



Fodder mixing trailer **Verti-Mix Double**



straumann

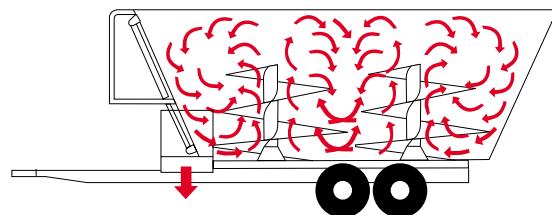
The particularly characteristic features of the fodder mixing trailer models Verti-Mix Double are the large mixing volume and the favourable dimensions (height and width). Based on the vertical mixers well-known for their careful and fast mixing, the Verti-Mix Double has been equipped with 2 vertical augers. This offers the great advantage of being able to quickly chop and mix in even round or cuboid bales. 3 different sizes are available 14 m³, 17 m³ and 20m³.

More flexibility in feeding

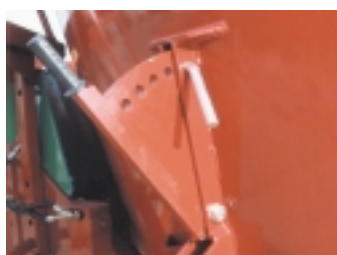


1. Discharge

As an option, the Verti-Mix Double can be equipped with a front or rear discharge conveyor. By means of an extremely wide PVC conveyor that can also be equipped with a speed control, the fodder is deposited right or left on the feeding table. As an optional extra, the Verti-Mix Double models can be equipped with two discharge doors at the right front and the left rear.

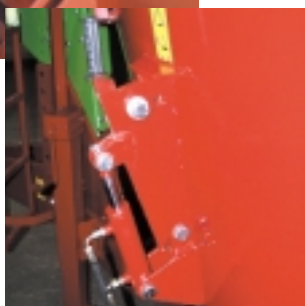


Verti-Mix Double mixing procedure



2. Counter cutting

For handling round or cuboid bales the Verti-Mix Double is equipped with two counter-cutters. Depending on the mixing process, these can be manually adjusted to various positions. As an option, the adjustment can also be effected hydraulically.



3. Operation

The Verti Mix Double models with discharge conveyor are equipped with a standard Bowden cable operation. On vehicles with discharge doors at the right front and the left rear the side doors are directly activated via the tractor control valve.



4. Overflow ring

Particularly in case of highly-structured fodder there is the risk of the fodder being thrown over the container edge during the mixing process. This can be avoided by means of an overflow ring being screwed on the top edge of the container. For low feeding tables an internal overflow ring is available.





5. Crossover conveyor

A bar roll as deflection roller for the PVC conveyor prevents the fodder from being jammed up between the roll and the conveyor and thus damaging the conveyor.

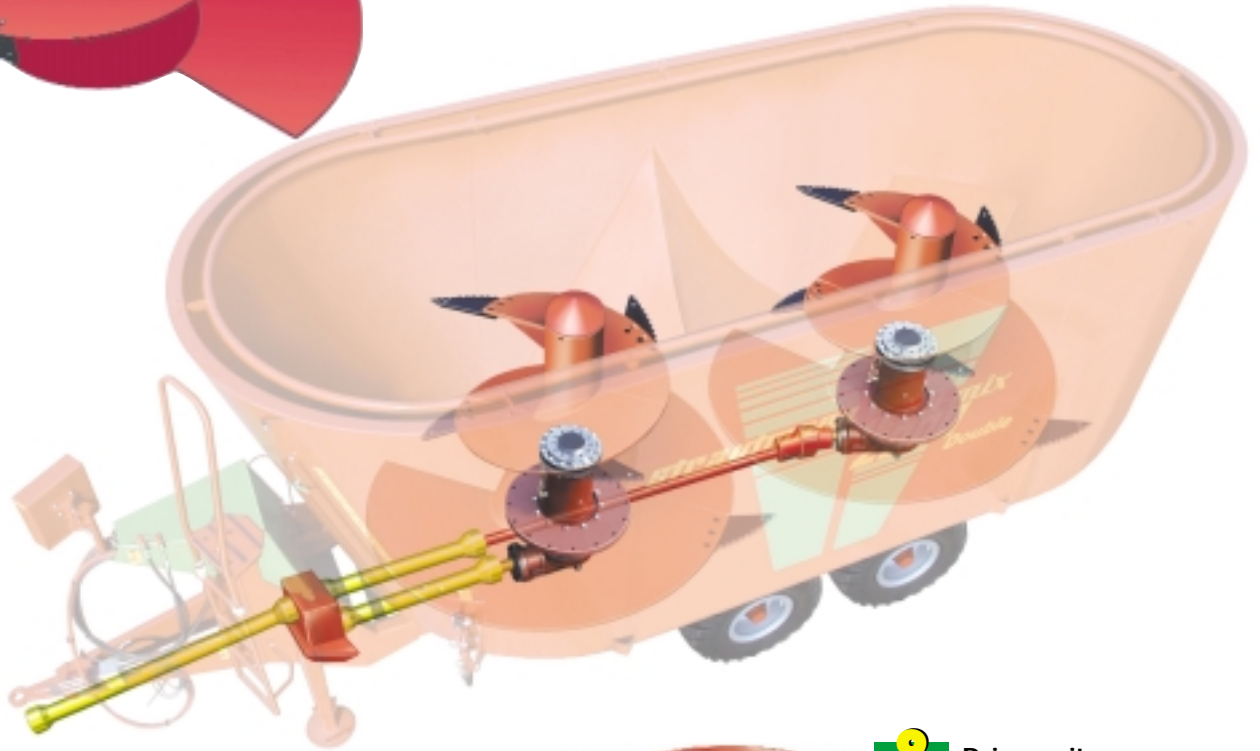
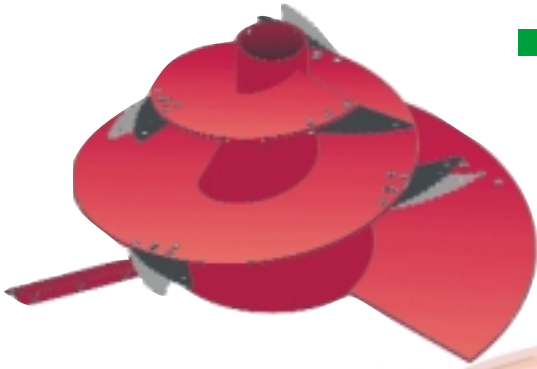


6. Conveyor extension

For higher troughs it is possible to mount a height-adjustable conveyor extension of 1 m laterally to the crossover conveyor. Even in case of an existing side door, an additional conveyor can be mounted in front of the discharging flap, in order to fill higher troughs.

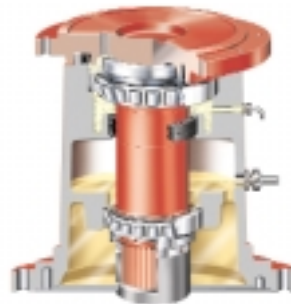
8. Mixing augers

Two mixing augers equipped with sickle-shaped knives guarantee a fast and exact mixing of all fodder components. Even round or cuboid bales are chopped and mixed in by the knives in no time. An additional clearing device fixed opposite the auger entry ensures a consistent metering.



9. Drive unit

A combined two-stage gearbox and power divider gearbox ensures that the power is transmitted separately to the two worm gears via two propeller shafts. This is of advantage as it places equal stress on both transmissions. The extremely robust worm gear consisting of the lower V-drive and the upper output part is designed for continuous and powerful use. The oil lubrication of the transmission is maintenance-free and guarantees a high resistance to wear of the gear parts even under the toughest conditions of use.



7. Mineral feed funnel

A mineral feed funnel can be added to the rear of the mixing container on request. This makes it easier to fill in smaller quantities of fodder.



10. Tandem axle

For longer road travels or for higher speeds, a springborn tandem axle (standard on Verti-Mix Double 2000) is recommended instead of the standard individual axle.



The weighing device is an important component of the fodder mixing trailer. The profitability of the fodder mixing trailer can only be made full use of by an exact metering of the individual fodder components. For this purpose various systems are available for all requirements:

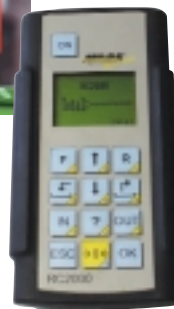
Metering and Weighing



Moba MC 21
Programmable weighing device with memory option. 20 different formulas with 20 fodder components each can be stored and called up.



Moba MC 1050
Adding and weighing device with large display.



Moba RC 2000
The data exchange between the RC 2000 and the fodder mixing trailer is effected via a radio modem. It can be used either as a simple weight display unit or as an electronic metering system. Due to the serial PC connection it is possible to enter and analyze all data at the PC.

Basic equipment

Two vertical mixing augers with sabre-shaped knives
Two-gear gearbox and power divider gearbox for changing of auger speed
Operation via Bowden cables
Discharge conveyor at the front
Braking axle with parking brake and hydraulic service brake perm. up to 6 km/h
Individual axle with double tyres (standard on VM Double 1400 and 1700)
Tandem axle with tyres (standard on VM Double 2000)
Propeller shaft one-sided wide angle
Separate protection of the worm gears by means of shear pin clutch

Fodder mixing trailer Verti-Mix Double

Model		1400	1700	2000
Dimensions Lenght				
- conveyor, front	m	7,40	7,46	7,78
- conveyor, rear	m	6,72	6,92	7,19
Width with conveyor	m	2,15	2,15	2,27
Height with				
- individual axle	m	2,38	2,58	--
- tandem axle	m	2,40	2,60	2,80
Outside width of wheels				
- individual axle	m	2,02	2,02	--
- tandem axle	m	1,93	1,93	2,05
Track with				
- individual axle	m	1,50	1,50	--
- tandem axle	m	1,65	1,65	1,70
Total weight	kg	13.500	14.800	17.500
Capacity	m ³	14	17	20
Power requirement from kW(HP)		59 (80)	67 (90)	74 (100)

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.

Verti-Mix Double

the fodder mixing trailer
for professional use



Program
strautmann



5000/H/0402



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