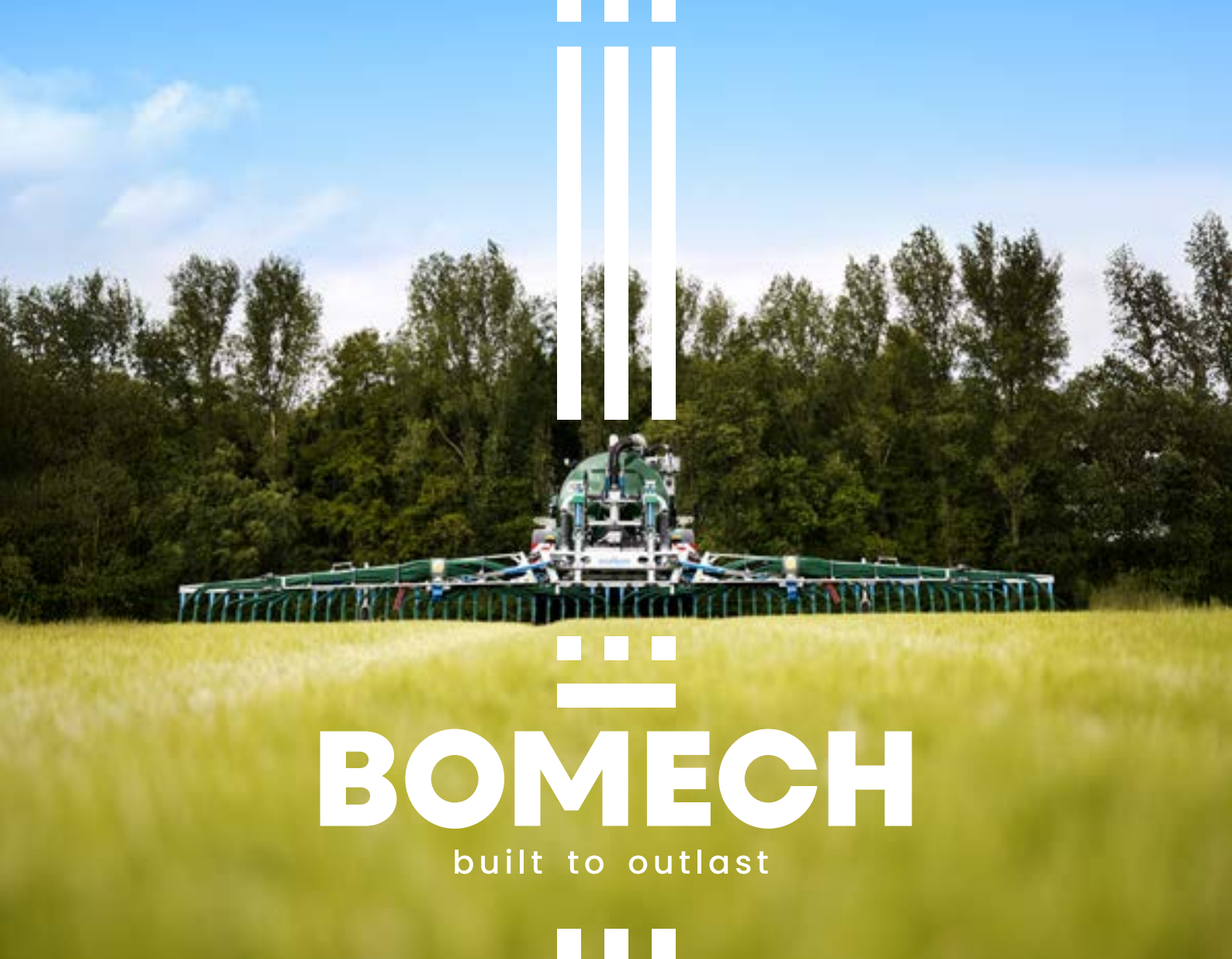




BOMMECH

built to outlast

Catalogue



04	About Bomech
06	Bomech Quality
08	Bomech Service
10	Retrofitting
14	Trailing shoe
38	Dribble bar
46	Umbilical systems
54	Disc injector
56	Control options
58	OptiFlow 18.75 cm hose distance
60	Technical data
64	Alrena precision macerator
65	Alrena ASC-system



Built for those who demand the best



The pioneer of trailing shoe technology

Bomech was the first company in the world to introduce the trailing shoe system for slurry application, setting the standard for an entire industry.

Since day one, our mission has been clear: deliver the most precise, reliable and efficient slurry distribution possible. The Bomech range is built to provide an exceptionally efficient and reliable solution for your slurry application needs on any surface.



Built to survive the toughest conditions

Bomech uses the best materials

Every Bomech machine is constructed with the highest quality components available to guarantee durability, performance, and reliability in every detail. Each component is carefully selected to withstand the toughest conditions and deliver consistent quality in the field. From high-grade steel to advanced coatings, our materials ensure long-lasting operation and minimal maintenance. With Bomech, you can rely on equipment built to perform — season after season.



Service to keep you moving

Bomech offers outstanding service

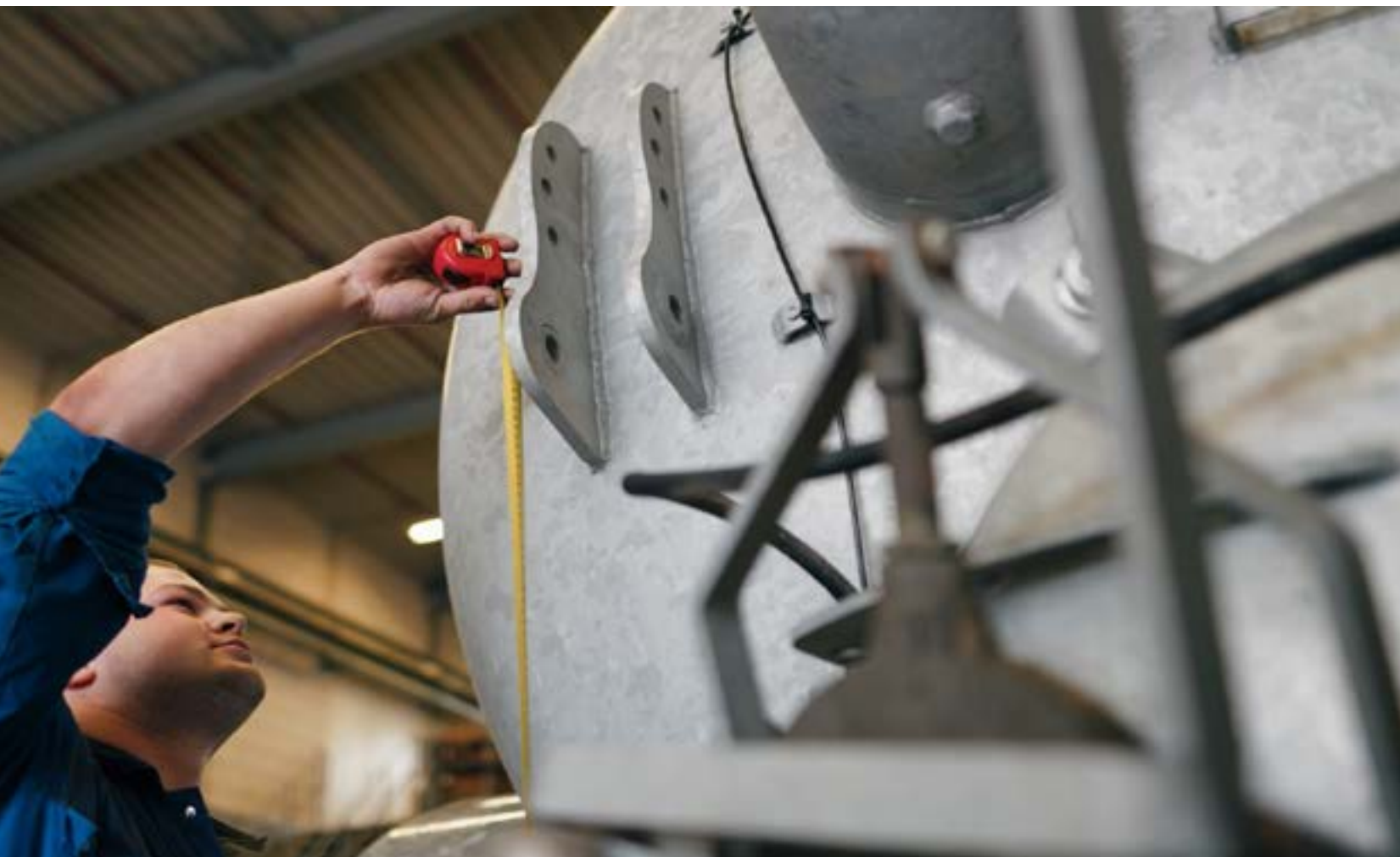
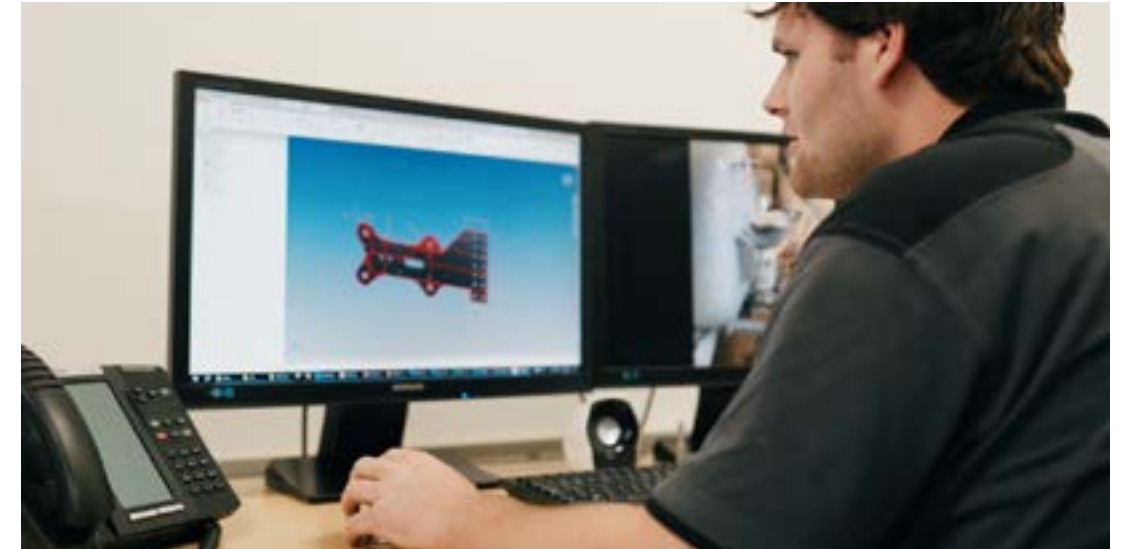
Our service department is known for its accessibility, quick response times, and in-depth product knowledge with a dedicated team that's always ready to help. Whether you need technical support, spare parts, or expert advice, Bomech ensures every customer receives personal attention and reliable assistance. We're here to keep your equipment moving — anytime, anywhere.



Built to **fit** any tank

Bomech is specialized in retrofitting

No matter the brand, size, or age of your slurry tanker, Bomech systems can be seamlessly mounted for optimal performance. Our engineering expertise based on years of experience ensures a perfect fit and reliable operation in every situation. With Bomech, upgrading your existing tanker is simple, efficient, and built to outlast.



1. Measuring the tanker

Measuring the dimensions of the slurry tanker using a data sheet developed for each tanker model on the market.

2. Preparing custom mounting parts

Preparing custom-made coupling parts (with over 350 references available from stock), or developing new parts if necessary together with our specialised retrofit engineers.

3. Preparing and shipping the retrofit kit

Palletising all required retrofit parts at our factory in the Netherlands, then shipping them to our dealers around the world.

4. Installation on the tanker

Installing the parts on the tanker, followed by mounting the trailing shoe or dribble bar system.

Built to outlast



Trailing shoe

The Bomech trailing shoe system places the slurry directly beneath the crop, supporting efficient nutrient uptake and promoting higher dry matter yields per hectare. The grass remains clean and ready for direct feeding, while nutrients are absorbed efficiently with minimal nitrogen losses. This ensures maximum forage quality and optimal use of fertilisers under all conditions.

Suitable for every soil type, even hilly terrain, our trailing shoe system requires less traction and fuel, reducing operating costs and the need for mineral fertilisers. At the same time, emissions are drastically reduced, making slurry application both profitable and environmentally friendly.





The Bomech UP is a trailing shoe, specially designed for smaller tankers with minimal preparation. The Bomech UP folds vertically and compactly behind the tanker. With the U-shaped mounting frame and the Bomech quick-change system, mounting is possible on almost any slurry tanker, even on tankers with a large manhole. With an outer width of 2.55 m it is very safe during road travel.

Unequalled ground tracking thanks to new Bomech Field Contour System (FCS)

A unique top feature and heart of the UP series is the patented Bomech FCS ground tracking system. The system enables unequalled ground tracking in uneven terrain and slopes, even under the most difficult terrain conditions. By means of the FCS system, the trailing shoe systems can adapt to the ground contour completely free of the tanker movements, in the transverse and longitudinal direction and thus always ensuring optimum slurry placement.



High positioned Alrena precision macerator



Field Contour System (FCS)

Highly versatile system

The Bomech UP is available for umbilical systems and also as a dribble bar system, offering reliable performance across all working widths.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
6	2.55	575	25	24
7.5	2.55	590	25	30
9	2.55	800	25	36
10.5	2.55	825	25	42

Highlights of the UP:

1. Unique and patented Bomech Field Contour System (FCS) for perfect ground tracking
2. All hydraulic folding cylinders have end cushioning for maximum performance and gentle folding
3. A highly positioned Alrena macerator with stone / debris traps
4. Mounting options for any slurry tanker with minimal mounting preparation thanks to the Bomech quick change system
5. Also available for umbilical systems and as a dribble bar sys
6. Control possibilities for retrofitting: I-Control or 2DA sequence control, more info on page 56

Special requests and working widths available on request. Patented system.



The Flex trailing shoe system is a compact and lightweight trailing shoe system available in working widths of 7.5 m and 9 m. The system is easy to mount on any slurry tanker and is also available for self-propelled vehicles. The lightweight system makes it ideal for retrofitting on existing tankers.

The integrated automatic level adjustment system allows the trailing shoes, each with its own suspension, to adjust to the landscape. One Alrena precision macerator, with a rotating cutting system and a controlled and guaranteed air flow, ensures precise distribution of the slurry.

The Bomech-Flex folds compactly behind the tanker so that this type of trailing shoe system can be attached regardless of the diameter of the tanker. With the 7.5 m working width, the Flex has a transport width of only 2.55 m. Before folding, the outlets are lifted up first, so that absolutely no soiling of headlands, streets and agricultural roads can take place.



Specially designed trailing shoe



Alrena precision macerator

Alrena precision macerator

The Flex is equipped with one Alrena precision macerator, which contains a rotating cutting system for optimal cutting performance and offering precise slurry distribution.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
7.5	2.55	775	25	30
9	2.99	900	25	36

Highlights of the Flex:

1. Folds compactly behind the vehicle
2. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
3. Also possible for self-propelled vehicles
4. Automatic level adjustment on the middle frame for optimal contour adjustment
5. One Alrena precision macerator with rotating cutting system
6. Can drive up to 20 km/h in working position
7. Control possibilities for retrofitting: I-Control or E-Control, more info on page 56

Special requests and working widths available on request. Patented system.

Speedy One



|| 7.5 | 9 | 10.5 | 12 M

The Speedy One trailing shoe is a lightweight and affordable type of Bomech trailing shoe with one Alrena precision macerator. The Speedy One is very compatible with tankers with a diameter of max. 2 m. This type of trailing shoe has a small transport width of 2.55 m. The Speedy One is available in 7.5, 9, 10.5 and 12 m working widths.

The Bomech-Speedy One folds compactly along the tanker so that the centre of gravity of the trailing shoe system in the transport position comes closer to the front. When folding, the outlets are raised first so that absolutely no soiling of headlands, streets and agricultural roads can take place. The basic hydraulics and standard version requires 3 double-acting control units (3DA). Optionally, the I-Control as well as the E-Control is possible with this trailing shoe system. For more information on all possible Bomech controls, check the technical data on the last pages of this brochure.



Pendle system in middle frame



Steel cable system

Integrated pendle system and steel cable system

The Speedy One features an integrated pendle system in the midframe, as well as a steel cable system to ensure long-lasting durability.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
7.5	2.55	950	25/18.75	30/40
9	2.55	1060	25/18.75	36/48
10.5	2.55	1115	25	42
12	2.55	1165	25/18.75	48/64

Highlights of the Speedy One:

1. One Alrena precision macerator with rotating cutting system
2. The 9 m and 10.5 m are secured with 3-dimensional impact protection system
3. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
4. Transport locking on the cylinders is integrated in the midframe
5. Automatic level adjustment on the middle frame for optimal contour adjustment
6. Easy installation for almost every tanker
7. Control possibilities for retrofitting: I-Control or E-Control, more info on page 56

Special requests and working widths available on request. Patented system.



Speedy Small



12 | 15 M

The Speedy Small trailing shoe is a lightweight and affordable type of Bomech trailing shoe. With a max. tanker diameter of 1.75 m, this series has a transport width of only 2.55 m and a total height of 3.2 m. These top-features make the Speedy Small very compatible for tankers with a smaller diameter and with smaller wheels.

The Bomech-Speedy Small folds compactly along the tanker so that the centre of gravity of the trailing shoe system in the transport position comes closer to the front. When folding, the outlets are raised first so that absolutely no soiling of headlands, streets and agricultural roads can take place.

The basic hydraulics and standard version requires 3 double-acting control units (3DA). Optionally, the I-Control as well as the E-Control is possible with this trailing shoe system. For more information on all possible Bomech controls, check the technical data on the last pages of this brochure.



Steel cable system



Double pendle system

Double pendle system and steel cable system

The Speedy Small has an integrated pendle system in the midframe. When folded out the cylinders are in a floating position and the arms can move freely. The steel cable system ensures a long-lasting durability.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.55	1325	25/18.75	48/64
15	2.55	1425	25/18.75	60/80

Highlights of the Speedy Small:

1. Equipped with two Alrena precision macerators
2. The Speedy Small 15 m is secured with a 3-dimensional impact protection system
3. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
4. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
5. Transport locking on the cylinders is integrated in the mid frame
6. OptiFlow 18.75 cm hose distance available
7. Control possibilities for retrofitting: I-Control or E-Control, more info on page 56

Special requests and working widths available on request. Patented system.

Speedy

12 | 15 M

The Speedy is a lightweight and affordable trailing shoe series. With a max. tanker diameter of 2.25 m, this series has a transport width of only 2.99 m and a total height of 3.4 m. The Speedy is available with a working width of 12 m or 15 m. The 12 m machine weighs just 1.325 kg.

The Bomech-Speedy folds compactly along the tanker so that the centre of gravity of the trailing shoe system in the transport position comes closer to the front. When folding, the outlets are raised first so that absolutely no soiling of headlands, streets and agricultural roads can take place. The basic hydraulics and standard version requires 3 double-acting control units (3DA). Optionally, the I-Control as well as the E-Control is possible with this trailing shoe system. For more information on all possible Bomech controls, check the technical data on the last pages of this brochure.



Steel cable system



Specially designed trailing shoe

Double pendle system and steel cable system

The Speedy has an integrated pendle system in the midframe. When folded out the cylinders are in a floating position and the arms can move freely. The steel cable system ensures a long-lasting durability.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.99	1325	25/18.75	48/64
15	2.99	1425	25/18.75	60/80



Highlights of the Speedy:

1. Equipped with two Alrena precision macerators
2. The Speedy 15 m is secured with a 3-dimensional impact protection system
3. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
4. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
5. Transport locking on the cylinders is integrated in the mid frame
6. OptiFlow 18.75 cm hose distance available
7. Control possibilities for retrofitting: I-Control or E-Control, more info on page 56

Special requests and working widths available on request. Patented system.

Farmer

12 | 15 M

The Farmer trailing shoe is a stable and low weight slurry spreader. The Farmer is available with a working width of 12 m and 15 m. The compact design and a centre of gravity located close to the slurry tanker means that the Farmer is well suited for retrofitting. The Farmer can be mounted directly onto the slurry tanker, or onto any 3-/4-point linkage.

The Farmer folds compactly along the tanker so that the centre of gravity of the trailing shoe system in the transport position comes closer to the front. When folding, the outlets are raised first so that absolutely no soiling of headlands, streets and agricultural roads can take place. The basic hydraulics and standard version requires 3 double-acting control units (3DA). Optionally, the I-Control as well as the E-Control is possible with this trailing shoe system. Also an ISOBUS-ready version is possible. For more information on all possible Bomech controls, check the technical data on the last pages of this brochure.



Springs are positioned to the inside in transport position

Double pendle system

The Farmer has an integrated pendle system in the midframe and in both arms. When the trailing shoe system is on the ground, the cylinders are in a floating position and the arms can move freely.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.99	1450	25/18.75	48/64
15	2.99	1625	25/18.75	60/80



Highlights of the Farmer:

1. Two Alrena precision macerators with rotating cutting system
2. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
3. The Farmer 15 m is secured with an impact protection system
4. Different section control options (mechanic, hydraulic or with the Alrena ASC-System) are available
5. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
6. OptiFlow 18.75 cm hose distance available
7. Control possibilities for retrofitting: I-Control or E-Control, more info on page 56

Special requests and working widths available on request. Patented system.

Farmer Gen. II

18 M

The Farmer Gen. II trailing shoe is the newest type in the Farmer series and available in 18 m. A strong main frame including a steel cable system makes the 18 m working width possible. The compact design and a centre of gravity close to the slurry tanker also makes the Farmer GEN. II 18 very suitable for retrofitting. The Farmer can be mounted directly on the slurry tanker or on a 4-point linkage.

Steel cable system

The wing suspension system by means of a steel cable system works automatically and there are no special prerequisites or requirements for the slurry tank. This system reduces the static and dynamic stress of the wide booms on the frame and on the hydraulic cylinder by at least 50%. The optimal interplay between the forces, which are simultaneously used as a counterweight, boosts the stability and durability of the Farmer GEN. II 18.



Reinforced main frame



Arm extension 15 m

Hydraulic folding arm extension

The Farmer GEN. II 18 has an optional 1.5 m long hydraulically folding arm extension on each side. This reduces the transport length so that the Farmer GEN. II 18 can also be attached to shorter tankers. With these folding arm extensions, the working width can also be reduced.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
18	2.99	2000	25/18.75	72/96



Highlights of the Farmer Gen. II:

1. Reinforced main frame + steel cable system
2. Short mounting length because of optional hydraulic folding arm extension
3. The Farmer GEN. II 18 m is secured with an 3-dimensional impact protection system of 1.25 m
4. Possibility to spread slurry at 15 m in combination with the Alrena ASC-system
5. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
6. OptiFlow 18.75 cm hose distance available
7. Control possibilities for retrofitting: I-Control or E-Control, more info on page 56

Special requests and working widths available on request. Patented system.

Multi Profi

12 | 15 | 18 M

The Multi Profi trailing shoe system is a solid and professional slurry spreader, available in working widths of 12 until 24 m and also available in a self-propelled version. With an 8" inch connection, the machine ensures an equal lateral distribution up to 12,000 litres per minute. For the 21 and 24 m version, see next page.

The trailing shoe system comes with many optional features: different hydraulic arm extensions and various section control possibilities (mechanical, hydraulic or with the Alrena ASC-system). In its standard model, the system is prepared for 4-/5-point linkage, category 3 or 4 (12 m and 15 m also possible in 3-point linkage).

Multi HC | Heavy Construction version

When conditions demand more strength and capacity, Bomech provides the solution. The reinforced HC-frame increases stability with a stronger centre frame and handles up to 12,000 litres per minute. The HC-frame comes standard in the Multi Profi series.



Multi Profi self-propelled on headland



Heavy Construction frame (HC)

Hydraulic folding arm extension

In the 15 and 18 m, the Muti Profi has an optional hydraulic arm extension folding of 1.5 m on each side.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.99	2125	25/18.75	48/64
15	2.99	2225	25/18.75	60/80
18	2.99	2525	25/18.75	72/96

* For Multi Profi self-propelled 3.29 m
Custom made specifications and working widths on demand

Highlights of the Multi Profi:

1. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
2. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
3. Equipped with HC-frame as standard
4. Different automatic section control options (mechanic or hydraulic) are available
5. Hydraulic suspension system standard in 18 m and optional in 12 and 15 m
6. OptiFlow 18.75 cm hose distance available
7. Optional control system for retrofitting: I-Control, more info on page 56
8. Standard equipped with armoured trailing shoes

Special requests and working widths available on request.
Patented system.

Multi Profi

21 | 24 M

The Multi Profi series is also available in 21 and 24 m. One of the key features of this series is its hydraulic suspension system, allowing the trailing shoe to move independently from tank movements through four hydraulic suspension points on the centre frame. It works automatically for optimal contour adjustment and is standard for the Multi Profi 21 and 24 m.

Hydraulic folding arm extension

The Multi Profi 21 m can be equipped with 1.5 m hydraulic folding arm extensions on each side (2 m at 24 m). The 21 m and 24 m models also offer 3 m extensions. These reduce both transport length and working width – for example, from 21 m to 15 m or from 24 m to 18 m.

Hydraulic wing suspension

The automatic hydraulic wing suspension system, using a steel cable mechanism, requires no special tank setup and reduces frame and cylinder stress by at least 50%. The balanced force distribution increases stability and durability of the Multi Profi.



Hydraulic folding arm extension



Heavy Construction frame

Armoured trailing shoe

The Multi Profi series comes with armoured trailing shoes.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
21/18	2.99	2875	25	84
21/15	2.99	2950	25	84
24/20	2.99	3125	25	96
24/18	2.99	3200	25	96

* For Multi Profi self-propelled 3.29 m
Custom made specifications and working widths on demand

Highlights of the Multi Profi:

1. Standard equipped with hydraulic suspension system
2. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
3. Equipped with HC-frame as standard
4. Different section control options (mechanic, hydraulic or with the Alrena ASC-system) are available
5. With the 21/15 and the 24/18 an additional 90 degree folding of 1.5 m is possible in the 3 m arm extension
6. Prepared for 4-/5-point linkage, category 3 or 4
7. The 21 and 24 m version are equipped as a standard with a 3-dimensional collision protection
8. Standard equipped with armoured trailing shoes

Special requests and working widths available on request.
Patented system.

Multi 4XL



||| 27 | 30 M

The Multi 4XL trailing shoe system is a sophisticated and durable slurry spreader available with a working width of 27 m or 30 m. This trailing shoe with a very high capacity is manufactured in a way the biggest pumps available will not be limited by the capacity of the trailing shoe. Two 6" connections with rotary joints or one 8" connection supplies four Alrena precision macerators for precise slurry distribution over the entire working width. The systems connection to the tank is fitted with two acid-resistant rotary joints to prevent the feed hose (which is positioned between the tank and the spreader) from moving.

3 m or 4.5 m hydraulic folding arm extension

The Multi 4XL has an optional 3 m long hydraulic folding arm extension on each side. The folding arm option not only reduces the transport length, but also the working width if necessary. The working width will be reduced from 27 m to 21 m or from 30 m to 24 m. On the headland the arm extensions are slightly lifted to create extra space on the edge of the fields. Optionally, a 4.5 m arm extension folding is also available.



4.5 m folding arm extension



Middle frame Multi 4XL

Standard model with steel cable system

This system reduces the static and dynamic stress of the wide booms on the frame and on the hydraulic cylinder by at least 50%.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
27	2.99	4450	25	108
30	2.99	4600	25	120

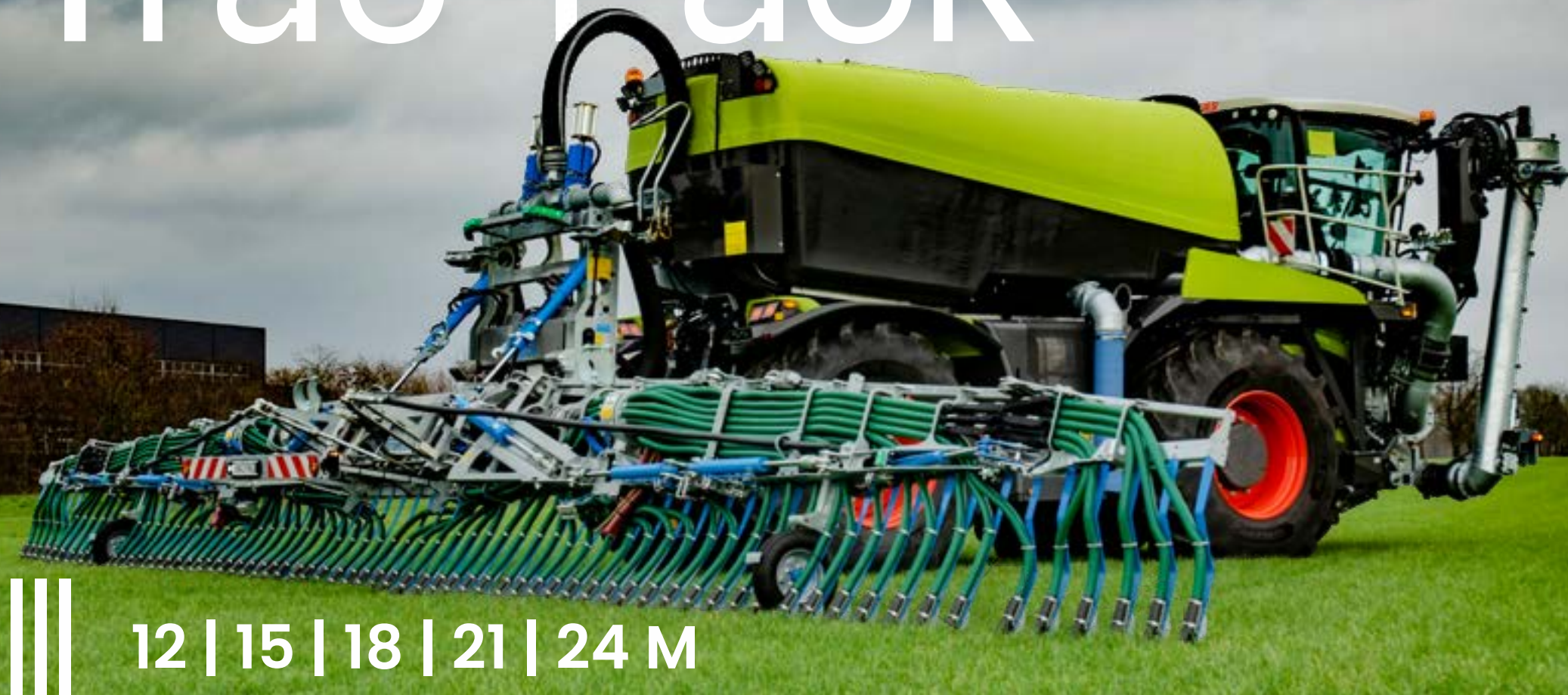
Highlights of the Multi 4XL:

1. Four Alrena precision macerators with rotating cutting system
2. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
3. Suitable for large and small spread volumes
4. Different section control options (mechanic, hydraulic or with the Alrena ASC-system) are available
5. As a standard, the trailing shoe system is equipped with a hydraulic suspension system
6. Output capacity > 12 cbm per minute
7. Prepared for 5-/6-point linkage, category 3 or 4
8. Standard equipped with armoured trailing shoes

Special requests and working widths available on request. Patented system.



Trac-Pack



12 | 15 | 18 | 21 | 24 M

The Bomech Trac-Pack is a compact and stable trailing shoe system, specially developed for self-propelled vehicles. It is available in working widths 12, 15, 18, 21 and 24 m and has a transport width of only 2.99 m and is equipped as standard with two (12, 15 and 18 m) or four (21 m and 24 m) Alrena precise macerators.

The Bomech Trac-Pack trailing shoe system completely folds behind the self-propelled vehicle. All cylinders of this fourfold folding are equipped with an end cushioning. The Trac-Pack series is equipped with hydraulic valves under the debris traps of the macerators, in such a way that the streets and agricultural roads should not be soiled with slurry.

Due to the compact design and a centre of gravity close to the transport vehicle, the Trac-Pack can be retrofitted to almost any vehicle and can be quickly exchanged with any other equipment that can be used behind a self-propelled vehicle.



Trac-Pack 21 m



Trac-Pack 18 m

Flexible working widths

On the 18 m and 24 m, a reduction of the width is standard with an arm extension folding of 1.5 m per side.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.99	2650	25	48
15	2.99	2750	25	60
18	2.99	3300	25	72
21	2.99	3750	25	84
24	2.99	4000	25	96

Highlights of the Trac-Pack:

1. Folds simply and compactly behind the self-propelled vehicle
2. Hydraulic level adjustment on the middle frame and on both side arms for optimal contour adjustment
3. Very quick and easy to mount and dismount
4. The 1.5 m folding arm extension is optional on the 15 and 21 m
5. Various section control options are available (mechanic, hydraulic or with the Alrena ASC-system)
6. Prepared for 3-/4-/5-point linkage, category 3 or 4
7. Standard equipped with armoured trailing shoes

Special requests and working widths available on request. Patented system.

Dribble bar

Bomech Dribble Bars are the ideal choice for flexible and efficient slurry application. With working widths up to 36 metres and a standard hose distance of 25 cm, they offer unmatched capacity while keeping weight and maintenance low. The dribble bar hoses place the slurry precisely between the crops, minimizing contamination of leaves and maximizing nutrient uptake.

Compact folding systems, durable design, and easy mounting make Bomech Dribble Bars the perfect partner for contractors and farmers who demand reliability – built to outlast.



Evolution Eco

12 | 15 | 18 M

Bomech is responding to the growing international demand and is presenting a new series of dribble bar systems with working widths of 12, 15 and 18 m. Flexibility is guaranteed: the 18-metre system can also be operated at 15 m thanks to an additional folding mechanism. All models ensure precise distribution with a hose spacing of 25 cm and 50 mm outlets. The 18 m version is equipped as a standard with a 1.5 m collision protection. In addition, the new line comes with a patented drop-stop system that makes it possible to lift and lower the hoses in any position.

Alrena macerators

The new dribble bar series is equipped with 2 Alrena macerators on each dribble bar. This not only guarantees a large flow rate, but also minimises the V-formation at the start of the slurry spreading. In addition, the Alrena macerator has many advantages such as very low wear, the ability to run dry without slurry and a very high distribution accuracy due to the patented air flow system.



Evolution Eco 18 m



Evolution Eco 18 m folded on 15 m

Mounting to tanker

The Evolution Eco can be fitted directly onto a 3- or 4-point linkage. It is also possible to mount the dribble bars directly to the frame of the tanker, without a hydraulic linkage.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.99	1500	25	48
15	2.99	1900	25	60
18	2.99	2200	25	72

Highlights of the Evolution Eco:

1. Standard hose distance 25 cm
2. Hose outlets diameter 50 mm
3. Collision protection on 18 metre version of 1.5 m on both sides
4. Patented drop-stop system with folding cylinders
5. Transport width 2.99 m for tank diameters up to 2,200 mm (mounting on wider tankers possible)
6. Various section control options are available (mechanic, hydraulic or with the Alrena ASC-system)
7. Optimal hose guidance for narrow transport width
8. All hydraulic cylinders have end cushioning for maximum performance and gentle folding

Special requests and working widths available on request. Patented system.

Evolution Profi

21 | 24 M

Bomech is responding to the growing international demand and is presenting a new series of dribble bar system with working widths of 21 and 24 m. Flexibility is guaranteed: the 24 m can also be operated at 18 m thanks to additional folding arms of 3 m on both sides. All models ensure precise distribution with a hose spacing of 25 cm and 50 mm outlets. In addition, the new line comes with a patented drop-stop system that makes it possible to lift and lower the hoses in any position. Hydraulic cushioning cylinders are specially designed to let the dribble bar move smoothly during braking or lifting, providing extra protection and long-lasting durability.

Automatic height control system

The new 24 and 21 m dribble bar systems are equipped with a state-of-the-art height control system. Special sensors control both booms separately, ensuring that the optimal distance to the ground is always maintained and that the slurry is precisely applied. This automatic system also relieves the driver since no manual height adjustments are needed.



Evolution Profi 24 m



Evolution Profi height control system

Alrena precision macerators

The new dribble bar series is equipped with 2 Alrena macerators on each dribble bar. This not only guarantees a large flow rate, but also minimises the V-formation at the start of the slurry spreading.

Scan the QR code to discover more — including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
21	2.99	2800	25	84
24	2.99	3200	25	96

Highlights of the Evolution Profi:

1. Standard hose distance 25 cm
2. Hose outlets diameter 50 mm
3. Collision protection on 24 m and 21 m version
4. Patented drop-stop system with folding cylinders
5. Transport width 2.99 m for tank diameters up to 2.2 m (mounting on wider tankers possible)
6. Various section control options are available (mechanic, hydraulic or with the Alrena ASC-system)
7. Sensor-controlled height adjustment system for both main arms
8. All hydraulic cylinders have end cushioning for maximum performance and gentle folding

Special requests and working widths available on request. Patented system.

Evolution Vario

Variable working width between 21 and 36 M



Due to the increasing international demand for even wider machines, Bomech has developed the Evolution Vario dribble bar. The functionality of this dribble bar is very unique. The Evolution Vario with a maximum working width of 36 m can be telescoped by up to 7.5 m on each side. This allows the driver to adjust the working width continuously between 21 and 36 m. This new machine also offers the option of retracting one arm by 1.5 or 2 m for buffer strips, for example. If the driver telescopes the boom, hose after hose is swivelled upwards by means of a cam track. They will fold in the middle area and are thus tight.

Double steel cable system (hydraulic)

Bomech has used the experience gained from the wide trailing shoe systems and developed a damping steel cable construction at the top behind and in front of the dribble bar. When the driver brakes, the forward-flying wings are stabilised by the hydraulically pre-tensioned cables, which are damped by means of a nitrogen bladder.



Evolution Vario folded to 21 m



Evolution Vario folded to 30 m

Automatic height control

The Evolution Vario has a state-of-the-art height control system. By means of a height control sensor, both arms are controlled separately so that an optimal height distance to the ground is created in order to place the slurry in an optimal way.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
36	2.99	7000	25	144

Highlights of the Evolution Vario:

1. Standard hose distance 25 cm
2. Hose outlets diameter 50 mm
3. Transport width 2.99 m for max. tank diameter 2.1 m (mounting on wider tanks is also possible)
4. Possible working widths 36, 33, 30, 27, 24 and 21 m by means of a cam track
5. Any intermediate working width possible, per full metre (on request)
6. Equipped with unique hydraulically pre-tensioned steel cable system for extra stability
7. From an active working width of 24 m, the two main booms are equipped with a 3 m collision protection system
8. Drop-stop for road travel

Special requests and working widths available on request. Patented system.

Umbilical systems

Bomech umbilical systems are designed for maximum efficiency in slurry application. The slurry is pumped directly from the storage pit to the trailing shoe system in the field, eliminating the need for a tanker on the land. This results in less soil compaction, lower fuel consumption, higher capacity, and extended service life of the trailing shoe.

With a constant flow and reliable distribution, our umbilical technology ensures precise application under all conditions – built to keep you moving.

Compact Super Profi



15 | 18 M

The Compact Super Profi is a true professional machine that meets the ever increasing demands of users and legislators. With a smart and compact folding and a max. transport width of 2.99 m behind the tractor, even road travel is no problem for this newly developed trailing shoe system. The Compact Super Profi is available in working widths of 15 m and 18 m and has a hose distance of 18.75 cm as standard.

Minimal forces on machine, tractor and land

The Compact Super Profi for umbilical systems is equipped as standard with a robustly constructed swivel tube, which has a very large turning range of more than 170 degrees. This allows the swivel tube with trailing shoe to lie close to the tractor, so that reversing is possible without any problems. Due to the very favourable positioning of the swivel tube pivot point between the lower coupling of the tractor and the swivel tube placed low to the ground, the drag hose has a lot of free hose length when turning. This means that the forces caused by the drag hose when turning have no effect on the tractor, machine and grassland.



Four Alrena precision macerators

The Compact Super Profi is standard equipped with four Alrena precision macerators, this ensures an optimal lateral distribution.



Scan the QR code to discover more – including a full product overview and a video of the machine in action.

Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
15	2.99	3400	18.75	80
18	2.99	3650	18.75	96



Highlights of the Compact Super Profi:

- 170 degree rotatable and fully automatic swivel tube
- Optimum ground tracking thanks to the integrated pendle system
- Two separate controllable machine halves
- Four Alrena precision macerators with rotating cutting system
- Large ground clearance at the headland due to lifting in V-position with raised support wheels
- Equipped as standard with a hydraulic valve to blow off the first liquid manure
- Standard equipped with armoured trailing shoes

Special requests and working widths available on request. Patented system.

Ecoline

12 | 15 M

The new Bomech Ecoline trailing shoe system is designed for precise and reliable slurry application with umbilical systems. Its lightweight yet durable construction makes it easy to handle, while maintaining the quality Bomech is known for.

The compact folding system keeps the transport width below 3 m, making road transport simple. Available in 12 and 15 m working widths, with 25 cm hose spacing (optional 18.75 cm).

Smooth turning and low stress

The Ecoline’s swivel tube minimises forces on the tractor, machine, and grassland. With the optional hydraulic swivel tube, the drag hose stays close to the tractor, making reversing and turning easy. The low pivot point and vertical lift further reduce stress on your system and your soil. An optional 170-degree rotatable and fully automatic swivel tube is available.



Vertical lifting possible



Swivel tube with rotary joint

Collision protection

The 15 m version of the Ecoline series has a 1.5 m collision protection on both sides. This will lower the chance on big damages and will ensure a high and long-lasting durability.

Scan the QR code to discover more – including a full product overview and a video of the machine in action.



Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
12	2.99	2250	25/18.75	48/64
15	2.99	2450	25/18.75	60/80

Highlights of the Ecoline:

1. Folding behind the tractor with a transport width < 2.99 m
2. Optimal ground tracking through an integrated level adjustment system
3. Two Alrena precision macerators with rotating cutting system
4. Option for vertical lifting
5. Equipped as standard with a hydraulic valve to blow off the first liquid manure
6. Optional: 170-degree rotatable and fully automatic swivel tube
7. Possibility to spread slurry at different working widths in combination with the Alrena ASC section control system
8. Hose distance 25 cm, optionally 18.75 cm possible

Special requests and working widths available on request. Patented system.

Umbilical

More options

Umbilical frames

Bomech offers several trailing shoe systems designed for umbilical systems. With the new universal umbilical frames, you can easily switch your Bomech system from the tanker to the umbilical setup, ideal for flexible use throughout the year, even in wet conditions. The lightweight Bomech UP with swivel tube and quick-change system is ready for umbilical use in working widths from 6 to 10.5 metres with his own specially designed umbilical frame.

For larger operations, the Speedy, Farmer and Multi Profi series (12–24 m) can all be mounted on the standard universal umbilical frame. Two types of swivel tubes are available: the standard swivel tube with universal mechanical joints or the 170-degree rotatable swivel tube for maximum flexibility in the field.

All frames share the same concept: a low hose connection point close to the tractor ensures easy manoeuvring, minimal stress on hoses, and smooth turning on the headland, while an optional rotary joint (3", 4" or 5") prevents twisting and keeps the system running reliably during long working days.



Universal umbilical frame with 170 degree swivel joint



Universal umbilical frame with standard tow bar

One purpose

All Bomech solutions for umbilical systems share one goal: to extend the service life of every trailing shoe system. This allows slurry application to continue for longer periods, even under wet conditions.

Alrena rotary joint

The umbilical frames are equipped with an Alrena rotary joint. To ensure the long life of the rotary joint, both the housing and the inner bushing are hardened, including the BSP threads on the inner bushing. Unlike other rotary joints, this system contains a ball bearing instead of a plain bearing.

Scan the QR code to discover more — including a full product overview and a video of the machine in action.



Highlights of the umbilical options:

1. Several types of Bomech trailing shoe systems are suitable for umbilical systems
2. Removable universal umbilical frame for the UP, Speedy, Farmer and Multi Profi series
3. Possibility for a 170° rotatable swivel tube
4. Excellent ground contour following on all possible trailing shoe systems
5. Precise distribution with Alrena macerators on all possible trailing shoe systems
6. Several control options for umbilical use
7. Several section control options (mechanical, hydraulic or with the Alrena ASC-system) on all possible trailing shoe systems

Special requests and working widths available on request. Patented system.

Disc injector

The Bomech Disc Injector combines precise slurry placement with minimal soil disturbance. By injecting the slurry directly into the soil through rotating discs, nutrients are immediately available to the roots while surface losses and odour emissions are kept to a minimum. This method ensures maximum nutrient efficiency, even under challenging weather or crop conditions.

Thanks to its compact design and low weight, the Disc Injector is suitable for various soil types and can be easily mounted on any slurry tanker. Built for durability and accuracy, it represents the next level of precision application – built to outlast.



||| 6.4 | 7.2 M

The Bomech Disc Injector combines precision with simplicity. Its lightweight and solid construction keeps maintenance to a minimum, while ensuring reliable performance in all conditions.

Each pair of discs is individually suspended, allowing optimal contour adjustment and consistent working depth – even on uneven terrain. The Alrena precision macerator with 50 mm drain hoses ensures uniform distribution to every outlet, while specialized rubber nozzles place the slurry directly into the soil for targeted nutrient delivery and minimal leaf contamination.

Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets
6.4	2.80	1050	20	32
7.2	2.80	1150	20	36



Scan the QR code to discover more.



Control options

More details

Bomech offers a range of advanced control systems designed to match every operator’s needs. From simple hydraulic sequence control to fully automated electro-hydraulic systems, each solution ensures smooth operation and precise slurry application. Whether you prefer a basic setup or complete in-cab control, Bomech provides the flexibility to equip your machine exactly the way you want.

- 2DA**

The 2DA Bomech sequence control is a permanently installed sequence control on the trailing shoe system. There is no separate control panel from Bomech.

 - 1x DA for folding in and out, lifting and lowering incl. tanker gate valve (sequence control)
 - 1x DA for drive macerators 35L
 - 1x free return
- E-Control**

The Bomech E-Control is a permanently installed sequential control on the trailing shoe. There is no separate control panel from Bomech.

 - 1x DA for folding in and out, lifting and lowering, drive macerators incl. tanker gate valve (sequence control)
 - 1x free return
 - Tanker gate valve closes when the trailing shoe system is lifted

- 3DA**

As a standard, all Bomech trailing shoes are in 3x DA configuration, these functions must be integrated into the control of the tanker and/or tractor.

 - 1x DA for folding in and out
 - 1x DA for lifting and lowering
 - 1x DA for drive macerators 35L
 - 1x free return
- E-Control Plus**

The E-Control Plus is an addition to the E-Control. This function allows the trailing shoe to be lifted without closing the gate valve from the tanker. The E-Control Plus can be activated using a push button in the cab.

 - 1x DA for folding in and out, lifting and lowering, drive macerators incl. tanker gate valve (sequence control)
 - 1x free return

- I-Control**

The Bomech I-Control is an electro-hydraulic control with a separate control panel.

 - 1x SA with 1x free return or Load-Sensing
 - Automatic function with headland management
 - All functions also can be operated individually
 - Also possible to control extra functions (A1 to B2)
- ISOBUS Ready**

The Bomech ISOBUS Ready control can be connected with an existing ISOBUS system. Optionally, a touchscreen can be added.

 - 1x SA with 1x free return or Load-Sensing
 - Automatic function with headland management
 - All functions also can be operated individually

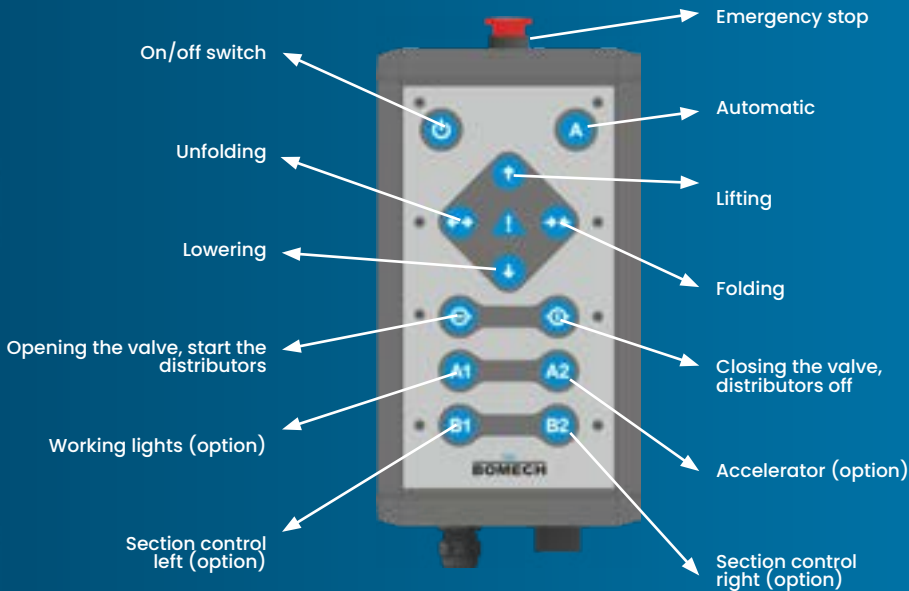
	UP	FLEX	SPEEDY	FARMER	MULTI PROFI	4XL	TRAC-PACK	EVOLUTION ECO	EVOLUTION PROFI	EVOLUTION VARIO	CSP	ECOLINE
2DA	✓								✓			
3DA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
E-Control		✓	✓	✓				✓				
E-Control Plus			✓	✓								
I-Control	✓	✓	✓	✓	✓							✓
ISOBUS Ready	✓		✓	✓	✓						✓	✓

	Oil	Electrical
2DA	2x DA + 1x free return	-
3DA	3x DA + 1x free return	12V of 24V – 20 Amp. power for the Farmer 18, Multi 4XL and Trac-Pack
E-Control	1x DA + 1x free return	12V – 15 Amp. power
E-Control Plus	1x DA + 1x free return	12V – 20 Amp. power
I-Control	1x SA + 1x free return or LS	12V – 20 Amp. power
ISOBUS Ready	1x SA + 1x free return or LS	12V – 20 Amp. power

ISOBUS Ready



I-Control



OptiFlow 18.75 cm

Optional for Speedy, Speedy One, Speedy Small Farmer and Multi Profi

Bomech offers the possibility to drive several available types of trailing shoe systems in the working widths 7.5 m, 9 m, 12 m, 15 m and 18 m with a reduced hose distance of 18.75 cm.

As standard, the outlets are mounted with a distance of 25 cm, but if an even more precise distribution with narrower strips is required, Bomech offers the optimal solution, while maintaining the high active ground pressure and ground clearance. Even on slopes, the transverse distribution remains optimal with this solution, because each hose has its own connection to the macerator.

Always a very high active ground pressure

The Bomech trailing shoe systems have a very high active ground pressure. The active ground pressure of the different Bomech models varies between 8 – 12 kg per trailing shoe. This ensures that the grass or crops are well opened for optimum slurry utilization and environmentally friendly fertilization. The slurry deposition remains perfect in contrast to other solutions in the market where the active pressure is reduced by half.



Highlights of the OptiFlow 18.75:

1. Fertilizing in high plant stocks remains possible due to the high ground clearance
2. The same active ground pressure as with a hose distance of 25 cm
3. Less chance of blockage due to slurry distribution through individual hoses instead of a solution with a split outlet
4. On slopes, the transverse distribution remains optimal with this solution, because each hose has its own connection to the macerator



Technical data

	Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets	No. of precision macerators
UP 6	6	2.55	575	25	24	1
UP 7.5	7,5	2.55	590	25	30	1
UP 9	9	2.55	800	25	36	1
UP 10.5	10,5	2.55	825	25	42	1
FLEX 7.5	7,5	2.55	775	25	30	1
FLEX 9	9	2.99	900	25	36	1
SPEEDY ONE 7.5	7,5	2.55	950	25/18.75	30/40	1
SPEEDY ONE 9	9	2.55	1060	25/18.75	36/48	1
SPEEDY ONE 10.5	10,5	2.55	1115	25	42	1
SPEEDY ONE 12	12	2.55	1165	25/18.75	48/64	1
SPEEDY SMALL 12	12	2.55	1325	25/18.75	48/64	2
SPEEDY SMALL 15	15	2.55	1425	25/18.75	60/80	2
SPEEDY 12	12	2.99	1325	25/18.75	48/64	2
SPEEDY 15	15	2.99	1425	25/18.75	60/80	2
FARMER 12	12	2.99	1450	25/18.75	48/64	2
FARMER 15	15	2.99	1625	25/18.75	60/80	2
FARMER GEN. II 18	18	2.99	2000	25/18.75	72/96	2
MULTI PROFI 12	12	2.99*	2125	25/18.75	48/64	2
MULTI PROFI 15	15	2.99*	2225	25/18.75	60/80	2
MULTI PROFI 18	18	2.99*	2525	25/18.75	72/96	2
MULTI PROFI 21/18	21/18	2.99*	2875	25	84	2
MULTI PROFI 21/15	21/15	2.99*	2950	25	84	2
MULTI PROFI 24/20	24/20	2.99*	3125	25	96	2
MULTI PROFI 24/18	24/18	2.99*	3200	25	96	2
MULTI 4XL 27	27	2.99	4450	25	108	4

	Working width (m)	Transport width (m)	Weight (kg)	Hose distance (cm)	No. of outlets	No. of precision macerators
MULTI 4XL 30	30	2.99	4600	25	120	4
TRAC-PACK 12	12	2.99	2650	25	28	2
TRAC-PACK 15	15	2.99	2750	25	60	2
TRAC-PACK 18	18	2.99	3300	25	72	2
TRAC-PACK 21	21	2.99	3750	25	84	4
TRAC-PACK 24	24	2.99	4000	25	96	4
EVOLUTION ECO 12	12	2.99	1500	25	48	2
EVOLUTION ECO 15	15	2.99	1900	25	60	2
EVOLUTION ECO 18	18	2.99	2200	25	72	2
EVOLUTION PROFI 21	21	2.99	2800	25	84	2
EVOLUTION PROFI 24	24	2.99	3200	25	96	2
EVOLUTION VARIO 36	36	2.99	7000	25	144	4
COMPACT SUPER PROFI 15	15	2.99	3400	18.75	80	4
COMPACT SUPER PROFI 18	18	2.99	3650	18.75	96	4
ECOLINE 12	12	2.99	2250	25/18.75	48/64	2
ECOLINE 15	15	2.99	2450	25/18.75	60/80	2

*For the Multi Profi self-propelled, the transport width is 3.29 M
Special requests and working widths available on request.

Technical data are not binding. Subject to change.

Alrena

Alrena is a specialist in slurry distribution technology, founded as a daughter company of Bomech. With its three core products: the Alrena precision macerator, the Alrena Section Control (ASC) System, and the Alrena rotary joints. Every Bomech machine is equipped with Alrena technology, ensuring optimal distribution performance in every condition.



Alrena precision macerator

The Alrena precision macerator is a cutting macerator with unique precision in slurry distribution.

The patented air flow system combined with the rotor and different possibilities of cutting plates ensures very precise slurry distribution for both large and small application quantities. The rotor and cutting plates are easy to convert into different configurations, allowing various application rates to be applied with the same machine. Furthermore, the Alrena macerator has an 5" inlet without constrictions which makes the distributor suitable for high capacity spreading. Due to the low hydraulic power requirement of only 35L/min and the compact design, the macerator can be easily built onto various agricultural machines.

When running dry, almost no temperature rise occurs within this specially developed macerator so wear occurs little or not at all.



Rotating cutting system



Exploded-view Alrena precision macerator

Types	Amount of outlets	Ø Outlets (mm)
SV24	24	40 & 50
SV30	30	40
V30	30	40 & 50
V36	36	40 & 50
V42	42	40
V48	48	40

Alrena ASC-system

The ASC-system of Alrena consists of hose valves that are 100% tight at an operating pressure of 4.5 bar and have no constrictions.

Slurry application requires increasingly precise distribution. With the new hose valves of the Alrena ASC-system, individual hose outlets or pre-programmed sections can be switched on or off. Due to a two-chamber system in the ASC-hose valve, slurry and air are always separated from each other, even if one of the diaphragms would be ruptured by sharp objects in the slurry. The ASC-hose valve is easy to mount (also easy to retrofit) and has a very short response time for closing and opening. The ASC-system can be built into already existing slurry distributors, brand-independent.

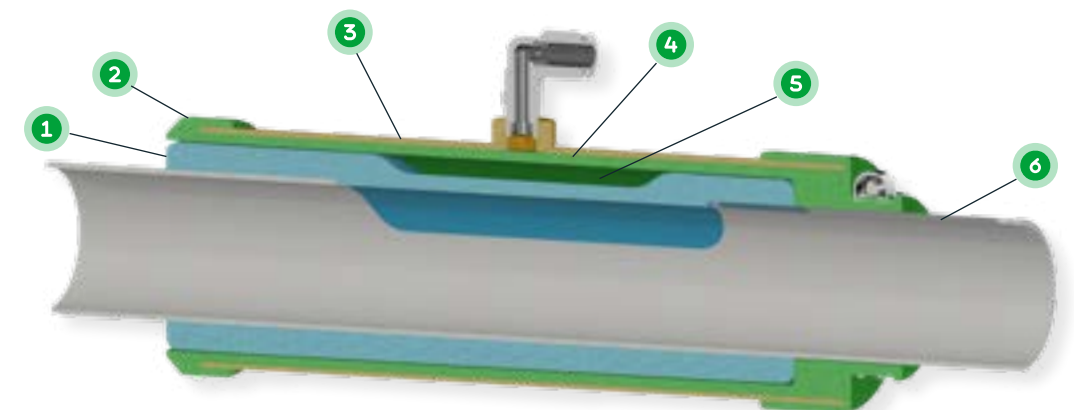


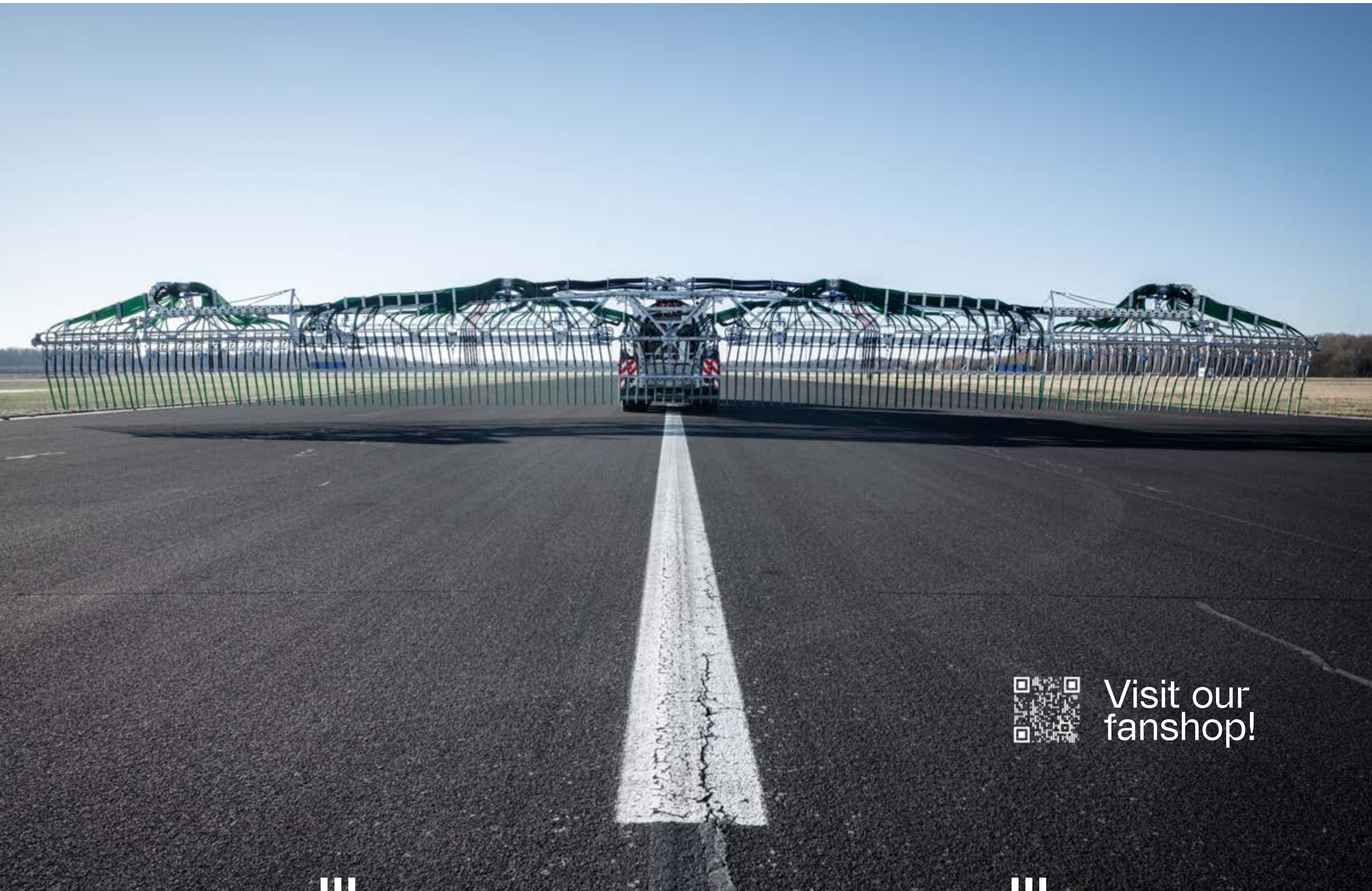
Inner pipe completely opened Ø 40mm

How does the ASC-hose valve work?

If the hose valve is open, its inside will look as shown above. When the ASC-system is activated, the hose valve will close as the air chamber (4) is filled with air. The outer jacket (2) will therefore be pushed against the inner jacket (1). Because the inner jacket (1) is a flexible membrane, it will form to the inner tube (6), closing it off. If the pressure drops, the inner jacket (1) and outer jacket (2) will return to their original position and the hose valve will be open again. The operating pressure is approx. 4.5 bar.

- 1 Inner jacket
- 2 Outer jacket
- 3 Steel casing
- 4 Air chamber
- 5 Gap
- 6 Inner pipe



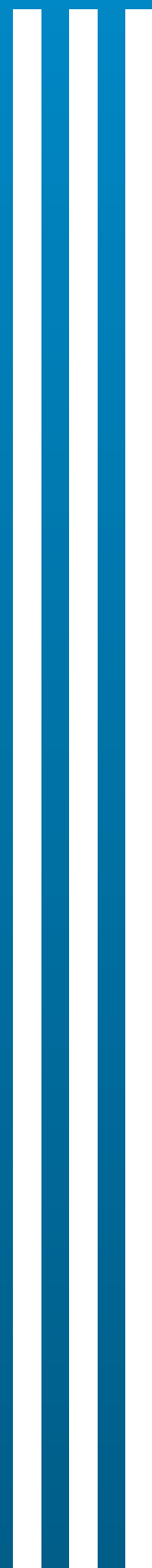


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