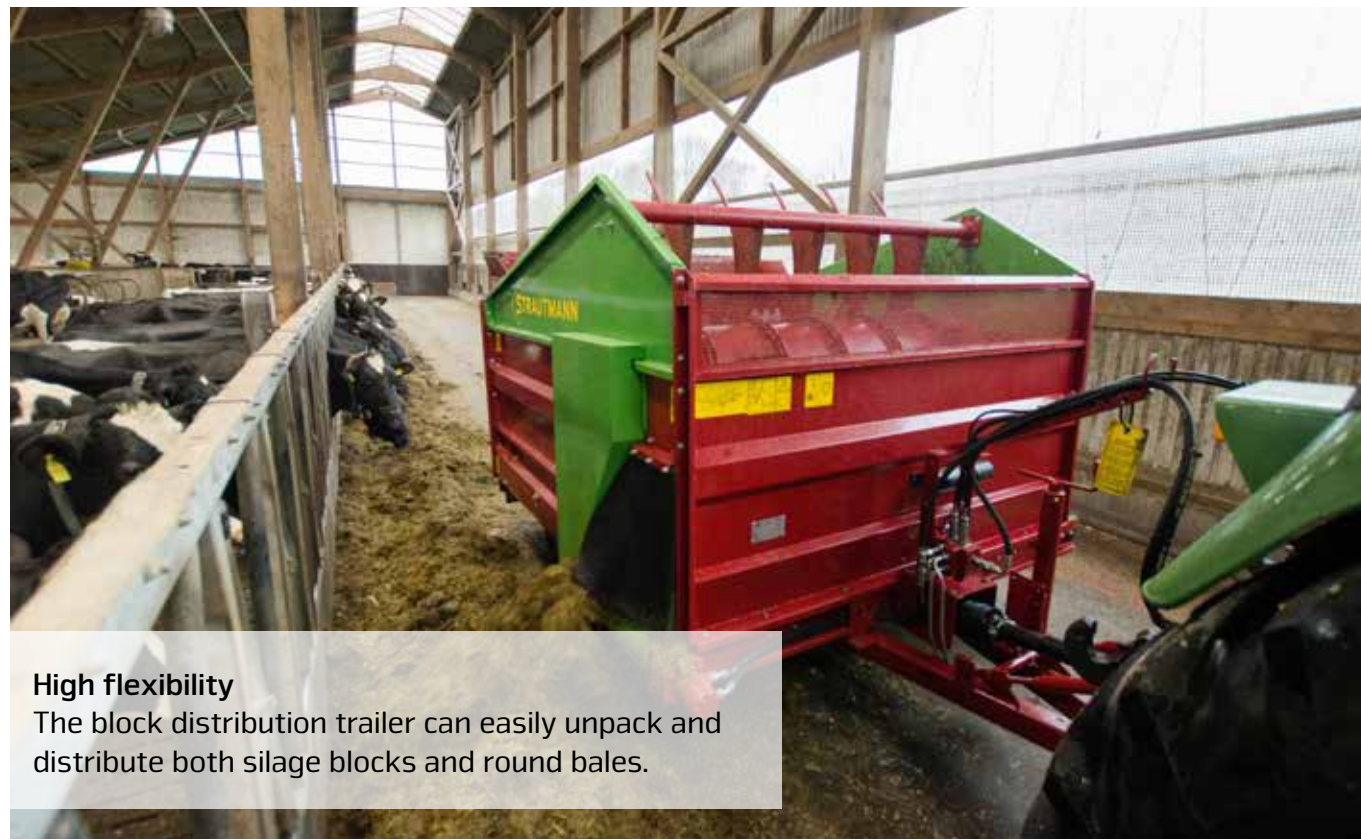
Because your animals need to be fed 365 days a year!



Efficient silage removal
Precise cutting of silage blocks using our HQ plus silage block cutter.



Easy to use
Precise removal of silage using our silage buckets



High flexibility
The block distribution trailer can easily unpack and distribute both silage blocks and round bales.

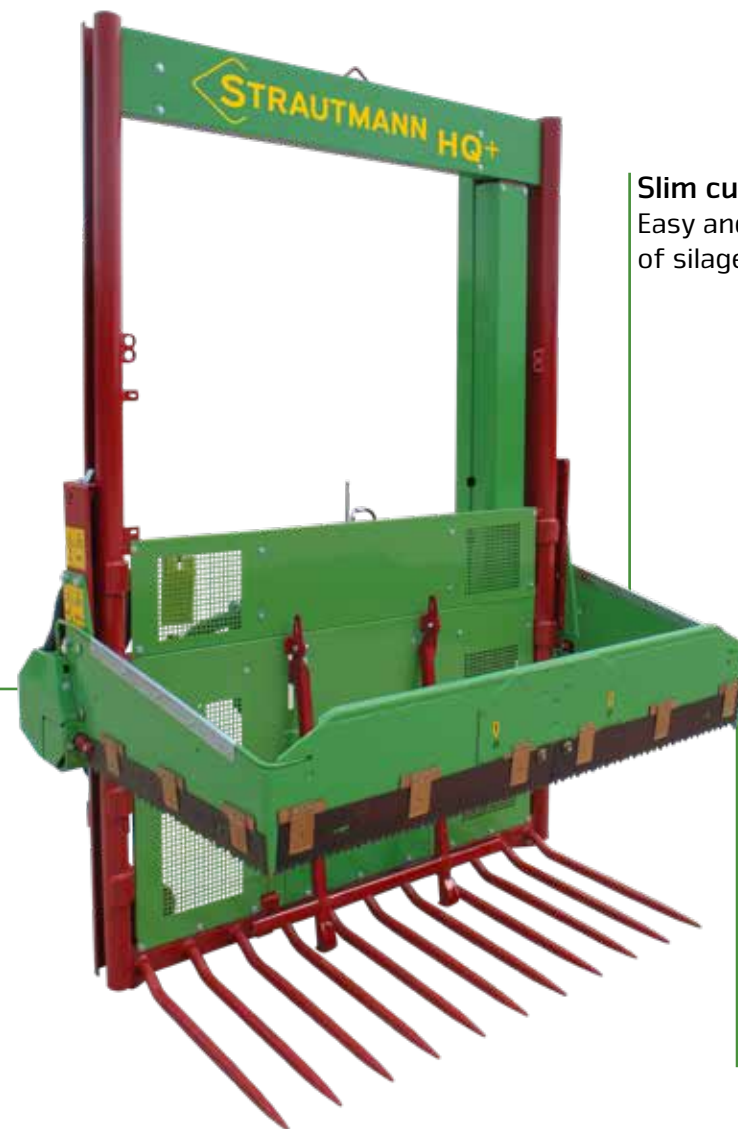


Uniform feed distribution
The feed distribution trolley ensures that feed is distributed evenly and in a controlled manner throughout the barn.

Hydrofox – HQ plus Silo Block Cutter

A success story since 1971

In 1971, Strautmann presented the first silo block cutter, thus revolutionising silage pick-up. Today, the silo block cutter is still a proven machine which ensures particularly clean picking-up in the clamp silo. Thanks to an improved knife drive, the Hydrofox HQ plus offers a loading capacity of 1.75–2.80 m² and still has an optimum cutting surface.



Slim cutting bar
Easy and quick cutting
of silage

Wide cutting frame
Optimal use of the
tractor's width

Full blade movement
thanks to the hydraulic
stroke reversal of the
blade drive

Tried-and-tested equipment for optimum dispensing performance



The HQ plus impresses with its extremely fast and clean cut. Thanks to its robust construction, high reliability and tried-and-tested technology, it is ideal for daily use on the farm.

The silo block cutter enables clean removal right up to the silo wall. Its close attachment to the tractor ensures excellent centre-of-gravity distribution and allows the silo to be emptied quickly – this reduces post-heating and preserves the quality of the forage.



Lifting frame

The silo block cutter is available with an optional lifting frame and features the tried-and-tested forced feed system – ideal for extremely hard silage. An integrated hydraulic system enables a cutting pressure of up to 220 bar, independent of the tractor's hydraulics. The automatic feed control adjusts automatically to the density of the silage, ensuring maximum extraction performance at all times.



Hitching-up

Thanks to its close-fitting design on the tractor, the silo block cutter offers optimum handling. The hitch is available in two versions – Cat. 2 as standard or Cat. 3.

Tried-and-tested equipment
for optimum dispensing performance



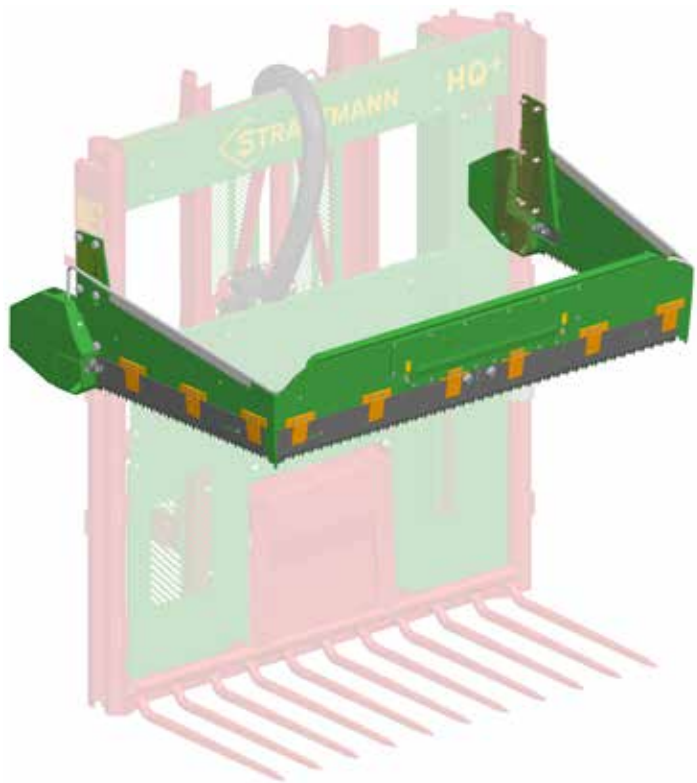
Pusher

The mechanical pusher is fitted as standard and enables the silo block to be lowered precisely using spring tension. A hydraulic pusher is also available as an option, offering additional convenience and ease of use.



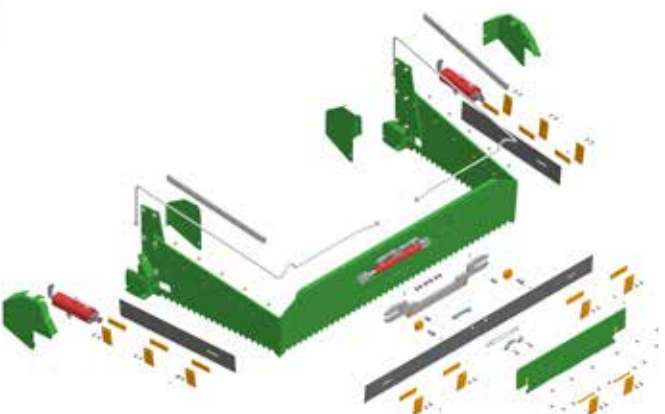
Operation

Operation is carried out as standard via a direct connection, whereby, depending on the function, either a single-acting control unit with a return or a double-acting control unit is required. An electro-hydraulic remote control is available as an option, allowing convenient control directly from the tractor. The HQ operates at a flow rate of 55 litres at a pressure of 210 bar.



Cutting frame

The cutting frame offers impressive performance with minimal cutting resistance thanks to its narrow cutting bar. This is driven by two double-acting hydraulic cylinders at the rear, which enables the compact design. The use of tried-and-tested knife steel ensures a long service life.

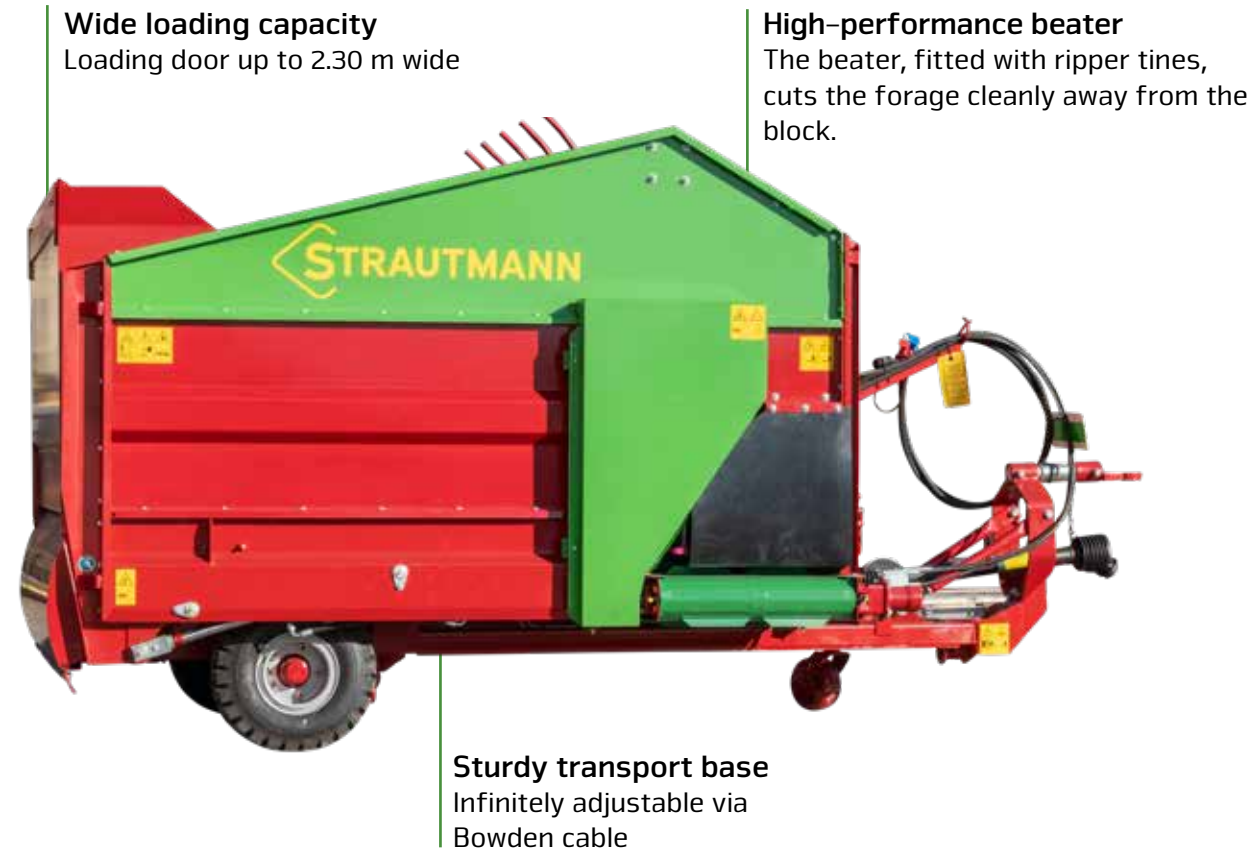


Technical data	HQ plus 1750	HQ plus 2200	HQ plus 2500	HQ plus 2800
Dimensions				
Depth [m]	1,20	1,20	1,20	1,20
Width [m]	2,00	2,00	2,00	2,00
Height [m]	2,05	2,35	2,55	2,75
Max. picking-up height of basic machine* [m]	1,66	1,96	2,16	2,36
Max. picking-up height with lifting frame 1.25 m [m]	2,40	2,70	2,90	3,10
Number of tines [pcs.]	11	11	11	11
Dead weight [kg]				
Basic machine from	565	590	620	630
with lifting frame from	740	765	795	805
Loading capacity [m³]				
Loading capacity	1,75	2,20	2,50	2,80
Bale size [m]				
Depth	0,83	0,83	0,83	0,83
Width	1,80	1,80	1,80	1,80
Height	1,16	1,46	1,66	1,86

*depending on tractor type and attachment variant

Block Distribution Wagon – BVW

The perfect complement to the silo block cutter



Universal Block Distribution Wagon – UBVW

For whole round bales



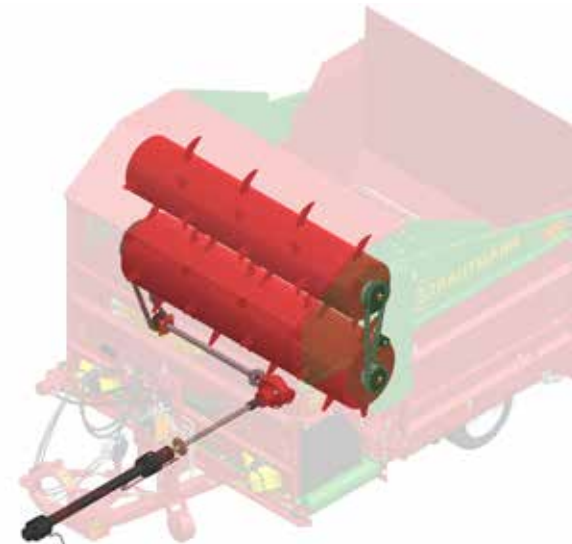
Beaters on the BVW and UBVW

They make all the difference!



Beaters BVW

The BVW's large-diameter feeding roller reliably breaks up even hard silage. The standard retention comb ensures a rapid and thorough breaking-up effect.



Beaters UBVW

The UBVW's large-diameter feeding rollers reliably break up even hard silage. The aggressive tines ensure a rapid and thorough breaking-up action. Thanks to its two rollers, the UBVW is also capable of safely breaking up round and square bales. This allows for flexible use with a wide variety of forage components.

Equipment

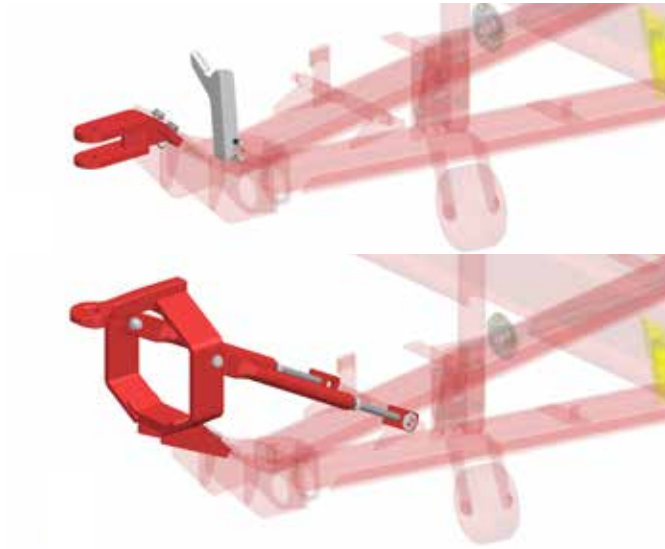
This is the same at the BVW and UBVW



Hydraulic loading door
Silage blocks are simply tipped onto the conveyor belt using the loading shovel. The loading shovel can also be used to pick up bulk materials.



Transport floor
The transport floor is fitted with wide, hot-dip galva-nised transport bars. The speed can be continuously adjusted from the tractor via a Bowden cable.



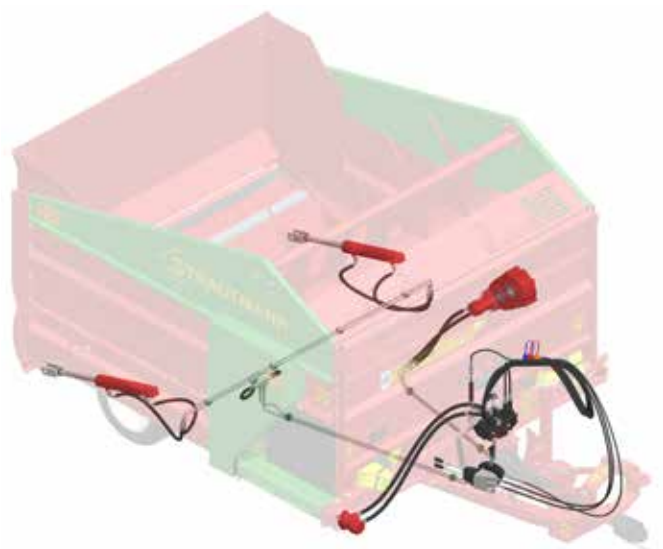
Drawbar
The drawbar is available in both lower and upper couplings for the tractors drawbar, and can therefor be easily adapted to different requirements.



Optional weighing device
Block distribution trolleys can be fitted with an opti-onal weighing system, e.g. the PTM HL 50 model. This allows for the management of up to 50 recipes, each with up to 30 components.



Comfortable fodder discharge
The silage block is reliably broken up in the BVW and UBVW and fed evenly via the cross-conveyor. This ensures a fast and loss-free feed supply directly into the barn.

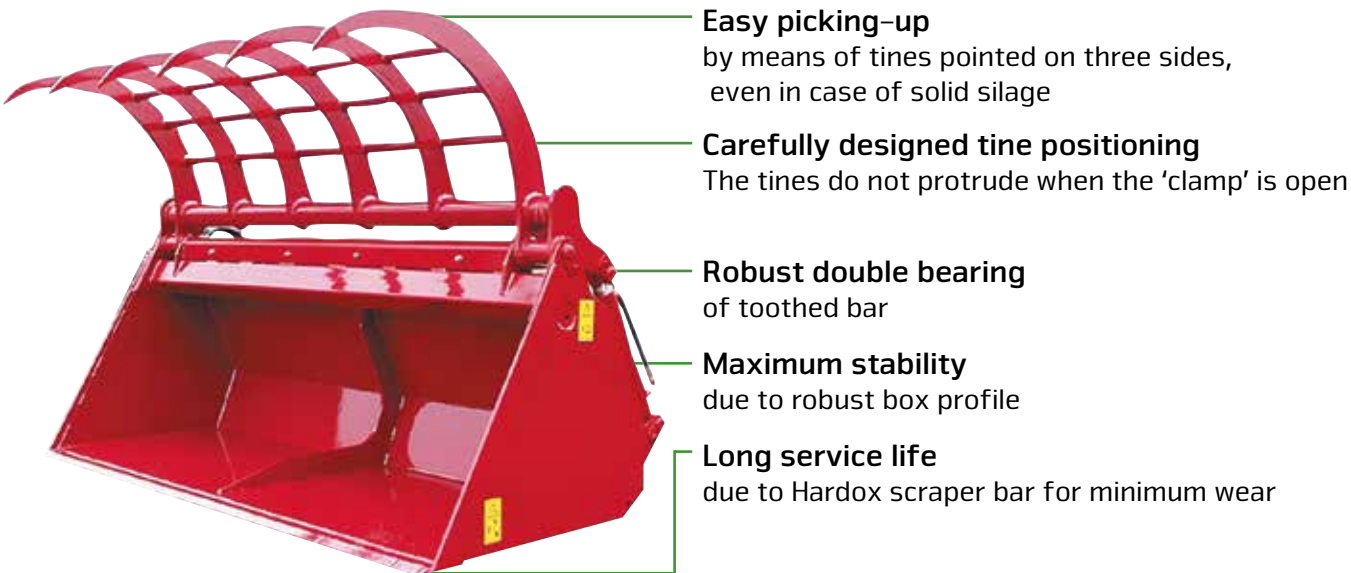


Easy operation
All hydraulic functions are conveniently controlled from the tractor via Bowden cables. The transport floor speed can be adjusted continuously using a control lever. As an option, the speed of the dischar-ge conveyor can also be regulated via a Bowden cable.

Technical data	BVW	UBVW
Dimensions [m]		
Length	3,80	3,80
Width	2,30	2,30
Height	1,80	2,30
Height with bale compressing rake lifted up	-	2,85
Discharge height cross conveyor	0,52	0,52
Dead weight [kg]		
Basic machine	1.700	2.000
Power requirement		
Power requirement [kW/HP]	30/40	30/40
Required hydraulic power [bar]	170	170
Required hydraulic power [l/min]	30	30
Container dimensions (inside) [m]		
Loading space L x W	1,94 x 1,95	1,94 x 1,95
Tailboard L x W	0,91 x 1,92	0,91 x 1,92
Loading capacity [m³]		
Loading capacity	2,85	2,85

Silage buckets – All-Grip

Clean loading



Simple & effective
Buckets or shear grabs are a cost-effective option for clean and quick picking-up of silage. Strautmann offers the appropriate solution for any business: Buckets and grabs in 4 different sizes each. Both products are excellently suited to being used for dosing the components due to the fact that even smaller quantities can be picked up by them.



Technical data	GS 1500	GS 1750	GS 2000	GS 2300
Height [m]	1,01	1,01	1,01	1,01
Width, closed [m]	1,52	1,77	2,02	2,32
Depth [m]	1,15	1,15	1,15	1,15
Capacity [m³]	0,85	0,96	1,10	1,27
Dead weight [kg]	435	474	530	600
Opening width [m]	1,25	1,25	1,25	1,25
Number of gripping tines [pieces]	4	5	6	7
Power required [kW/HP]	45/60	52/70	60/80	66/90



Fodder distribution wagon – FVW

Optimum fodder discharge

Reinforced edge

Made of recycled plastic material
Maximum service life

Hitch

Top hitch as standard
Bottom hitch available as an option



Convenient operation
from the tractor via Bowden cables

Compact, robust, reliable

The FVW impresses with its ease of use, consistent feed delivery and robust construction. Available in four sizes ranging from 10 to 16 m³, with front or rear discharge – for optimum feed distribution in the barn.



FVW 100



FVW 140

Chassis



Tandem axle

For longer journeys on the road and higher speeds, the trailer can be fitted with a sprung tandem axle as an option.



Brake options

Single axle with hydraulic brake or overrun brake for automatic reverse, tandem axle for air brake

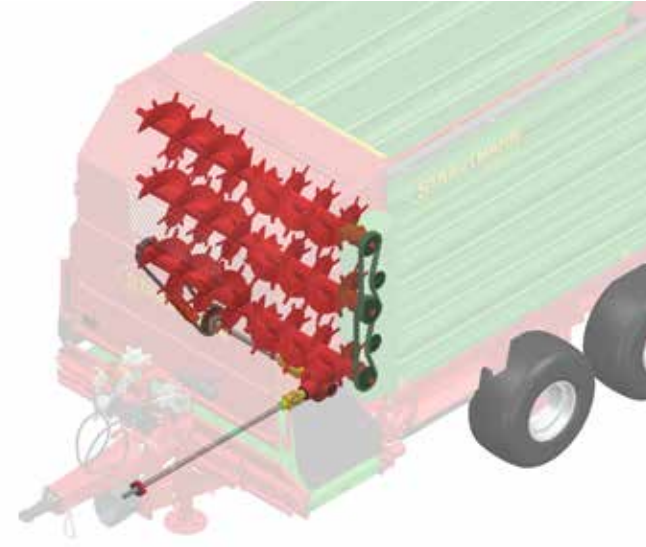


Dosing and Discharge tailored to your business



Slip-proof transport floor

The transport floor is fitted with 13 mm-thick scraper chains and robust slats that can withstand even the most demanding conditions. An automatic chain tensioning system ensures optimum operation, whilst the hydraulic feed mechanism conveys the forage evenly.



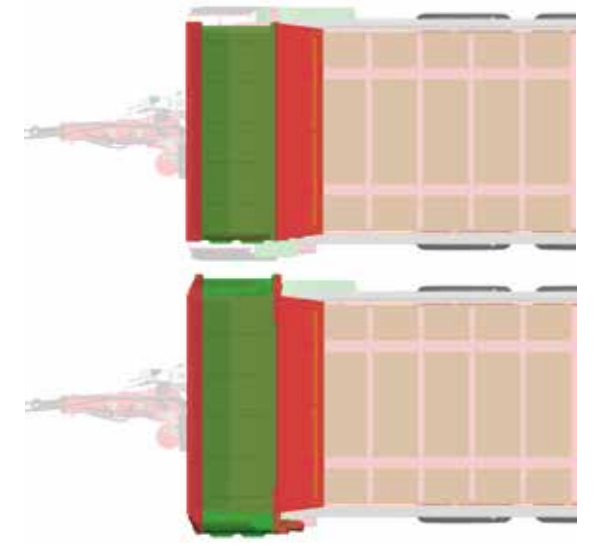
Beaters

The beaters are fitted as standard within a sealed housing, ensuring high stability and a long service life. The FVW 100 and 120 models are fitted with two rollers, whilst the FVW 140 and 160 models have three rollers.



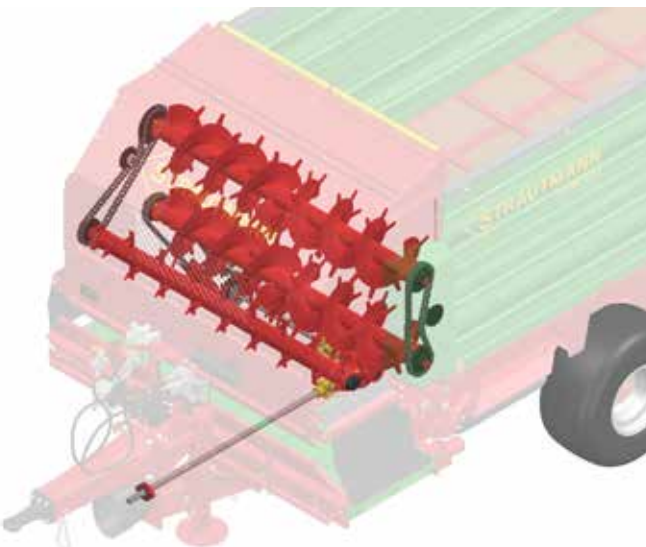
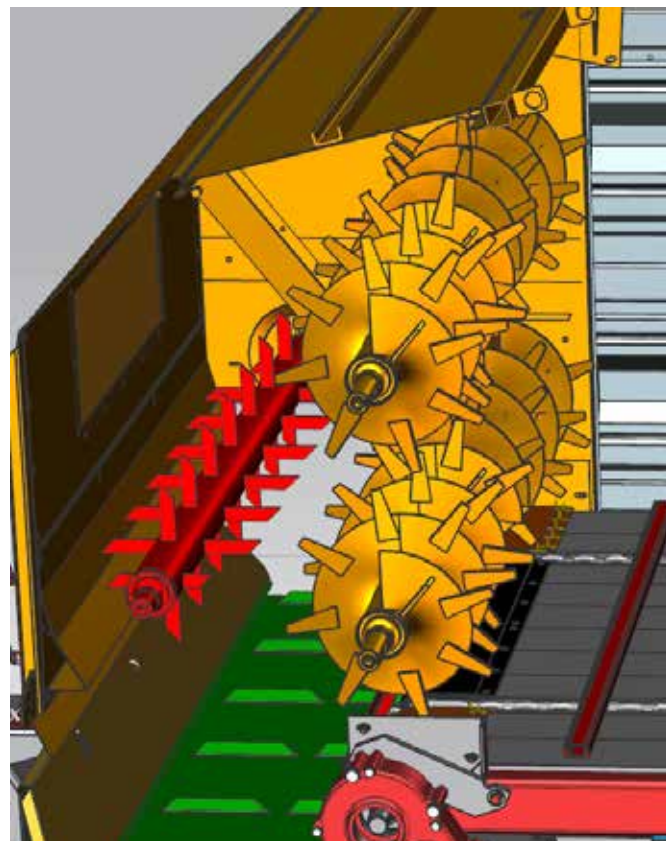
Heavy-duty cross-conveyor

for discharge to the right and left. Can be fitted with speed control as an option.



Conveyor belts

Two different widths are available as standard: 1950 or 2300 mm.



Additional mixing and metering roller

An additional mixing and metering roller is available as an option for the FVW 100 and 120 models. This is positioned above the cross-conveyor belt and ensures better mixing of the feed by creating increased turbulence.



Rear discharge

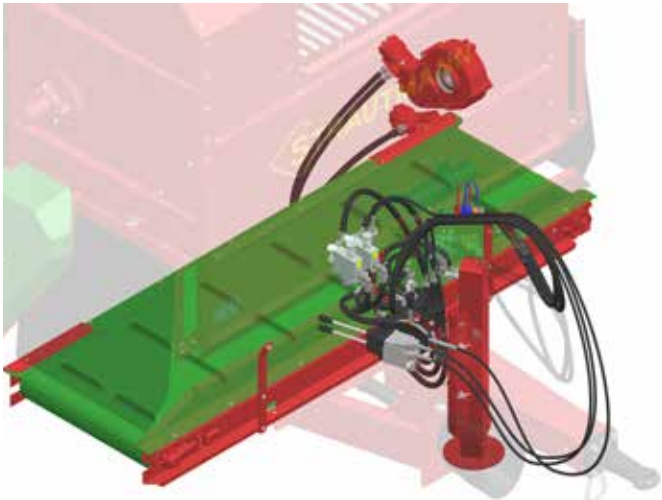
Front or rear discharge possible.



Swing-back rear wall

On FVW models with front discharge, the standard swing-back rear wall with conveyor belt return ensures that unloading can be carried out smoothly towards the rear.

Operation & Weighing



Easy operation
All hydraulic functions are conveniently controlled from the tractor via Bowden cables. Adjustment of the cross-belt speed is available as an option.



PTM HL 50 Weighing Unit
The optional weighing unit is programmable and operates without the need for data transmission. It enables precise feeding. This weighing unit can manage up to 50 recipes, each with up to 30 components.

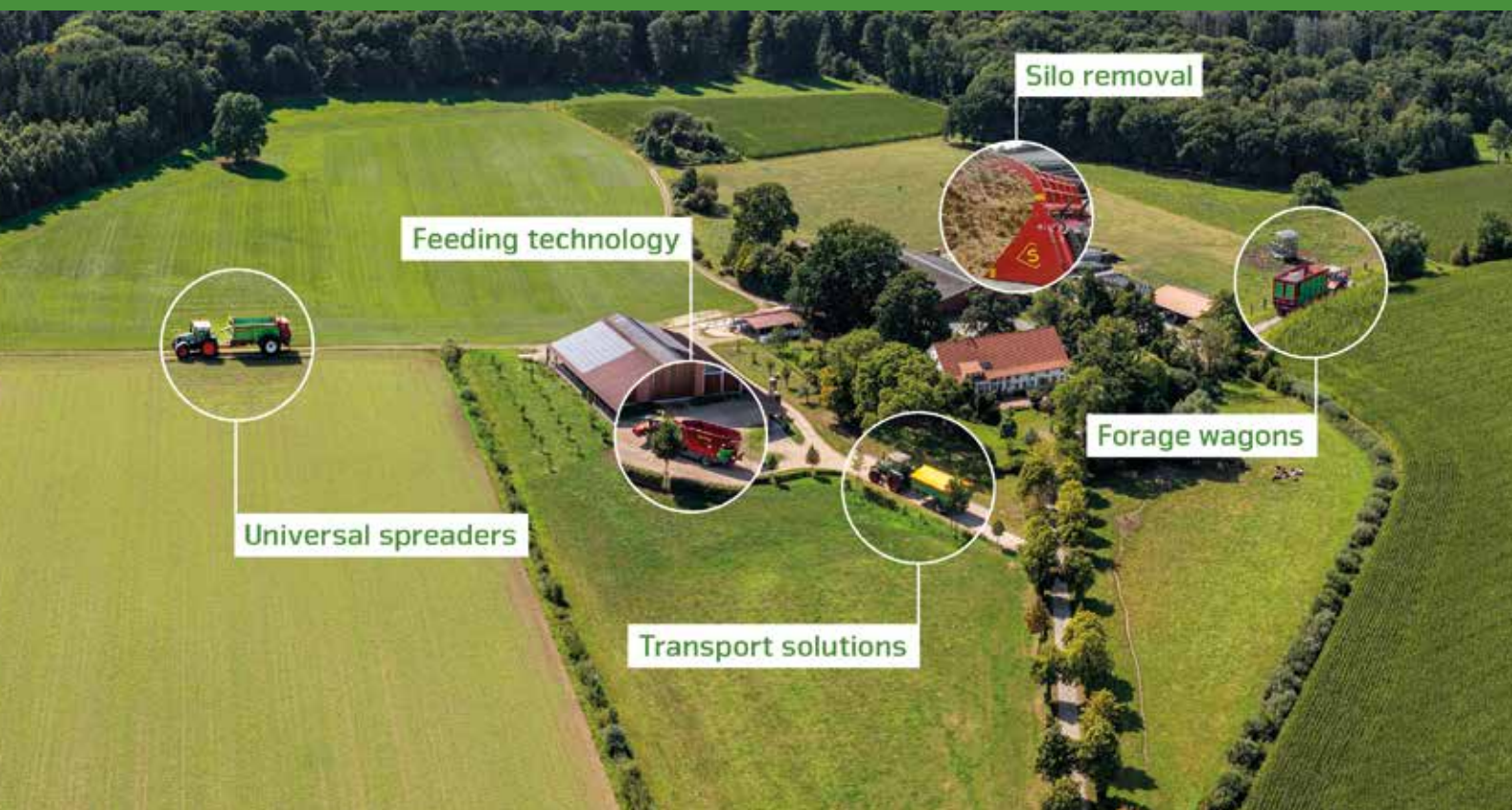


PTM AV 75 Wireless Remote Control
The wireless remote control for the PTM HL 50 and PTM Advance weighing systems allows for convenient operation even from a distance. It has a range of up to 50 metres.



Technical data	FVW 100 / FVW 100-H	FVW 120 / FVW 120-H	FVW 140 / FVW 140-H	FVW 160 / FVW 160-H
Dimensions [m]				
Height	2,32	2,45	2,95	2,95
Width with cross conveyor slim type	2,15	2,15	2,15	2,15
Width with cross conveyor wide type	2,30	2,30	2,30	2,30
Length with cross conveyor front	6,50	7,30	6,50	7,30
Length with cross conveyor rear	6,70	7,50	6,70	7,50
Dead weight [kg]				
with single axle	2.660	2.960	3.160	3.360
with tandem axle	2.860	3.160	3.360	3.560
Gross vehicle weight rating [kg]				
Gross vehicle weight rating	6.900	7.800	8.000	8.000
Permissible drawbar load	1.000	1.250	1.000	1.250
Power requirement [kW/HP]				
Power requirement	30/40	37/50	44/60	52/70
Container dimensions (inside) [m]				
Box dimensions L x W x H	4,4 x 1,8 x 1,2	5,2 x 1,8 x 1,2	4,4 x 1,8 x 1,7	5,2 x 1,8 x 1,7
Loading capacity [m³]				
Loading capacity	10	12	14	16
Tyres				
Single axle with tyres	11.5/80-15,3 (14 PR)	13,5/75-430.9 (14 PR)	13,5/75-430.9 (14 PR)	13,5/75-430.9 (14 PR)

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