



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.

region, we develop and produce solutions with a high vertical range of manufacture and our MADE IN own experienced staff. Individual, modular GERMANY configuration is an integral part of our concept - for high-performance and custom-tailored high technology for your day-to-day opera-

tions.

Our goal: Safe farming for humans and animals.

At our home location in Emsbüren in the Emsland

1860

Made for the future

Made in Germany

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 are designed with safety in mind.

Our goal: Sustainable handling of resources and the environment.

WE ARE ByL. INNOVATIVE. EXPERIENCED. STRONG.



[V-MIX SELF-PROPELLED MIXER]

THE MANEUVERABLE FEED MIXER WAGON WITH A STRUCTURED ROLLER AND MANY CONVENIENT FEATURES



Self-propelled mixing wagon for individual everyday use

Every farm has special requirements based on the local circumstances, such as the size of the herd, stables, and silage areas. Personnel also varies considerably. For the right feeding solution on your farm, you can choose from several self-propelled basic models with numerous options.

Variants for every requirement

Mixing wagons of the V-MIX Drive series are equipped with one or two mixing augers, depending on the size of the mixing hopper, for a perfect mixture. The mixing auger is always optimally adapted to the container shape – as small as possible, but as large as necessary. This guarantees optimal utilization of the container capacity, as well as a smooth and gentle mixing process.

Basic types

The control units for BvL self-propelled mixer wagons are designed for maximum user convenience and efficiency. Automatic regulators ensure a high level of precision. The patented structured roller is a convenient feature that preserves the fodder structure during removal.

[9]

[90]

Custom sizes and features

Smart technology

The self-propelled models of the V-MIX Drive series have a capacity of 11 m³ to 23 m³. The availability of different features makes it possible for us to build all self-propelled mixer wagons to meet your individual requirements.

V-MIX DRIVE OVERVIEW





V-MIX DRIVE MAXIMUS PLUS 15

1-AUGER MIXER



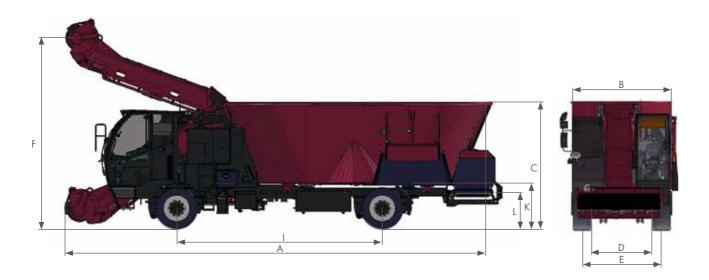


Model	11-15	13N-1S	13H-1S	15-1\$	17-15
Number of mixing augers	1	1	1	1	1
Flights per auger	1.5	1.5	2	2	2.5
A: min. total length	6.84 m	6.97 m	7.03 m	8.17 m	8.24 m
I: Wheelbase	3.25 m				
B: min. total width	2.37 m	2.47 m	2.37 m	2.47 m	2.47 m
C: min. total height	2.79 m	2.79 m	3.01 m	3.01 m	3.21 m
F: max. removal height	4.80 m	4.80 m	5.00 m	5.00 m	4.60 m
K: EDS discharge height	0.84 m - 0.99 m				
L: Discharge height CC,	0.64 m - 0.80 m				
Turning radius (over everything) with 4-wheel steering	5.40 m	5.40 m	5.40 m	5.40 m 5.40 m	
Turning radius (over everything) with 2-wheel steering	8.50 m				
D: Inside gauge	1.40 m				
E: Track	1.92 m				
Empty weight with standard features	11200 kg	11400 kg	11400 kg	11600 kg	11800 kg
Max. payload	6300 kg				
Gross weight for road use acc. to traffic regu-	18000 kg				

Dimensions can differ depending on the options and are subject to modification as a result of technological progress.

V-MIX DRIVE MAXIMUS PLUS 25

2-AUGER MIXER

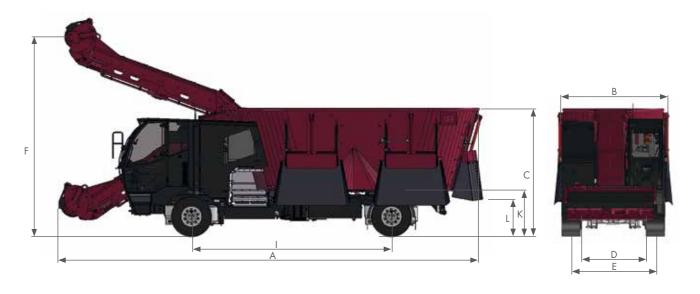


Model	19-25	21-25	
Number of mixing augers	2	2	
Flights per auger	2	2	
A: min. total length	9.63 m	9.85 m	
I: Wheelbase	4.62 m	4.62 m	
B: min. total width	2.37 m	2.37 m	
C: min. total height	2.72 m	2.80 m	
F: max. removal height	4.60 m	4.60 m	
K: EDS discharge height	1.0 m	1.0 m	
L: Discharge height CC, low tires 2WS	0.73 m	0.73 m	
Turning radius (over everything) with 4-wheel steering	7.25 m	7.25 m	
Turning radius (over everything) with 2-wheel steering	11.75 m	11.75 m	
D: Inside gauge	1.40 m	1.40 m	
E: Track	1.92 m	1.92 m	
Empty weight with standard features	13800 kg	14000 kg	
Max. payload	7000 kg	7000 kg	
Gross weight for road use acc. to traffic regulations	18000 kg	18000 kg	

Dimensions can differ depending on the options and are subject to modification as a result of technological progress.

V-MIX DRIVE MAXIMUS GIANT 25

2-AUGER MIXER



Model	19-25	21-25	23-25	25-2\$	
Number of mixing augers	2	2	2	2	
Flights per auger	2	2	2.5	2,5	
A: min. total length	9.75 m	9.93 m	9.86 m	9,86 m	
I: Wheelbase	4.62 m	4.62 m	4.62 m	4,62 m	
B: min. total width	2.30 m	2.30 m	2.30 m	2,30 m	
C: min. total height	2.76 m	2.92 m	3.08 m	3,24 m	
F: max. removal height	5.25 m	5.25 m	5.20 m	3,32 m	
K: EDS discharge height	1.04 m	1.04 m	1.04 m	1,04 m	
L: Discharge height CC,	0.78 m	0.78 m	0.78 m	0,78 m	
Turning radius					
(over everything) with	7.60 m	7.60 m	7.60 m	7,60 m	
4-wheel steering					
Turning radius					
(over everything) with	10.80 m	10.80 m	10.80 m	10,80 m	
2-wheel steering					
D: Inside gauge	1.40 m	1.40 m	1.40 m	1,40 m	
E: Track	1.92 m	1.92 m	1.92 m	1,92 m	
Empty weight with	142701	140501	15,000	15,000 K	
standard features	14360 kg	14850 kg	15,200 kg	15.800 Kg	
Max. payload	9000 kg	9000 kg	9000 kg	9.000 kg	
Gross weight for road					
use acc. to traffic regu-	18000 kg	18000 kg	18000 kg	18.000 kg	
lations					

Dimensions can differ depending on the options and are subject to modification as a result of technological progress.

V-MIX DRIVE MAXIMUS **PLUS** 11 TO 17-1S

1-AUGER MIXER



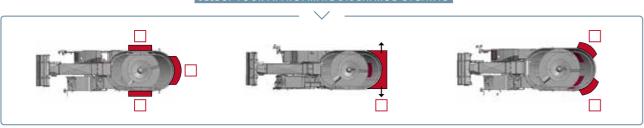
Very compact and maneuverable 4-cylinder self-propelled mixer wagon with 174 HP

Compact and maneuverable – the essence of the selfpropelled feed mixer wagon V-MIX Drive Maximus Plus. stable on any farm. All models are equipped with a robust With a capacity of 11 to 17 m³, compact dimensions and a structured roller for fast and gentle fodder removal.

YOUR DATA

Number of feed locations Discharge height:

SELECT YOUR APPROPRIATE DISCHARGE OPENING



DIE THE POSSIBLE CHOICES FEN

			Machine	<u> </u>				
	Total width in case of single discharge	Total width in case of double discharge	width in case of transverse conveyor	Total length	Total height	Empty weight	Max. payload	Max. removal height
	m	m	m	m	m	kg	kg	m
11-15	2,5	2,62	2,45	6,84	2,79	11200	6300	4,8
13N-1S	2,55	2,71	2,5	6,97	2,79	11400	6300	4,8
13H-1S	2,5	2,62	2,45	7,03	3,01	11400	6300	5,0
15-15	2,55	2,71	2,5	8,17	3,01	11600	6300	5,0
17-15	2,55	2,7	2,5	8,24	3,21	11800	6300	4,6

The specified technical data refer to the standard features.



V-MIX DRIVE MAXIMUS **PLUS** 19 AND 21-2S

2-AUGER MIXER



The 4-cylinder self-propelled mixer wagon with two augers and 174 HP

Large volume in an extremely compact design – that describes the V-MIX Drive Maximus Plus 2S with a capacity of 19 or 21 m³. Two mixing augers driven by a worm gear

and a separate hydraulic pump ensure an extremely reliable mixing process. As with all BvL self-propelled machines, the auger speed is continuously adjustable.

YOUR DATA

Number of feed locations Discharge height:

SELECT YOUR APPROPRIATE DISCHARGE OPENING



DIE THE POSSIBLE CHOICES EN

		Total width in case of double discharge	Machine width in case of transverse conveyor	Total length Total height		Empty weight	Max. payload	Max. removal height
	m m	m		m	m	kg	kg	m
19-25	2,53	2,64	2,45	9,63	2,75	13800	7000	4,6
21-25	2,53	2,64	2,45	9,85	2,83	14000	7000	4,6

The specified technical data refer to the standard features.



V-MIX DRIVE MAXIMUS **GIANT** 19 TO 23-2S

2-AUGER MIXER



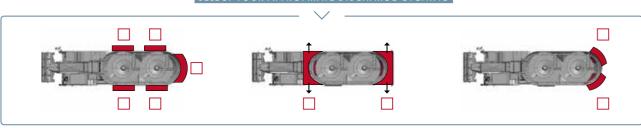
Maneuverable self-propelled model in XL format with a HP 224 6-cylinder engine

you the benefit of gentle removal technology. The 2-meter wide structured roller is equipped with wear-resistant tooth

Our self-propelled V-MIX Drive Maximus Giant 2S gives segments. This preserves the fodder structure and quality during removal. Despite its size, the wagon is designed for good maneuverability.

YOUR DATA **Number of feed locations**

SELECT YOUR APPROPRIATE DISCHARGE OPENING



DIE THE POSSIBLE CHOICES [EN

	Total width in case of single discharge	Total width in case of double discharge	Machine width in case of transverse conveyor	Total length	Total height	Empty weight	Max. payload	Max. removal height
	m	m	m	m	m	kg	kg	m
19-25	2,5	2,63	2,45	9,75	2,81	14400	9000	5,25
21-25	2,5	2,63	2,45	9,93	2,97	14900	9000	5,25
23-25	2,5	2,63	2,45	9,86	3,13	15200	9000	5,2
25-2\$	2,5	2,63	2,45	9,86	3,32	15800	9000	4,7

The specified technical data refer to the standard features.





[FEED DISCHARGE]

FLEXIBLE CAPABILITIES









USEFUL EXTENSION – LATERAL ADJUSTMENT FOR TRANSVERSE CONVEYORS



Optionally, transverse conveyors can be adjusted continuously up to 30 cm to the right and left. In retracted state, the conveyor does not protrude beyond the hopper and is extended only when needed. Continuously adjusted speed regulation of the transverse conveyor, as a standard feature, allows optimal control of the discharge width.

YOUR CHOICES

Side elevator

Fiber door Feed chute from above

Lateral adjustment Rubber lip



[THE TURNING RADIUS]

MAXIMUM MANEUVERABILITY - IN EVERY SITUATION

Thanks to its compact design and optional 4-wheel steering, the V-MIX Drive can handle even the tightest yard situations. This saves time and fuel and provides maximum driving pleasure during daily use between the barn, silo, and mixing area.





[THE STRUCTURED ROLLER]

MAXIMUM ROBUST REMOVAL - 7500 H WEAR GUARANTEE

The patented structured roller is the core component of the V-MIX Drive. The coarse-profiled teeth of the structured roller comb the feed from the silo stock from top to bottom without damaging the structure of the feed. The large distance between the comb teeth and the roller core allows for a large extraction depth. The extraction power remains constant, even under the toughest conditions. We provide a wear guarantee of 7,500 operating hours on the structured roller core. The extraction performance remains constant, even under the toughest conditions. We offer a wear guarantee of 7,500 operating hours on the structured roller core.

OPTIMISED FOR MAXIMUM EFFICIENCY

- Optimized geometry: the optimized design of the removal head enables an approximately 10% increase in extraction performance.
- Fold-back protective cover: The newly designed protective cover on the extraction head can now be folded back completely, providing improved visibility during extrac-
- Standard stainless steel lining in the removal head: protects against excessive

HOW IT WORKS

- Effective: fast feed removal thanks to the distance between the comb teeth and the roller core
- Gentle: After a maximum of 2.5 windings, the feed is transferred to the central
- Durable: The combination of low speed (approx. 300 rpm) and high torque protects the machine.
- Comfortable: smooth running of the roller thanks to asymmetrically arranged comb



The staggered arrangement of the structural elements en- An additional set of measuring tools is available on request. sures that the structured roller runs extremely smoothly. The large distance between the roller core and the elements protects against wear.



Please feel free to contact us.

YOUR CHOICES

Optional Knife Set

High Wear-resistant structural elements



[THE CABIN]

MAXIMUM OVERVIEW FOR EVEN MORE WORKING COMFORT

YOUR COMFORT ADVANTAGES AT A GLANCE

- Comfortable and modern driver's cab
- Control unit integrated into driver's seat
- Intuitive single-joystick operation
- Multi-Mode-Drive-System

- Intelligent control of hydraulic functions
- Fully glazed cab (good visibility even when driving on the road)
- greater safety when maneuvering and unloading









YOUR CHOICES

☐ Bird View

Multi-Drive-Mode

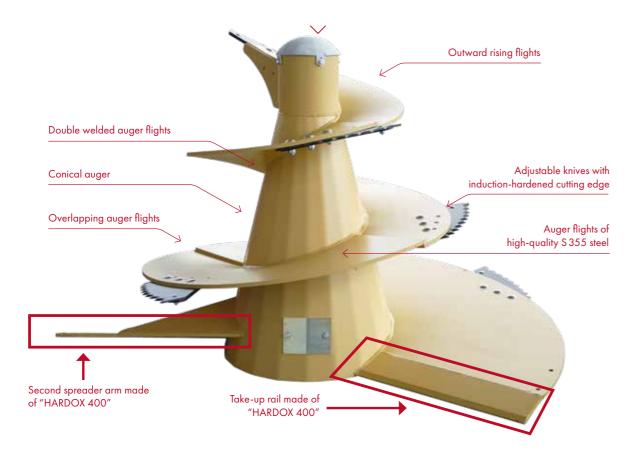
[POWER LED LIGHTS]

FOR THE BEST OVERVIEW EVEN IN THE DARK



[THE RIGHT MIXING AUGER]

THE CORE COMPONENT OF THE Byl FEED MIXER WAGONS



Mixing made easy

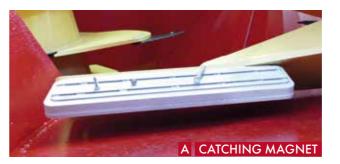
The mixing auger is the core component of the mixing wagon and therefore always the focus of our research and development. All mixing augers are designed for a power-saving mixing process that preserves the structure of the feed.

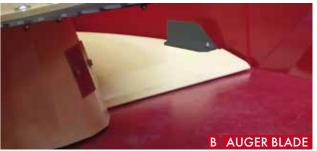
Customized version

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.

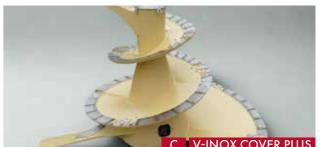


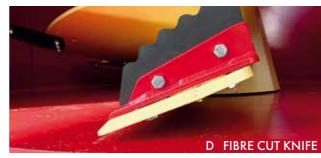
INDIVIDUELLE AUSSTATTUNG FÜR IHRE MISCHSCHNECKE













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 FAC-ING 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 longer service life. Increased service life thanks to stainless steel facing, especially in the edge area (5 mm). D FIBRE CUT KNIFE The patented Fibre Cut knife on the discharge arm of the amixing auger supports chops the fodder. **E** AUGER COVER The standard auger cover on the gearbox seals the interior of the mixing auger.

MIX-ING HOPPER LINING Lining variants 300, 750 or 1200 mm height, high-quality CrNi stainless steel, acid-resistant, wear-resistant and corrosion-free.







YOUR CHOICES

 □ Catching magnet
 □ Auger blade
 □ V-iNOX Line
 □ V-iNOX Line Premium
 □ V-iNOX Cover

 □ Fibre cut knife
 □ Auger cover
 □ V-iNOX Line Plus
 □ V-iNOX Cover Plus



[V-CONNECT DAIRY FEEDER]

WELL-PLANNED FEED MANAGEMENT

Digital solution for daily use

management system is a user-friendly system that supports your daily feeding process. It can be combined with virtually any feed mixer wagon. Permanent and traceable storage of feed data in a database allows easy access anytime and anywhere.

- recipe formulation
- Extensive reports and analyses (feed precision, times, feed costs, FCE,

- zation, data storage and support



[SMART FEATURES OF THE SELF-PROPELLED MIXER]

FOR MORE PERFORMANCE FROM YOUR FODDER



Creep speed function

The creep speed function allows you to set the maximum continuously adjustable driving speed. This ensures extremely sensitive control of the accelerator pedal. Fine adjustment of the speed simplifies maneuvering.



Automatic mixing system

After the mixing container is filled, the automatic mixing system (standard equipment) can be activated at the push of a button. There are settings for the auger speed and mixing time. The result is a consistent feed mix every day.



Remove access for servicina

The RAS module, a standard component, allows remote access to the machine's drive system. This facilitates maintenance and troubleshooting, to guarantee optimal servicing as required.



Analysis module

The analysis module and sensors provide information about fine tuning of the machine. This allows optimal adaptation of the machine's performance to the conditions of use.



Engine speed control

The intelligent control unit regulates the engine speed based on the power demand of the hydraulic motors. The result is optimal performance combined with reduced fuel consumption.



Inverse ventilation

Inverse ventilation, installed as a standard feature, automatically cleans the fan at regular intervals based on the basis of the power requirement. This provides for more user friendliness and longer maintenance intervals.





Multi-drive mode

Intuitive operation of the machine's loading, feeding and driving functions is ensured by the multi-drive mode, since the key configuration on the display and multi-function lever adapt to the selected mode. All important functions are integrated in the multi-function armrest.



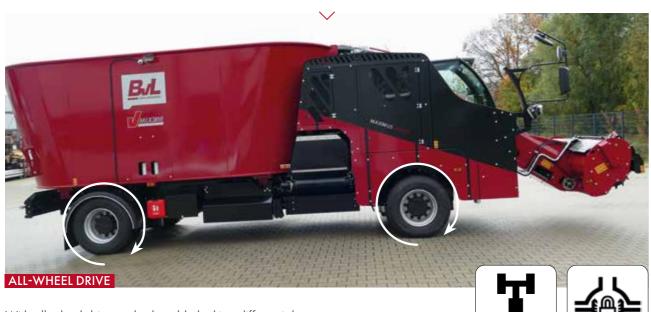
Lowering aid

The sensor-controlled lowering aid mechanism of the patented BvL structured roller supports the removal process – optimal removal speed combined with aentle material removal.



[SPECIAL FEATURES OF THE V-MIX DRIVE]

IMPRESSIVE DETAILS AS STANDARD OR OPTIONAL FEATURES



With all-wheel drive and selectable locking differential, we offer 100 % traction – for extreme terrain conditions.



All BvL self-propelled machines have full suspension. The optional air suspension provides maximum driving comfort, especially on roads



The winter bundle pre-warms critical components such as hydraulic oil, coolant and fuel.

YOUR CHOICES

4-wheel steering

All-wheel drive

☐ Air springs

Winter bundle

[BEST DRIVE FOR BEST FEED]

STRONG POWER FROM A POWERFUL ENGINE





PT N45

- 174 HP (128 kW) 4-cylinder FPT Industrial diesel engine
 4.5 liter displacement
- Stage 5; diesel oxidation catalytic converter and SCR catalytic converter, diesel particulate filter (DPF)
- Diesel consumption: approx. 8-12 l/h under typical load population
- 224 HP (165 kW) 6-cylinder FPT Industrial diesel engine
 6.7 liter displacement
- Stage 5; diesel oxidation catalytic converter and SCR catalytic converter, diesel particulate filter (DPF)
- Diesel consumption: approx. 12-15 I/h under typical load population





Get to know the entire spectrum of BvL products:

















EINSTREUTECHNIK





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