



Innovation. Experience. Strength.

COMFORT

Bedding technology





Reliability you can count on

Our V-COMFORT all-rounder solutions are as unique and diverse as the bedding equipment needs for different farming enterprises. Schedule a personal consultation with us, and we will find out which customized equipment option is right for you.

The name **Bernard van Lengerich** has been embodying tailor-made solutions since 1860. We will give you exactly what you need to achieve the highest possible yields without affecting the health of your animals. After all, we do not act in the customer's best interest if we sell him what we want to sell him. Instead, we need to sell him what he and his animals actually need. We work with an awareness of quality and value. Operating from the town of Emsbüren in the Emsland region, we manufacture exclusively in Germany and have turned Made in Germany into our most important seal of quality.

Extensive experience and first-class, knowledgeable employees are your guarantee that BvL is the best choice you can make.

We have long been aware of the fact that we need to go out in the field or the barn to find the solution that fits your specific needs best. After all, unique conditions require unique bedding techniques.

However, we do not want to entirely relegate our leaflet from our business activity: In order for you to be sure that a meeting with us will be worthwhile, we illustrate what makes the bedding technology engineered by BvL so unique on the following pages.

MADE IN GERMANY 

COMFORTTURBO
COMFORTBEDDING

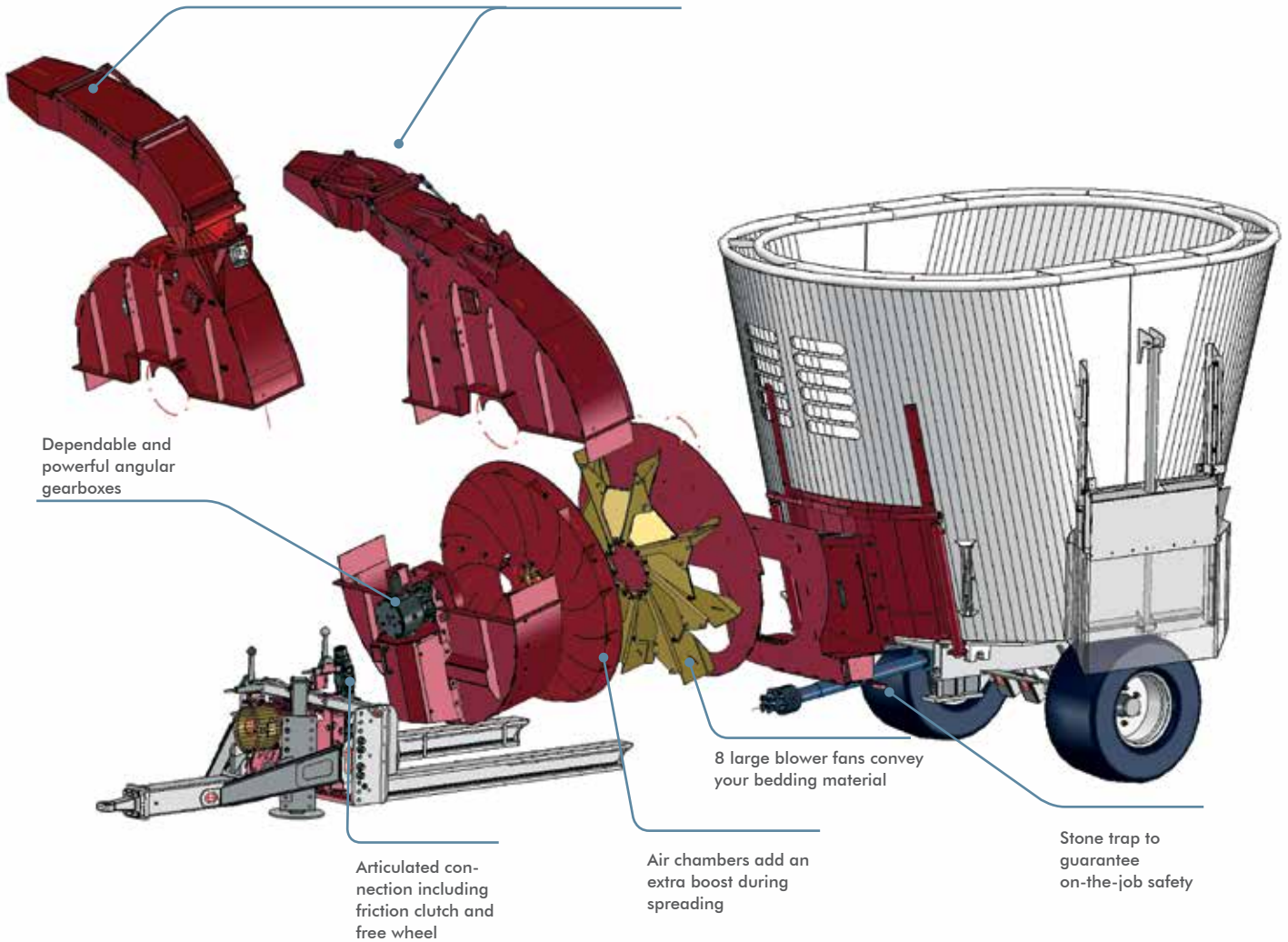
Bedding technology

Our line of V-COMFORT products lets you choose from various different bedding implements that are suitable for a wide variety of applications. Whether you need a mounted bedding implement or prefer a combination of mixer wagon and straw blower – we have the machine that allows you to provide your animals with the most comfortable bedding possible.

 **COMFORT**

The design of the BvL straw blower Intricate technology for the jobs you do every day

Modular top section:
hydraulic slewing control for discharge on both sides or direct
ejector for discharge on one side



Recognized with an award for innovation

It seems as though the DLG is just as convinced of our straw blower as we are. Their experts praised the exquisite technology and design of our new straw blower. The DLG was particularly impressed with the output per minute and the throw distance our straw blower managed to achieve.

In France, the France Agricole was amazed enough to bestow their innovation award on us. The Inel d'OR award will receive a special place of honor at our company and signifies to us that our straw blower is exactly the technology today's farmers need to boost their productivity.

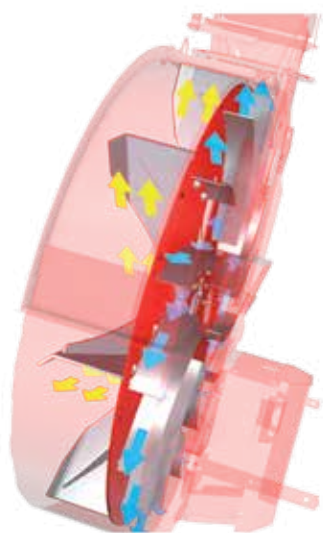


**BVL STROHGEBLÄSE
V-COMFORT TURBO**
✓ Strohverteilung
✓ Durchsatzleistung
✓ Leistungsbedarf
DLG-Prüfbericht 6414



Air flow needs air to blow

How does air flow through the BvL straw blower?



The air flow principle

Including two chambers fitted in the housing, the design of the BvL straw blower allows for powerful straw ejection that is assisted and increased by air flow. The built-in wind charger creates suction that reliably draws the straw into the blower. In a subsequent step, the straw is accelerated and blown out by the impeller.

COMFORTURBO

Outfit your machine with the equipment you need



Straw blower at the rear



Straw blower at the front

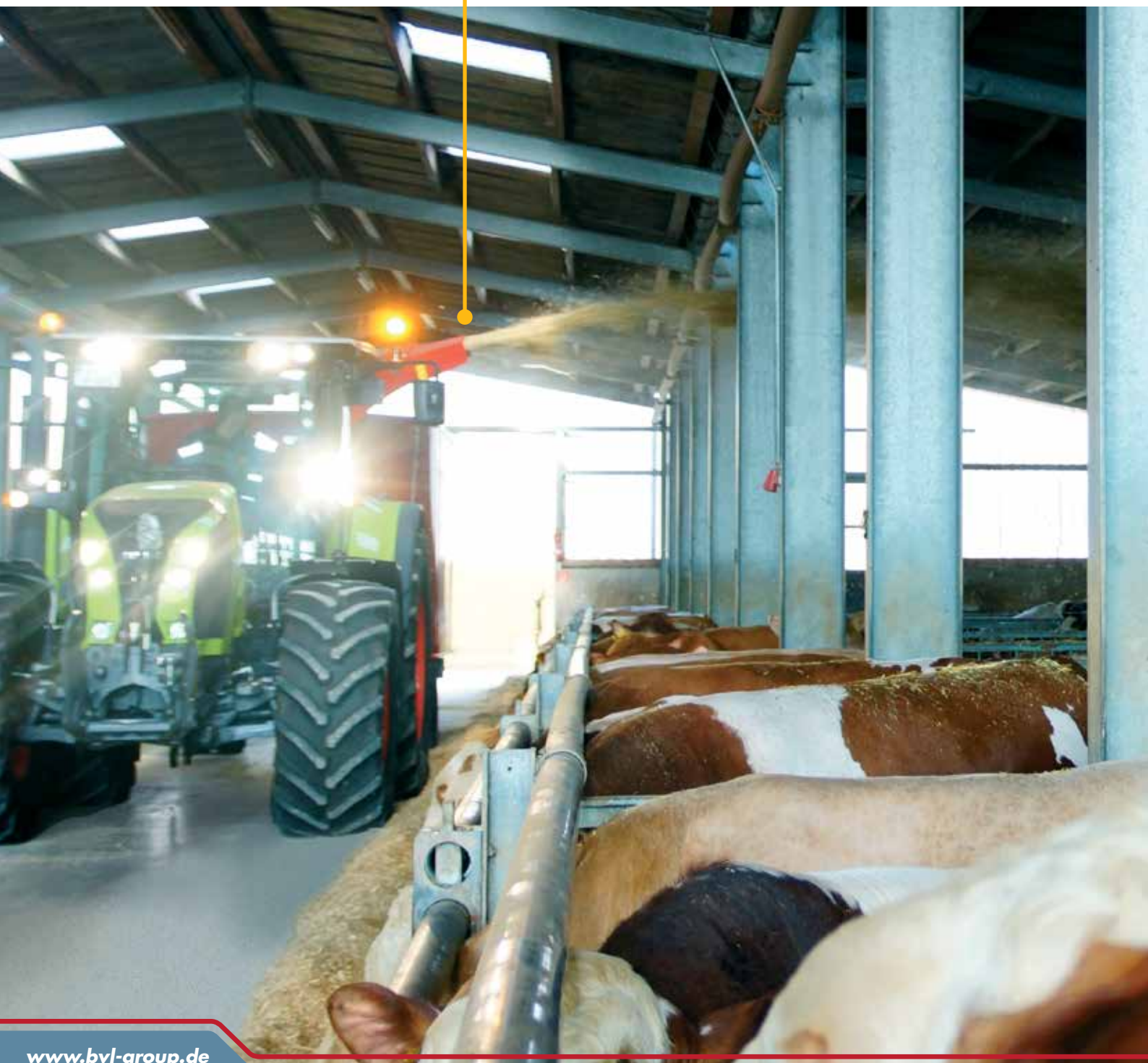
Compact attachment for the V-Mix

As it attaches parallel to the mixing hopper, the straw blower does not take up any additional space. The combination of mixer wagon and straw blower remains ultra compact despite the spacious, high-performance straw blower. Thanks to the inclined and direct installation position, the straw flows directly from the hopper into the straw blower.



Spread far ...

Up to 20 m with perfect ease.



... and even farther!



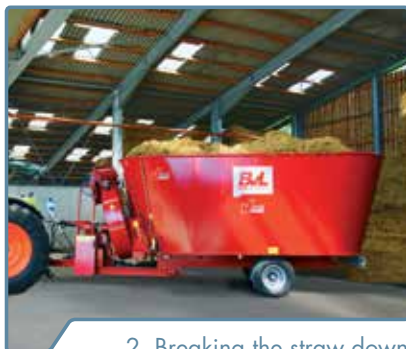
Use of material

Everything revolves around straw

Our straw blower V-COMFORT Turbo allows you to disperse any type of straw – with exceptional ease and power. As it mounts to the V-MIX mixer wagon, you can break down the straw inside the mixer wagon and, to minimize dust, mix it with water before spreading it with the blower. This helps save time and has a positive effect on the well-being of your animals.



1. Loading straw



2. Breaking the straw down



3. Dispersing the straw in the barn



Round bales and square bales

It is possible to open entire round and square bales in the V-MIX mixer wagon before dispersing the straw through the straw blower.

Cow comfort

The health of the animals is of the utmost importance in dairy farming. Key aspects that have a great impact on the health of the animals and, in turn, their milk yields and life expectancy are the way in which they are fed and the design of the surfaces on which they rest. A cow will enjoy lying down for a long time if its lying surface is comfortable. All experts agree: the blood flow in the udder of a cow at rest is increased by 50%. The production of 1 kg of milk requires approx. 500 liters of blood to circulate through the udder. As you can see, you need to allow your cows to rest in order to stimulate their milk production.

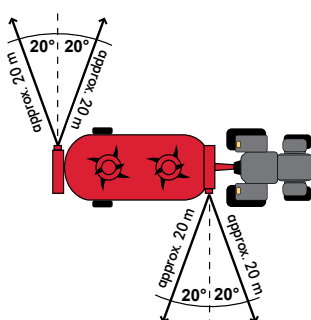


Additional features of our straw blower

Technology that will amaze you!

Just as no man is like the other, no BvL machine is the same as the next one. We tailor each machine to the specific needs and applications of your farm. To attain this objective, we have created a host of possible combination and equipment options.

Spread material however and wherever you want

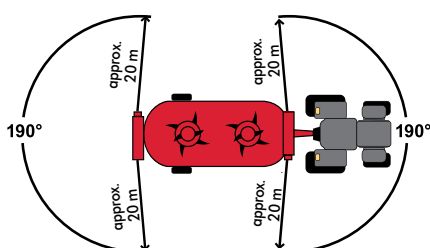


With the direct ejector

Allowing you to adjust the throw distance by approx. 85°, the direct ejector swivels, letting you alter the throw direction by approx. 20° to the right or the left.



The direct ejector



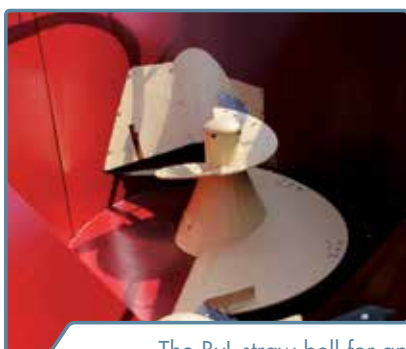
With the hydraulic slewing control

The hydraulic slewing control also offers you the option of hydraulically adjusting the throw distance by 85°. Rotating 190°, the ejection chute makes it possible to discharge the material to both sides.



The hydraulic slewing control

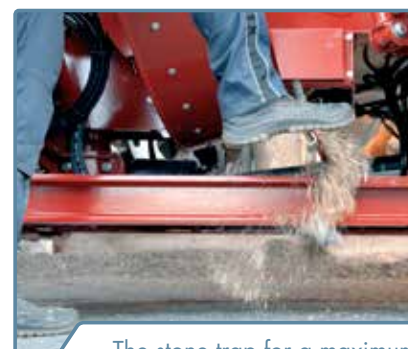
Additional features



The BvL straw bell for an unobstructed flow of material



Device for adding water to the mixing hopper



The stone trap for a maximum degree of on-the-job safety

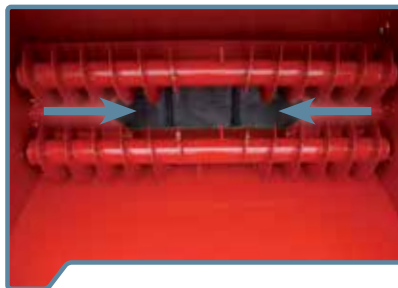
Spreading made easy – V-COMFORT Bedding

For superior cow comfort



Tipping sensor

The sensor monitors the tipping angle of the bedding implement and prevents the dispensing rollers from starting up inadvertently.



Discharge opening

The discharge opening of the bedding implement can be adjusted manually to fit different kinds of bedding materials. This ensures that the implement can be adapted to the conditions present on site.



Speed control for the conveyor belt

The speed control is an optional feature that adds convenience to the V-COMFORT Bedding implement. You can use it to spread at a slower and faster pace if you, respectively, need to dispense material with greater precision in narrow stalls and quickly pass over the deep bed cubicles.

Use of material

A slew of bedding options thanks to our V-COMFORT Bedding

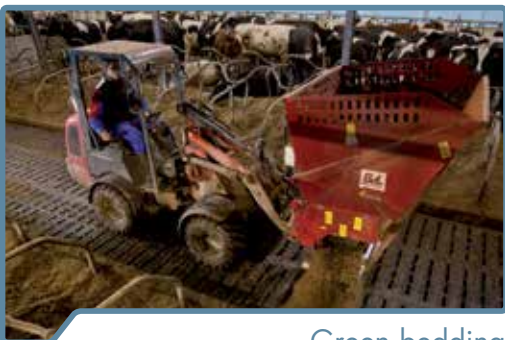
No matter which bedding material you prefer on your farm, the discharge opening of the V-COMFORT Bedding will easily adapt to your material of choice and allow for reliable and uniform spreading.



Chopped straw



Sawdust



Green bedding



Straw-lime mix keeps cows perfectly comfortable

Opting for straw-lime mixes as bedding material is an excellent choice. Lime, straw and water are mixed (in the V-MIX mixer wagon) and dispersed via the bedding implement. We recommend the following mixing ratios for your bedding material:

	Straw	Carbonated lime	Water	Consistency
Substrate	200 kg	1000 kg	400 liters	moist
Follow-up bedding	300 kg	900kg	300 liters	less moist







Technical data

Bedding	Capacity approx. (m ³)	Width of the hopper (mm)	Overall width (mm)	Height (mm)	Unladen weight approx. (kg)	Max. payload (kg)	Power requirement approx.	Dispensing rollers	Throw direction
1000	1.0	1000	1260	1800	360	300	Pmin 150 bar Pmax 180 bar Qmin 20 L/min Qmax 40 L/min	2	Rear installation: on the left in the direction of travel
1200	1.2	1200	1360	1800	405	350	Pmin 150 bar Pmax 180 bar Qmin 20 L/min Qmax 40 L/min	2	Front installation: on the right in the direction of travel
1500	1.5	1500	2000	1800	485	480	Pmin 150 bar Pmax 180 bar Qmin 20 L/min Qmax 40 L/min	2	Possible on both sides
1700	1.7	1700	2000	1800	530	600	Pmin 150 bar Pmax 180 bar Qmin 20 L/min Qmax 40 L/min	2	
Turbo	Installation	Additional weight approx. (kg)	Additional length min. approx. (mm)	Height with standard tires approx. (mm)	Throw distance (m) / output per minute	Slewing control of throw direction	Stone trap	Straw bell	Drive speed
Front installation**	For V-MIX Plus 1S and 2S	V-MIX Plus 1S: 1225 V-MIX Plus 2S: 1300	750	Direct ejector: 2700 With hydraulic slewing control: 3100	Up to 20 / 250 kg per min	Approx. 190°	Standard equipment	Optional equipment	540 rpm
Rear installation**	For all V-MIX models	1000	650	Direct ejector: 2700 With hydraulic slewing control: 3100	Up to 20 / 250 kg per min	Approx. 190°			540 rpm

* The V-MIX Plus 3S allows for rear installation only.

** Not possible on the V-MIX Plus T model and for smaller capacities of 6.5 m³.

Spreading with the V-MIX

All of our mixer wagons can be used for spreading bedding material. When loaded into the mixer wagon, the bedding material will be mixed / broken down. The bedding material can then be dispersed over the lying surfaces via the fast-rotating, high-performance conveyor belt or the conveyors. While dispersing the material, you can also regulate the cross conveyor using the optional speed control.





Feeding
equipment

Unloading
technology

Bedding
technology

Biogas
equipment

System
technology



The best solution for your farm – for highest yield, a healthy environment, and optimal conditions for your cows: The name **Bernard van Lengerich** has stood for these goals since 1860. You get what you need from us to achieve these goals.

We work with an awareness of quality and value. Extensive experience and first-class, knowledgeable employees are your guarantee that **BvL** is the best choice you can make.



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