



MIX

FEEDING EQUIPMENT



FEED MIXER WAGON [SELF-LOADER]



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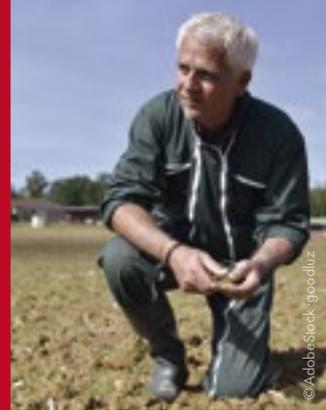


MADE FOR ME

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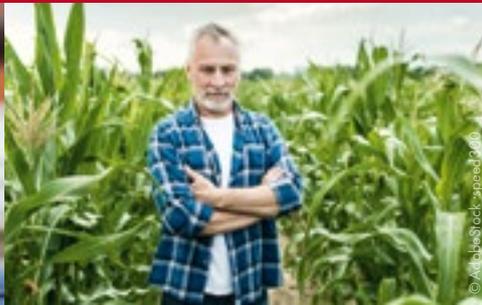
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THE STORY



MADE FOR ME

[LISA'S CHALLENGE]

With the growth of our farm, feeding has become very time-consuming. The way our farm is laid out, not all the silos are next to each other. In addition, we do not exactly have a surplus of personnel.

This means we need a practical solution for fast and efficient feeding. A flawless silage surface is also important to ensure the best possible quality of feed.

[OUR SOLUTION]

One mixer wagon for all processing steps: Our feed mixer wagons of the V-MIX Fill Plus series meet these requirements. Loading, mixing and spreading is carried out by every machine quickly and with the best possible feed quality. An additional loading vehicle is not needed. The self-loading mixer wagons of the LS Pro series with their high-performance cutting blade also enable flawless removal directly from the silage block.

This not only saves you time and money. The higher quality of the feed ensures the best health and performance of your dairy cows.



THIS SOLUTION IS MADE FOR LISA!



We made Lisa's challenge our own.

That is what motivates us at BvL: We work closely with farmers around the world to further develop our modular feeding technology and adapt it to individual requirements. In a process of personal exchange we develop flexible machine solutions for the exact agricultural requirements, such as the number of animals, feed mixtures, stable types and the machine park – solutions that are sustainable and future-proof.

FOR FARMERS LIKE LISA. FOR FARMERS LIKE YOU.

We will find the best solution for you, too.

The basis for your solution is our flexible V-MIX series with external loaders, self-loading and self-propelled machines, and stationary mixers, all time-proven and optimized for changing requirements. Individualization is at the heart of your solution: We work with you to analyze your requirements and configure a feed mixer that does what you need. Our goal is to make your work easier and more efficient – with an individual solution about which you know:

BvL MADE THAT FOR ME.

Discover
MORE STORIES from
farmers like you!



OUR DAILY GOAL – THE BEST WAY TO SUPPORT YOUR WORK

You work every day to provide the best food.

Monday, Tuesday, Wednesday, in all weather, Thursday, Friday, in summer and winter, Saturday, Sunday, early and late – every day you give your best for the best food and healthy animals. You need a partner who works the way you do, thinks the way you do, feels the way you do. You need a partner like BvL.

We work every day for you!

We are an owner-operated family company that has been working for and with agriculture all around the world since 1860. In more than 160 years, generations of people with brains have been doing pioneering work for the industry, making BvL a leading partner for modern feeding and bedding technology.

We know the challenges and developments of the industry – and always think ahead to make animal husbandry and agriculture simpler, more efficient and safer. That farmers put so much confidence in our solutions is why we feel the responsibility and motivation to give our best, every day.

[**MADE IN
GERMANY**]

since
[**1860**]

Made in Germany

At our home location in Emsbüren in the Emsland region, we develop and produce solutions with a high vertical range of manufacture and our own experienced staff. Individual, modular configuration is an integral part of our concept – for high-performance and custom-tailored high technology for your day-to-day operations.

Our goal: Safe farming for humans and animals.

Made for the future

We practice sustainability at all levels: Our actions are economically and ecologically logical – with long-lasting and energy-efficient machines that save resources. Our way of thinking is networked, and we use intelligent, digital management systems that protect basic feed supplies and are designed with safety in mind.

Our goal: Sustainable handling of resources and the environment.

**WE ARE BvL.
INNOVATIVE. EXPERIENCED. STRONG.**



[1978]

Production of the first vertical mixer



[1860]

Established as a blacksmith's workshop in Emsbüren

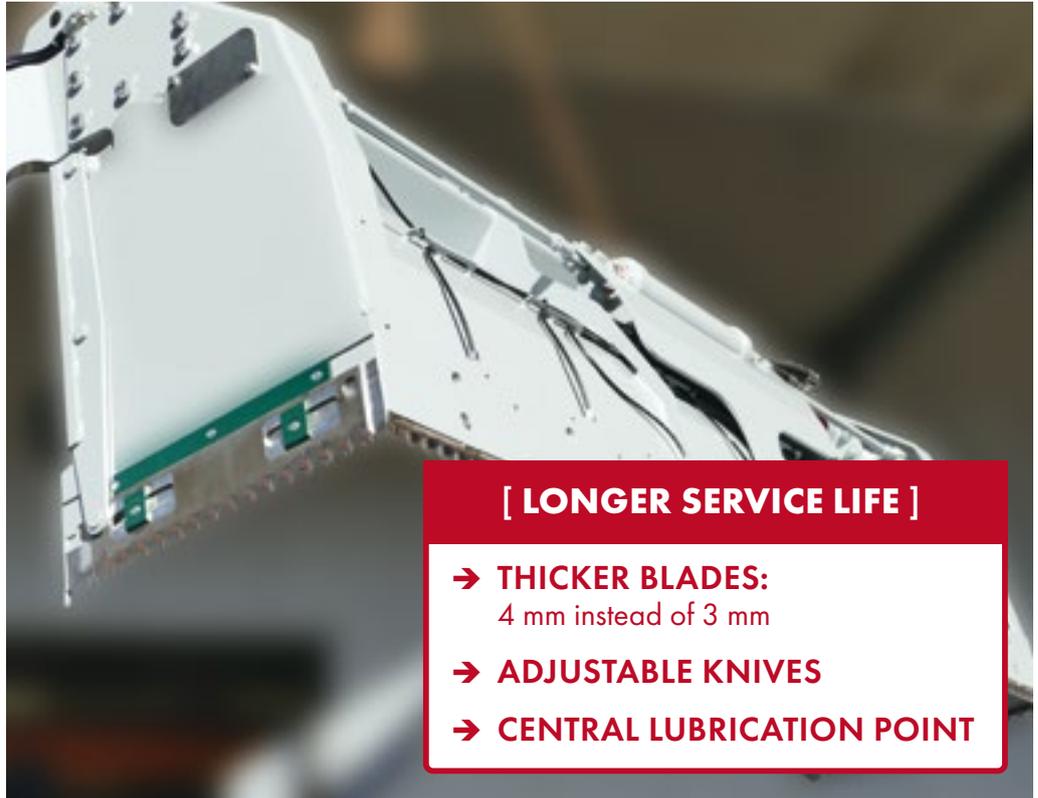


[THE LS PRO CUTTING UNIT]

FOR OPTIMAL CUTTING



The BvL cutting unit is equipped with active knives to ensure superior, high-performance cutting of both dry and solid wet silage. Highly wear-resistant, thick knife material, combined with central lubrication, are a guarantee for a long-lasting cutting unit.



[LONGER SERVICE LIFE]

- **THICKER BLADES:**
4 mm instead of 3 mm
- **ADJUSTABLE KNIVES**
- **CENTRAL LUBRICATION POINT**

The optional automatic lubrication function for the cutting greases the knives sufficiently to ensure that critical parts always receive sufficient lubrication.



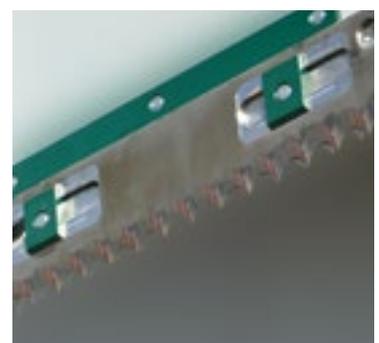
The movable longitudinal knife can easily be adjusted to assure optimal cutting performance at all times. This nearly doubles the service life of the knives.



The knives of the cutting unit can easily be greased through a central lubrication point (standard feature). This ensures sufficient lubrication of the knives.



Asymmetrical serration of the knives (4 mm Hardox), combined with a long knife stroke, achieves smooth and forceful cutting of the silage.



[V-MIX SELF-LOADER]

ONE FEED MIXER WAGON FOR MAXIMUM VERSATILITY



Self-loading variant for a broad range of applications

Every farm has its individual herd structure, as well as varying silage locations and loading situations. Choose the basic mixer wagon variant for your requirements, to receive the perfect solution for your feeding process.

Variants for every requirement

Depending on the size of the mixing hopper, mixer wagons of the V-MIX Fill Plus series have one or two mixing augers for perfect mixing. They are also equipped with narrower or lower mixing hoppers, as needed.

[20]

Basic types

[5]

Variants

[100]

Combinations

Multi-functional variants

All V-MIX Fill Plus feed mixer wagons are designed for loading, mixing and feeding with a single machine. The self-loading mixer wagons of the LS Pro series are additionally equipped with a high-performance cutting unit for feed removal. It cuts through any silage without disturbing the structure of the feed.

Custom sizes and features

Our self-loading machines have a capacity of 8 m³ to 25 m³. The availability of different features makes it possible for us to build a mixer wagon for your individual requirements.

V-MIX FILL PLUS OVERVIEW



V-MIX FILL PLUS L 8 TO 13-1S

1-AUGER MIXER



V-MIX FILL PLUS L 13 TO 25-2S

2-AUGER MIXER



V-MIX FILL PLUS LS PRO 8 TO 13-1S

1-AUGER MIXER



V-MIX FILL PLUS LS PRO 13 TO 25-2S

2-AUGER MIXER

V-MIX FILL PLUS L 8 TO 13-1S

1-AUGER MIXER



The compact self-loading mixer wagon with a large loading scoop

Eliminate a loading vehicle – this is the exact purpose of our self-loading V-MIX Fill Plus mixer wagon. The L version has a loading scoop for filling the mixer wagon.

Loading, mixing and spreading with a single machine. The feed mixer wagon is available as a single auger mixer with a volume of 8 to 13 m³.

YOUR DATA



Number of animals:

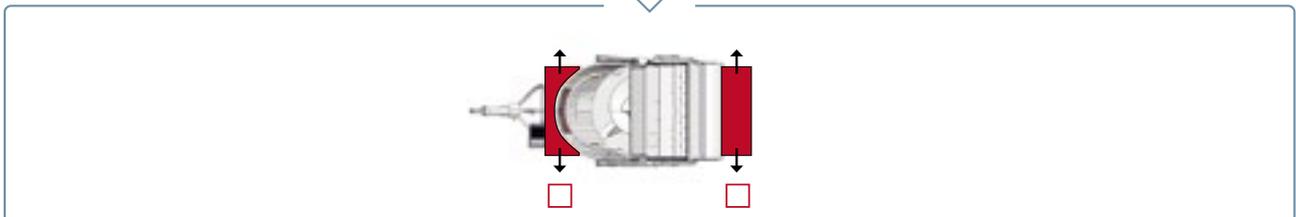
Maximum width:

Maximum height:

Discharge height:

Tractor power:

SELECT YOUR APPROPRIATE DISCHARGE OPENING



THE POSSIBLE CHOICES



	Number of cows**	Capacity	Total width	Total length	Total height	Minimum required headroom	Empty weight	Max. payload	Power consumption (without reduction gear)	Power consumption (with reduction gear)
		m ³	m	m	m	m	kg	kg	kW/HP	kW/HP
<input type="checkbox"/> 8-1S L	48-55	8.1	2.35	5.03	2.81	2.86	3680	3360	41/56	29/40
<input type="checkbox"/> 10H-1S L	61-69	9.9	2.35	5.03	2.92	2.97	3900	4200	50/68	36/49
<input type="checkbox"/> 10N-1S L	64-72	10.4	2.65	5.13	2.81	2.86	4300	4200	50/68	36/49
<input type="checkbox"/> 13-1S L	92-104	13.4	2.65	5.13	2.97	3.02	4550	5040	54/73	38/51

The specified technical data refer to the standard features.

* Non-binding information. Empirical values for an average TMR. These values will change in case of very different TS content (one feeding per day; number refers to the group size).



More information:

V-MIX FILL PLUS L 13 TO 25-2S

2-AUGER MIXER



Double auger mixer with large loading scoop

Our self-loading V-MIX Fill Plus feed mixer wagon with two mixing augers is equipped with special features to reduce your workload: The L version has a large loading

scoop for filling the mixer wagon, for loading, mixing and spreading with a single machine. The double auger mixer wagon is available with a volume of 13 to 25 m³.

YOUR DATA



Number of animals:

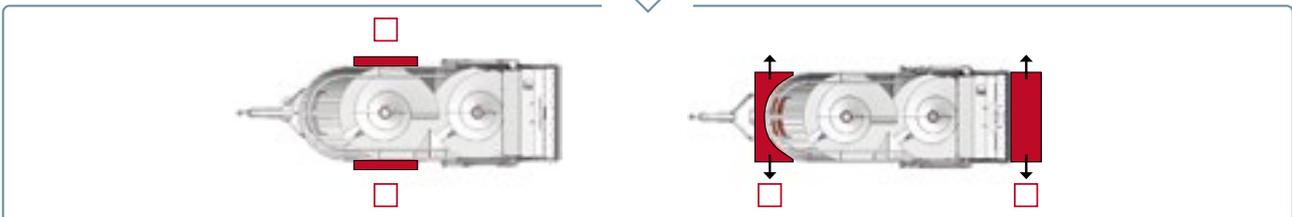
Maximum width:

Maximum height:

Discharge height:

Tractor power:

SELECT YOUR APPROPRIATE DISCHARGE OPENING



THE POSSIBLE CHOICES



	Number of cows**	Capacity	Total width	Total length	Total height	Minimum required headroom	Empty weight	Max. payload	Power consumption (without reduction gear)	Power consumption (with reduction gear)
		m ³	m	m	m	m	kg	kg	kW/HP	kW/HP
<input type="checkbox"/> 13-2S L	89-101	13.8	2.35	7.43	2.81	2.86	5500	5460	59/80	44/60
<input type="checkbox"/> 15-2S L	100-114	15.8	2.35	7.51	2.81	2.86	5900	6300	74/100	56/76
<input type="checkbox"/> 17-2S L	116-131	17.9	2.35	7.57	2.91	2.96	6200	7140	77/105	59/81
<input type="checkbox"/> 18-2S L	109-124	17.2	2.65	7.65	2.81	2.86	7900	7560	81/110	62/85
<input type="checkbox"/> 20-2S L	131-148	19.8	2.65	7.65	2.81	2.86	8300	8400	81/110	62/85
<input type="checkbox"/> 25-2S L	171-194	24.9	2.65	7.65	2.97	3.02	8600	9400	86/116	66/90

The specified technical data refer to the standard features.

* Non-binding information. Empirical values for an average TMR. These values will change in case of very different TS content (one feeding per day; number refers to the group size).



More information:

V-MIX FILL PLUS LS PRO 8 TO 13-1S

1-AUGER MIXER



The compact self-loading machine with a cutting unit and loading scoop

The self-loading V-MIX Fill Plus LS Pro mixer wagon features a loading mechanism and its own high-performance cutting unit designed to easily cut through any silage. It is a universal

machine that combines all processing steps. This feed mixer wagon is available as a single auger mixer with a volume of 8 to 13 m³.

YOUR DATA



Number of animals:

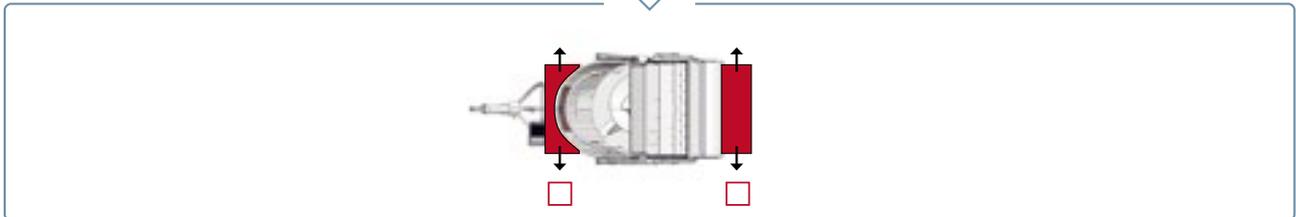
Maximum width:

Maximum height:

Discharge height:

Tractor power:

SELECT YOUR APPROPRIATE DISCHARGE OPENING



THE POSSIBLE CHOICES



	Number of cows**	Capacity	Total width	Total length	Total height	Minimum required headroom	Empty weight	Max. payload	Power consumption (without reduction gear)	Power consumption (with reduction gear)
		m ³	m	m	m	m	kg	kg	kW/HP	kW/HP
<input type="checkbox"/> 8-1S LS Pro	48-55	8.1	2.35	5.03	3.10	2.70	4580	3360	41/56	29/40
<input type="checkbox"/> 10H-1S LS Pro	61-69	9.9	2.35	5.03	3.10	3.00	4800	4200	50/68	36/49
<input type="checkbox"/> 10N-1S LS Pro	64-72	10.4	2.65	5.13	3.10	3.00	5300	4200	50/68	36/49
<input type="checkbox"/> 13-1S LS Pro	92-104	13.4	2.65	5.13	3.10	3.00	5550	4950	54/73	38/51

The specified technical data refer to the standard features.

* Non-binding information. Empirical values for an average TMR. These values will change in case of very different TS content (one feeding per day; number refers to the group size).



More information:

V-MIX FILL PLUS LS PRO 13 TO 25-2S

2-AUGER MIXER



The universal mixer wagon with two augers

The double-auger version of self-loading V-MIX Fill Plus LS Pro mixer wagon likewise has its own high-performance cutting unit and a loading mechanism. It is the biggest universal

machine that combines all processing steps. The feed mixer wagon is available as a double auger mixer with a volume of 13 to 25 m³.

YOUR DATA



Number of animals:

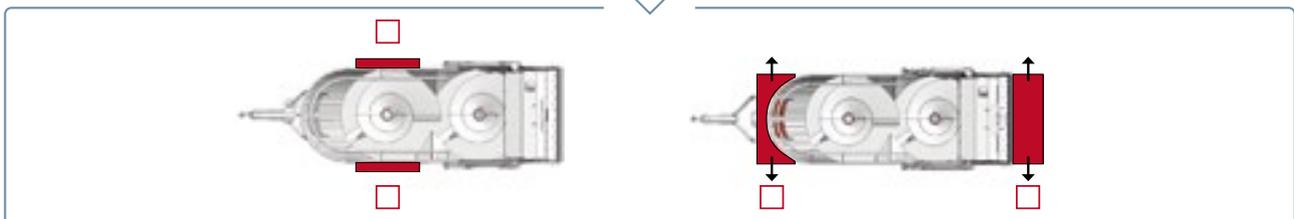
Maximum width:

Maximum height:

Discharge height:

Tractor power:

SELECT YOUR APPROPRIATE DISCHARGE OPENING



THE POSSIBLE CHOICES



	Number of cows**	Capacity	Total width	Total length	Total height	Minimum required headroom	Empty weight	Max. payload	Power consumption (without reduction gear)	Power consumption (with reduction gear)
		m ³	m	m	m	m	kg	kg	kW/HP	kW/HP
<input type="checkbox"/> 13-2S LS Pro	89-101	13.8	2.35	7.43	3.10	2.63	6400	5460	66/90	50/68
<input type="checkbox"/> 15-2S LS Pro	100-114	15.8	2.35	7.51	3.10	2.73	7400	6300	74/100	56/76
<input type="checkbox"/> 17-2S LS Pro	116-131	17.9	2.35	7.57	3.10	2.93	7600	7140	81/110	62/85
<input type="checkbox"/> 18-2S LS Pro	109-124	17.2	2.65	7.65	3.10	2.60	7700	7560	81/110	62/85
<input type="checkbox"/> 20-2S LS Pro	131-148	19.8	2.65	7.65	3.10	2.70	9100	8400	86/116	66/90
<input type="checkbox"/> 25-2S LS Pro	171-194	24.9	2.65	7.65	3.10	3.05	9400	8600	88/120	68/92

The specified technical data refer to the standard features.

* Non-binding information. Empirical values for an average TMR. These values will change in case of very different TS content (one feeding per day; number refers to the group size).



More information:

V-MIX SELF-LOADER



EXAMPLES OF DISCHARGE VARIANTS



TRANSVERSE CONVEYOR AT FRONT



TRANSVERSE CONVEYOR AT REAR



EDS DISCHARGE AT FRONT RIGHT AND LEFT

V-CONNECT MIXER CONTROL



“Time is money”: The mixer control gives you an overview of what is happening in the mixer wagon. Keep track of the time and costs, so you can create a reproducible mixture, day after day.

- Mixing time
- Mixing auger speed
- Number of mixing auger revolutions

MADE FOR ME.

YOUR CHOICES



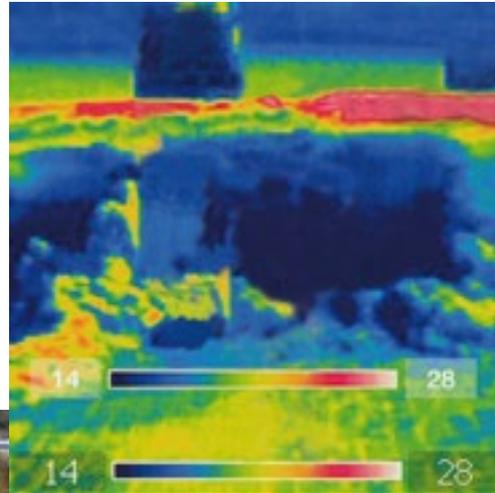
V-CONNECT Mixer Control

[SMOOTH CUT]

PREVENTS SILAGE HEATING



If oxygen enters lower layers of the silage, this can cause fungal infection and silage heating. The cutting unit on the V-MIX Fill LS Pro does not break up the cut surface of the silage, leaving a smooth and flawless surface. This prevents oxygen ingress and maintains the quality of the silage. In this way, the V-MIX Fill LS Pro ensures high-quality feed. At the same time, the feed is removed without loss, which helps to reduce costs.



[EFFICIENT FEEDING WITH A SINGLE MACHINE]

COST-CUTTING MADE EASY



All feed mixer wagons of the V-MIX Fill Plus series save you money. You not only save time, but also eliminate the need for an additional loading vehicle. This can reduce your operating costs by up to 10%. Loading, mixing and feeding are achieved with a single machine. The variants from the V-MIX Fill Plus LS Pro series also have a high-performance cutting unit, which additionally ensures flawless removal at the silage block. Four times the work at reduced cost – that pays off!



[FUNCTIONS OF THE LS PRO SELF-LOADING MACHINE]



APPROACH



CUTTING

V-MIX FILL – ALSO FOR LOADING ONLY



The self-loading machine from BvL is also available in a loading version – the V-MIX Fill Plus L. This machine features a loading scoop without a cutting unit that enables fast and easy loading of round bales, silage blocks and other components in the mixer wagon. Complete bales or blocks can easily be broken up and mixed in the V-MIX Fill.



The approach is facilitated by an optimal cut surface

A long stroke of the knives in the cutting unit, in combination with automatic lowering of the cutting unit, ensures fast lowering and cutting. The silage is cut quickly and forcefully!

After cutting, the cutting unit is enclosed by the deep front loader to achieve virtually loss-free feed removal. The gently

sloped surface of the silage can easily be accessed with little effort. That reduces wear and tear on the tractor and equipment.



LOADING



DEPARTURE



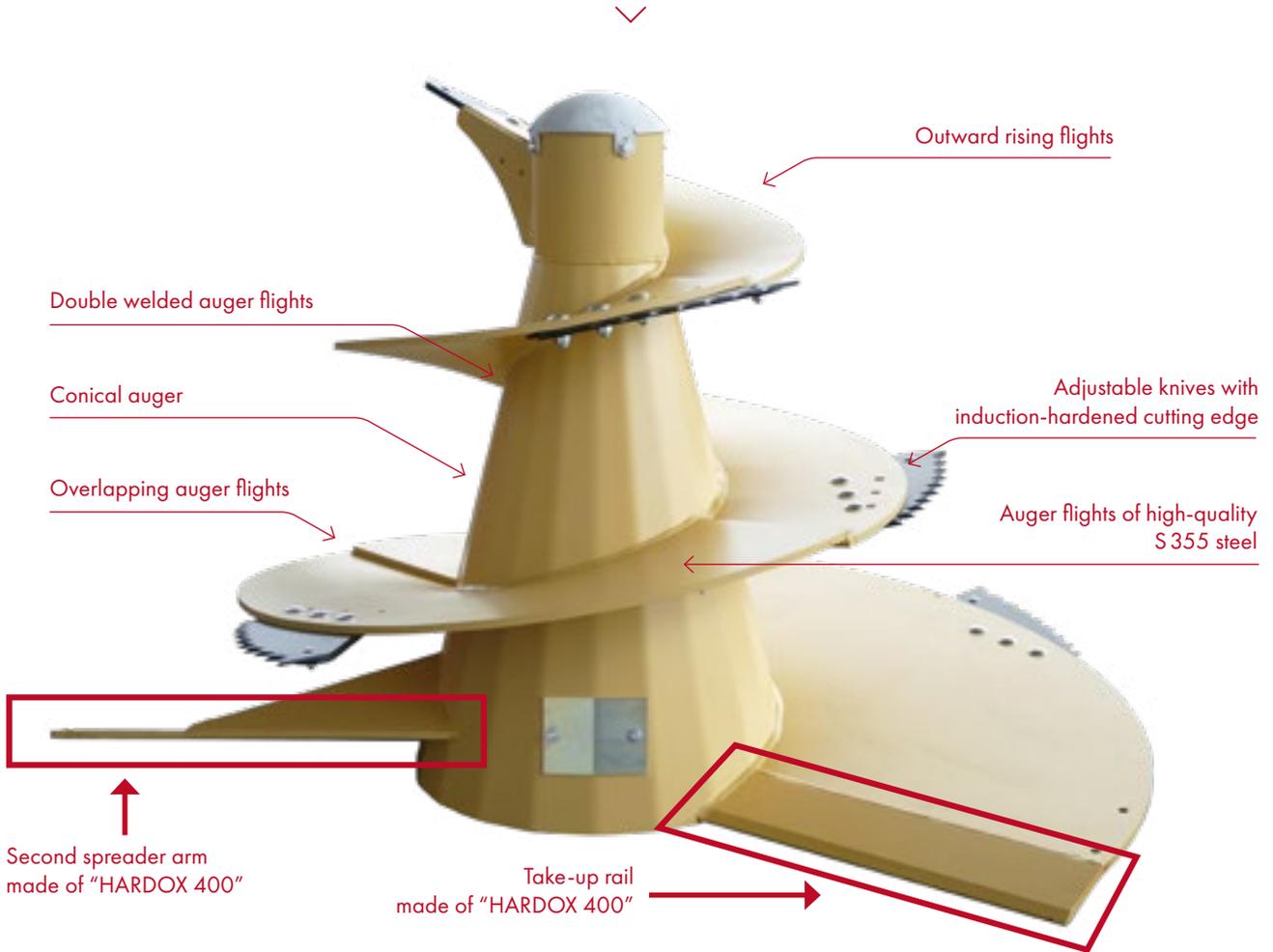
Fast and forceful cutting with automatic removal



Video V-MIX Fill Plus:

[THE RIGHT MIXING AUGER]

THE CORE COMPONENT OF THE BvL FEED MIXER WAGONS



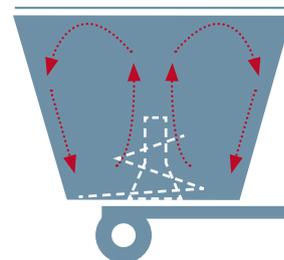
Mixing made easy

The mixing auger is the core component of the mixing wagon and therefore always the focus of our research and development. Based on your feeding philosophy and requirements, we equip your feed mixer wagon with the right mixing auger to optimize the result. All mixing augers are designed for a power-saving mixing process that preserves the structure of the feed.

Customized version

The mixing auger can not only be adjusted for different feed types utilizing the knife adjustment. It is also available with the following equipment to meet your exact requirements: hard facing, auger blades, different knife types, catching magnets, etc.

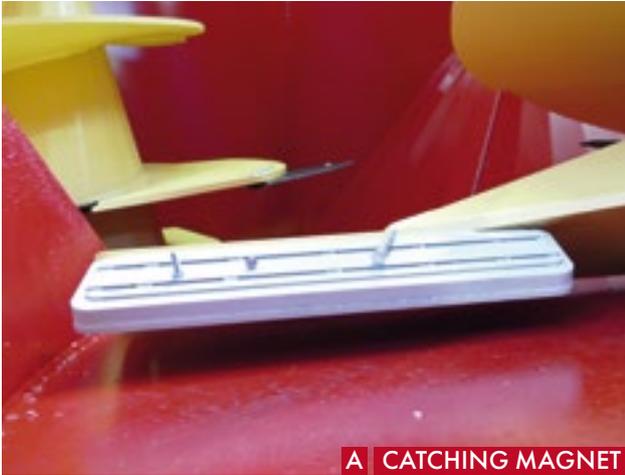
HIGH UTILIZATION OF VOLUME



The mixing auger is always optimally adapted to the mixing container. This ensures optimal utilization of the volume with minimal power consumption. The mixing auger is as small as possible, but as large as necessary. This saves time and money.

MADE FOR ME.

INDIVIDUAL FEATURES FOR YOUR MIXING AUGER



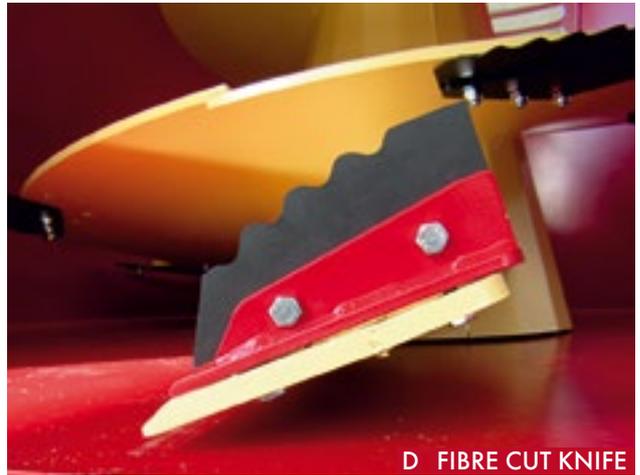
A CATCHING MAGNET



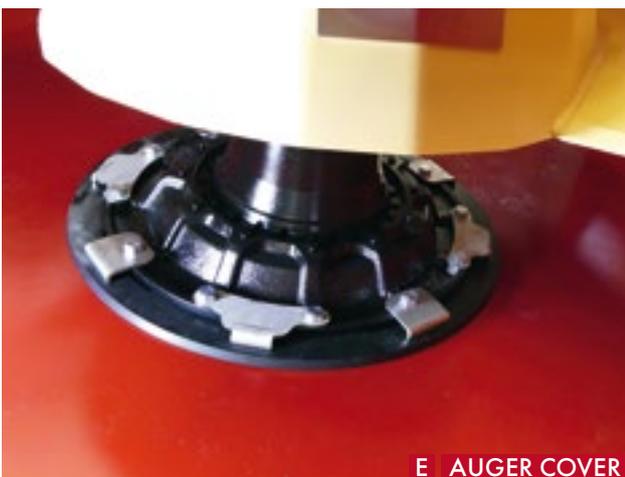
B AUGER BLADE



C STAINLESS STEEL FACING



D FIBRE CUT KNIFE



E AUGER COVER

A CATCHING MAGNET Nails, barbed wire or other dangerous metal objects are caught by our high-strength HD neodymium magnet. **B** AUGER BLADE The auger blade helps to center the fodder. **C** STAINLESS STEEL FACING Effective mixing requires a right-angled edge on the outside of the flight. The high-quality stainless steel facing ensures a powerful upward motion and fast mixing, as well as a long service life. **D** FIBRE CUT KNIFE The patented Fibre Cut knife on the discharge arm of the mixing auger supports chops the fodder. **E** AUGER COVER The standard auger cover on the gearbox seals the interior of the mixing auger.

YOUR CHOICES



Catching magnet

Auger blade

Stainless steel facing

Fibre cut knife

Auger cover

[DEEP FRONT LOADER]

LARGE SCOOP FOR LARGE LOADS



The loading scoop of the V-MIX Fill Plus has a depth of 1.00 m and can also be used for loading free-flowing bulk materials.

[CAMERA SYSTEM]

FULL VIEW AS STANDARD FEATURE



The standard version of the V-MIX Fill Plus LS Pro is equipped with a camera system consisting of two cameras. One camera is mounted in the removal arm, to monitor the cutting process. This makes it easy to see the quantity being removed.

The second camera, which is mounted under the loading scoop, monitors the area behind the machine when driving in reverse – a standard feature for more safety!

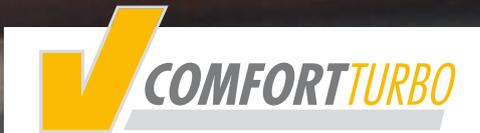


CAMERA ON REMOVAL ARM



CAMERA UNDER THE LOADING SCOOP





[STRAW BLOWER]

FEEDING, MIXING, BEDDING WITH A SINGLE MACHINE

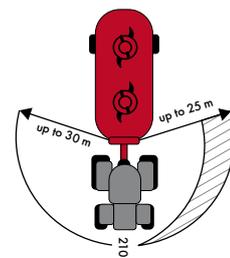
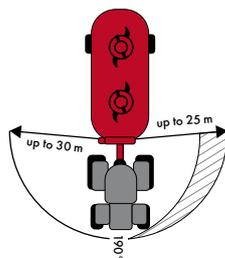
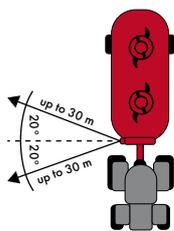


Convenient in every respect

Our V-COMFORT Turbo straw blower can be attached to virtually any feed mixer wagon. The mixer wagon quickly loosens the straw, which makes it ideal for daily bedding of stables. The unique air-flow principle of our straw blower enables the high-performance discharge of straw. The turbine wheel creates suction, which draws the straw directly into the blower and then discharges it forcefully via the throw shovels. BvL holds patents on the straw bell, drive unit and mount of the straw blower, which provide for unique performance features:

- high performance due to direct power flow from the drive train
- up to 30 m throwing range
- up to 320 kg straw per minute
- widespread or directed bedding, depending on the requirement
- high process reliability and continuous discharge
- integrated stone trap for added safety

This makes the V-MIX Fill Plus a truly universal machine.



YOUR CHOICES



direct discharge

rotating collapsible tower

rotating rigid tower



Get to know the entire spectrum of BvL products:



Your BvL dealer



Bernard van Lengerich Maschinenfabrik GmbH & Co. KG
 Grenzstraße 16 · 48488 Emsbüren · Germany
 Phone: +49 5903 / 951-0 ■ Fax: +49 5903 / 951-34
 E-mail: info@bvl-group.de
www.bvl-farmtechnology.com

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