



BOMECH

Trailing Shoe Technology



PROVEN
30 YEARS
QUALITY



Pressure
8-12 KG



Optional
I-Control

Flex

Trailing Shoe

The Flex trailing shoe system is a compact and lightweight slurry spreader available in working widths of 6.2m to 8.8m. The system is easy to mount on any tank. The lightweight system makes it ideal for retrofitting tanks (see image).

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 stone / debris trap ensures precise distribution of the slurry.

The Bomech trailing shoe technology enables plants to absorb nutrients from slurry faster and reduces leaf contamination. This ensures better quality feed and boosts the feed intake of cattle. Once the slurry has been deposited, the plant growth returns to its original position, minimising evaporation.

Specially designed trailing shoe



Alrena precision macerator



Alrena precision macerator

The ALRENA precision macerator is a newly developed cutting and distributing system which distributes the slurry very precise. The macerator is equipped with a rotating cutting system. The design is very compact and because of the ALRENA-system the macerator has a very long lifespan.





Flex

Trailing Shoe



Features of the Flex

1. Lightweight
2. Automatic level adjustment on the middle frame for optimal contour adjustment
3. One Alrena precision macerator with stone / debris trap
4. The electro-hydraulic control block can be assembled in advance
5. Folds simply and compactly behind the vehicle
6. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
7. Easy installation for every tank
8. Can drive up to 20 km/h in working position

Headland



Compact transport position



	FL6.2
Working width (m)	6.2
Transport width (m)	2.55
Weight (kg)	640
Hose distance (cm)	22
No. of outlets	28

	FL7.5	FL8.8
Working width (m)	7.5	8.6
Transport width (m)	2.55	2.99
Weight (kg)	760	880
Hose distance (cm)	22	22
No. of outlets	34	40

*Also applicable to self-propelled systems.
Also applicable to umbilical systems.*

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



Pressure

8-12 KG



Optional
I-Control



Optional
E-Control

Speedy One

Trailing Shoe

The Speedy One trailing shoe is a new, very lightweight and affordable type of Bomech trailing shoe with one Arena precision macerator. The Speedy One is very compatible with tanks with a smaller diameter of max. 2m. This type of trailing shoe has a small transport width of 2.55m. The Speedy One is available in 7.5 / 9.0 / 10.5m working widths.

The Speedy One can be mounted simply and quickly on both new and used slurry tanks that are compatible with trailing shoe systems. As an option, Bomech developed the new E-Control system which requires only a double-acting valve on the tank or tractor. All functions, such as folding in and out, lifting and lowering, operation of the Arena precision macerator and the gate valve are automatically turned on in sequence with the E-Control.

As a standard, the arm extensions of the 9m and 10.5m are secured using a three dimensional impact protection system. One 5" connection supplies the Arena precision macerator with slurry for optimal lateral distribution across a working width of 7.5 / 9.0 / 10.5m.

Arena precision macerator



Pendlesystem



Pendlesystem (in red) and wing suspension

Every Speedy One has an integrated pendlesystem in the midframe. Because of this the distributor can adjust to any soil conditions. The distributor also has a new "wing suspension".

The static and dynamic forces on the frame and on the hydraulic cylinders are strongly reduced because of it.

With this technique, Bomech can offer the most lightweight trailing shoe.





Speedy One

Trailing Shoe



Features of the Speedy One

1. Transport width 2.55m
2. Total height 3.20m
3. Tank diameter max. 2.00m
4. Very lightweight
5. Automatic level adjustment on the middle frame for optimal contour adjustment
6. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
7. Transport security on the cylinders is integrated in the midframe
8. One Alrena precision macerator with stone / debris trap
9. Simple folding alongside the vehicle
10. Hoses are not bent during lifting or folding and are thus long-lasting
11. It is possible to assemble the electro-hydraulic control block of the I-Control in advance
12. New fully-automatic control system E-Control possible, only requires 1xDA
13. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
14. Can drive up to 20 km/h in working position
15. Easy installation for every tank

Headland



Compact transport position



	SPO7.5
Working width (m)	7.5
Transport width (m)	2.55
Weight (kg)	850
Hose distance (cm)	25
No. of outlets	30

	SPO9	SPO10.5
Working width (m)	9	10.5
Transport width (m)	2.55	2.55
Weight (kg)	900	975
Hose distance (cm)	25	25
No. of outlets	36	42

Patent pending.

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Pressure
8-12 KG



Optional
I-Control



Optional
E-Control

Speedy Small

Trailing Shoe

Transport width 2.55m

The Speedy Small trailing shoe is a very lightweight and affordable type of Bomech trailing shoe. This type only has a transport width of 2.55m and a total height of 3.2m. These features make the Speedy Small very compatible with tanks with a smaller diameter (max. 1.75m) and with smaller wheels.

The Speedy Small can be mounted simply and quickly on both new and used slurry tanks that are compatible with trailing shoe systems. As an option, Bomech developed the new E-Control system which requires only a double-acting valve on the tank or tractor. All functions, such as folding in and out, lifting and lowering, operation of the Alrena precision macerators and the gate valve are automatically turned on in sequence with the E-Control.

As a standard, the arm extensions of the 15m option are secured using a three dimensional impact protection system. Two 5" connections (or optionally one 6") supply both Alrena precision macerators with slurry for optimal lateral distribution across a working width of 12m or 15m.

Double pendlesystem (in red) and wing suspension

Every Speedy Small has an integrated pendlesystem in the midframe and in both arms. Because of this the distributor can adjust to any soil conditions. The distributor also has a new "wing suspension". The static and dynamic forces on the frame and on the hydraulic cylinders are strongly reduced because of it. This new technology allows Bomech to manufacture the lightest trailing shoe systems on the market, with a working width of 12m or 15m.

Alrena precision macerator



Double pendlesystem





Speedy Small

Trailing Shoe



Features of the Speedy Small

1. Transport width 2.55m
2. Total height ca. 3.20m
3. Tank diameter max. 1.75m
4. Very lightweight
5. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
6. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
7. Transport security on the cylinders is integrated in the midframe
8. The Speedy Small 15m is secured with a three-dimensional impact protection system
9. Two Alrena precision macerators with stone / debris traps
10. Simple folding alongside the vehicle
11. Hoses are not bent during lifting or folding and are thus long-lasting
12. Mechanical or hydraulic automatic section control is optional
13. It is possible to assemble the electro-hydraulic control block of the I-Control in advance
14. New fully-automatic control system E-Control possible, only requires 1xDA
15. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
16. Can drive up to 20 km/h in working position
17. Easy installation for every tank

Headland



Compact transport position (only 2.55m)



	SPS12	SPS15
Working width (m)	12	15
Transport width (m)	2.55	2.55
Weight (kg)	1175	1250
Hose distance (cm)	25	25
No. of outlets	48	60

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



Pressure
8-12 KG



Optional
I-Control



Optional
E-Control

Speedy Trailing Shoe

The Speedy trailing shoe system is a very lightweight and affordable series. This is the lightest series on the market. The Speedy is available with a working width of 12m or 15m. The 12m machine weighs just 1.175kg.

The Speedy trailing shoe can be mounted simply and quickly on both new and used slurry tanks that are compatible with trailing shoe systems. As an option, Bomech developed the new E-Control system which requires only a double-acting valve on the tank or tractor. All functions, such as folding in and out, lifting and lowering, operation of the Alrena precision macerators and the gate valve are automatically turned on in sequence with the E-Control.

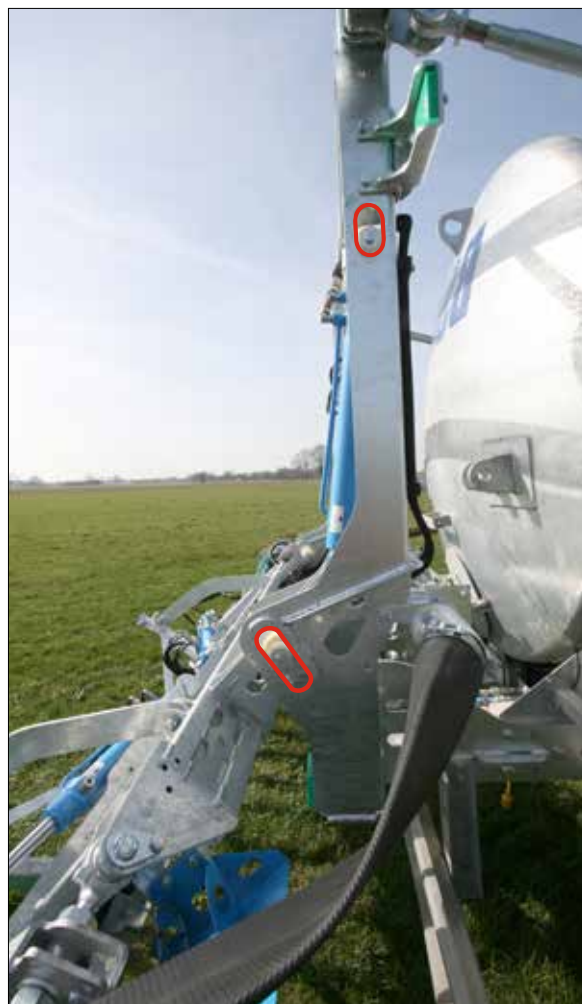
As a standard, the arm extensions of the 15m option are secured using a three dimensional impact protection system. Two 5" connections (or optionally one 6") supply both Alrena precision macerators with slurry for optimal lateral distribution across a working width of 12m or 15m.

Double pendlesystem (in red) and wing suspension

Every Speedy has an integrated pendlesystem in the midframe and in both arms. Because of this the distributor can adjust to any soil conditions. The distributor also has a new "wing suspension".

The static and dynamic forces on the frame and on the hydraulic cylinders are strongly reduced because of it. This new technology allows Bomech to manufacture the lightest trailing shoe systems on the market, with a working width of 12m or 15m.

Double pendlesystem





Speedy

Trailing Shoe



Features of the Speedy

1. Transport width 2.99m
2. Total height ca. 3.40m
3. Tank diameter max. 2.25m
4. Very lightweight
5. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
6. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
7. Transport security on the cylinders is integrated in the midframe
8. The Speedy 15m is secured with a three-dimensional impact protection system
9. Two Alrena precision macerators with stone / debris traps
10. Simple folding alongside the vehicle
11. Hoses are not bent during lifting or folding and are thus long-lasting
12. Mechanical or hydraulic automatic section control is optional
13. It is possible to assemble the electro-hydraulic control block of the I-Control in advance
14. New fully-automatic control system E-Control possible, only requires 1xDA
15. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
16. Can drive up to 20 km/h in working position
17. Easy installation for every tank

Headland



Compact transport position



	SP12	SP15
Working width (m)	12	15
Transport width (m)	2.99	2.99
Weight (kg)	1175	1250
Hose distance (cm)	25	25
No. of outlets	48	60

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



Pressure
8-12 KG



Optional
I-Control



Optional
E-Control

In transport position the springs are positioned to the inside

Farmer

Trailing Shoe

The Farmer trailing shoe system is a stable and low weight slurry spreader. The Farmer is available with a working width of 12m and 15m. The compact design and a centre of gravity located close to the slurry tank means that the Farmer is well suited for retrofitting. The Farmer can be mounted directly onto the slurry tank, or onto any 3-1/4-point linkage. Flexibility guarantees simple installation of the Farmer series.

Two Alrena precision macerators with rotating cutting knives and stone / debris traps ensure precise distribution of the slurry. Hoses are not bent during lifting or folding, and all cylinders have end cushioning. Both features guarantee maximum performance and durability.

Alrena precision macerator

The ALRENA precision macerator is a newly developed cutting and distributing system which distributes the slurry very precise. The macerator is equipped with a rotating cutting system. The design is very compact and because of the ALRENA-system the macerator has a very long lifespan.



Double pendlesystem (in red)

The combination of the integrated double pending system and the individually sprung trailing shoes will ensure an optimal adaptation to all soil conditions. The integrated double pendlesystem is situated on the top and bottom of the midframe, to be recognized by the slots or oval holes in the frame. In working position the Farmer has the possibility to move in these slots or oval holes so optimal adaptation on all soil conditions is guaranteed.



Farmer

Trailing Shoe



Features of the Farmer

1. Transport width 2.99m
2. Total height ca. 3.40m
3. Tank diameter max. 2.25m
4. Very lightweight
5. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
6. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
7. The Farmer 15m is secured with an impact protection system
8. Two Alrena precision macerators with stone / debris traps
9. Simple folding alongside the vehicle
10. Hoses are not bent during lifting or folding and are thus long-lasting
11. Mechanical or hydraulic automatic section control is optional
12. It is possible to assemble the electro-hydraulic control block of the I-Control in advance
13. New fully-automatic control system E-Control possible, only requires 1xDA
14. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
15. Prepared for 3-/4-point linkage, category 2 or 3
16. Can drive up to 20 km/h in working position
17. Easy installation for every tank

Headland



Compact transport position



	FR12	FR15
Working width (m)	12	15
Transport width (m)	2.99	2.99
Weight (kg)	1500	1600
Hose distance (cm)	25	25
No. of outlets	48	60

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Pressure

8-12 KG



Optional
I-Control

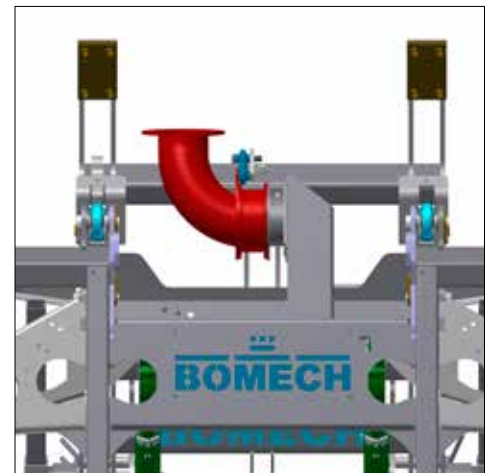
Massive rotary joint

Multi Trailing Shoe

The Multi trailing shoe system is a solid and professional slurry spreader. Available in working widths of 12m, 15m and 18m. It comes with many optional features: a swing system with hydraulic suspension, 1.5m hydraulic arm extensions on each side and automatic section control. In its standard model, the system is prepared for 3-/4-/5-point linkage, category 2 or 3.

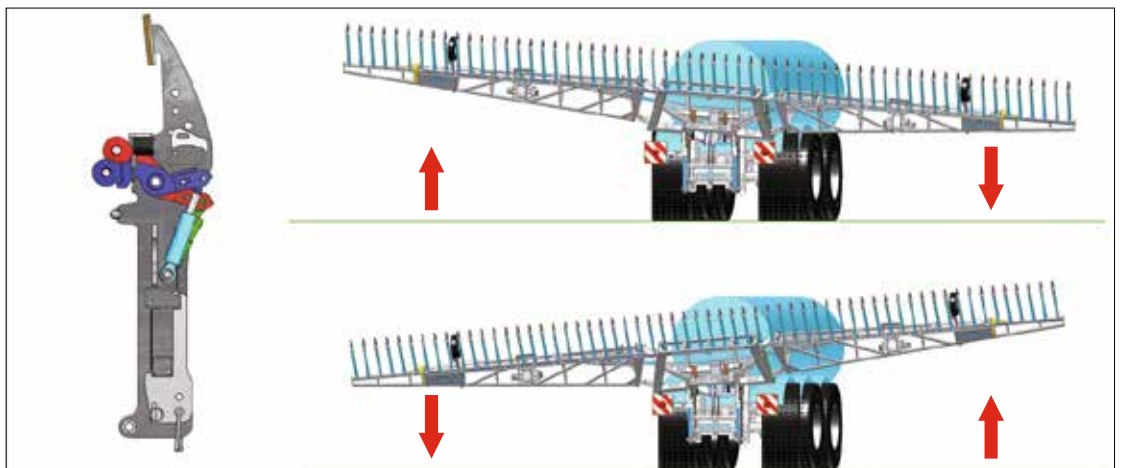
Massive rotary joint (in red)

The massive rotary joint is specially positioned to guarantee optimal placement of the tank's feed hose to prevent kinks forming (see image).



Hydraulic suspension system

The top feature of this series is its hydraulic suspension system. This allows the trailing shoe system to swing independently of both tank movements and contour adjustment using four hydraulic suspension points on the middle frame. This system works automatically and ensures optimal contour adjustment.





Multi

Trailing Shoe



Features of the Multi

1. Solid and professional manufacture
2. Lightweight
3. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
4. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
5. Two Alrena precision macerators with stone / debris traps
6. Different automatic section control options (mechanic or hydraulic) are available
7. It is possible to assemble the electro-hydraulic control block of the I-Control in advance
8. Simple folding alongside the vehicle
9. Hoses are not bent during lifting or folding and are thus long-lasting
10. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
11. Prepared for 3-/4-/5-point linkage, category 2 or 3
12. Easy installation for every tank

Headland



Compact transport position



	M12	M15
Working width (m)	12	15
Transport width (m)	2.99	2.99
Weight (kg)	1750	1850
Hose distance (cm)	25	25
No. of outlets	48	60
	M18	
Working width (m)	18	
Transport width (m)	2.99	
Weight (kg)	2050	
Hose distance (cm)	25	
No. of outlets	72	

*Also applicable to self-propelled systems.
Custom made specifications and working widths
on demand.*

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obligation whatsoever and are subject to alternations at any
time without prior notice.*



Pressure
8-12 KG

Multi Profi

Trailing Shoe

The Multi Profi trailing shoe system is a sophisticated and durable slurry spreader available with a working width of 21/18m or 24/20m. A 6" connection supplies two Arena precision macerators for precise slurry distribution over the entire working width. The systems connection to the tank is fitted with an acid-resistant rotary joint to prevent the feed hose (which is positioned between the tank and the spreader) from moving.

Optional 3m hydraulic folding arm extension

The Multi Profi has an optional 3m long hydraulic folding arm extension on each side (see image). The folding arm option not only reduces the transport length, but also the working width if necessary (from 21m to 15m or from 24m to 18m).



3m hydraulic folding arm extension

Standard model with wing suspension system (see image on the right page)

The 'wing suspension 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 Multi Profi machines.

Optional: Multi HC | Heavy Construction version

When circumstances demand more possibilities, more strength and more capacity, Bomech offers the best solution. The Multi HC version. With this new option the trailing shoe has an increased stability of the machine due to a stronger and more stable middle frame and it can handle a flow capacity of up to 12,000 litres per minute. The Multi, Multi Profi and Multi Self-Propelled series from Bomech can be produced in this new version immediately.

HC version: Heavy Construction





Multi Profi

Trailing Shoe



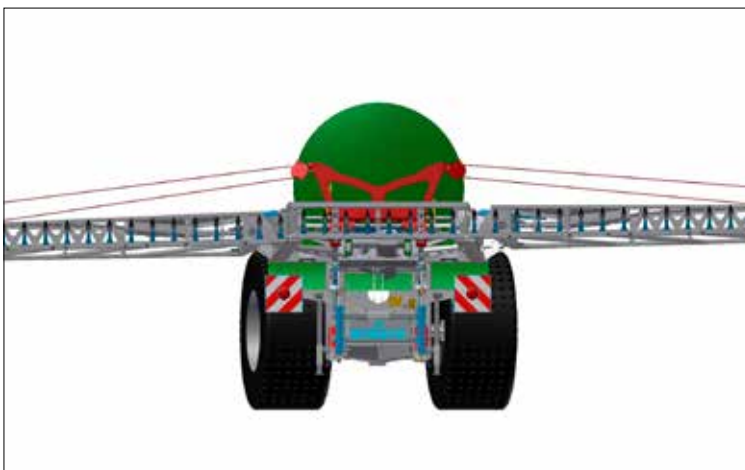
Features of the Multi Profi

1. Solid and professional manufacture
2. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
3. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
4. Two Alrena precision macerators with stone / debris traps
5. Different automatic section control options (mechanic or hydraulic) are available
6. It is possible to assemble the electro-hydraulic control block of the I-control in advance
7. Simple folding alongside the vehicle
8. Hoses are not bent during lifting or folding and are thus long-lasting
9. Prepared for 3-/4-/5-point linkage, category 2 or 3
10. Can drive up to 20 km/h in working position
11. Massive slurry rotary joint
12. Hydraulic folding arm extension, up to 3m on each side. This reduces the working and transport width
13. As a standard, the spreader is equipped with a hydraulic suspension system

Headland



Wing suspension



	MP21/18	MP21/15
Working width (m)	21/18	21/15
Transport width (m)	2.99	2.99
Weight (kg)	2950	3000
Hose distance (cm)	25	25
No. of outlets	84	84

	MP24/20	MP24/18
Working width (m)	24/20	24/18
Transport width (m)	2.99	2.99
Weight (kg)	3200	3250
Hose distance (cm)	25	25
No. of outlets	96	96

Custom made specifications and working widths on demand.

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



Pressure

8-12 KG

Multi 4XL

Trailing Shoe

The Multi 4XL trailing shoe system is a sophisticated and durable slurry spreader available with a working width of 27m or 30m. This distributor with a very high capacity is manufactured in a way the biggest pumps available will not be limited by the capacity of the distributor. Two 6" connections with rotary joints or one 8" connection with a rotary joint supplies four Arena 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.

Optional 3m hydraulic folding arm extension

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



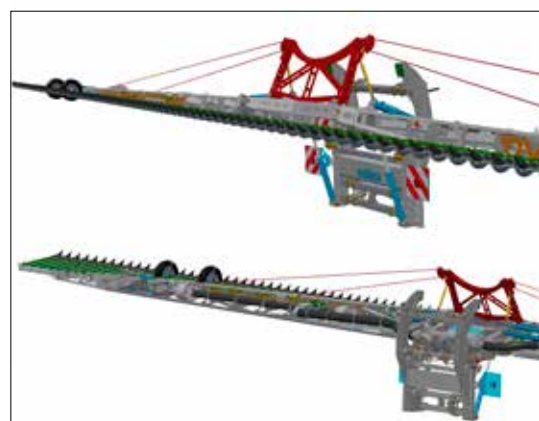
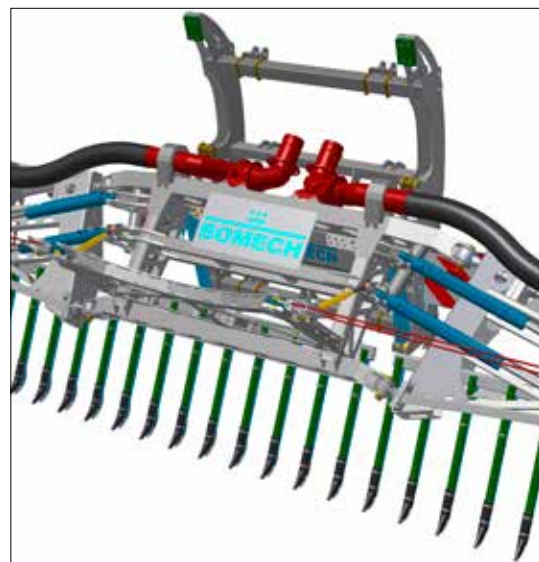
Equipped with four
Arena precision macerators



Standard model with wing suspension system

The 'wing suspension 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 Multi 4XL machines.

Middle frame Multi 4XL





Multi 4XL

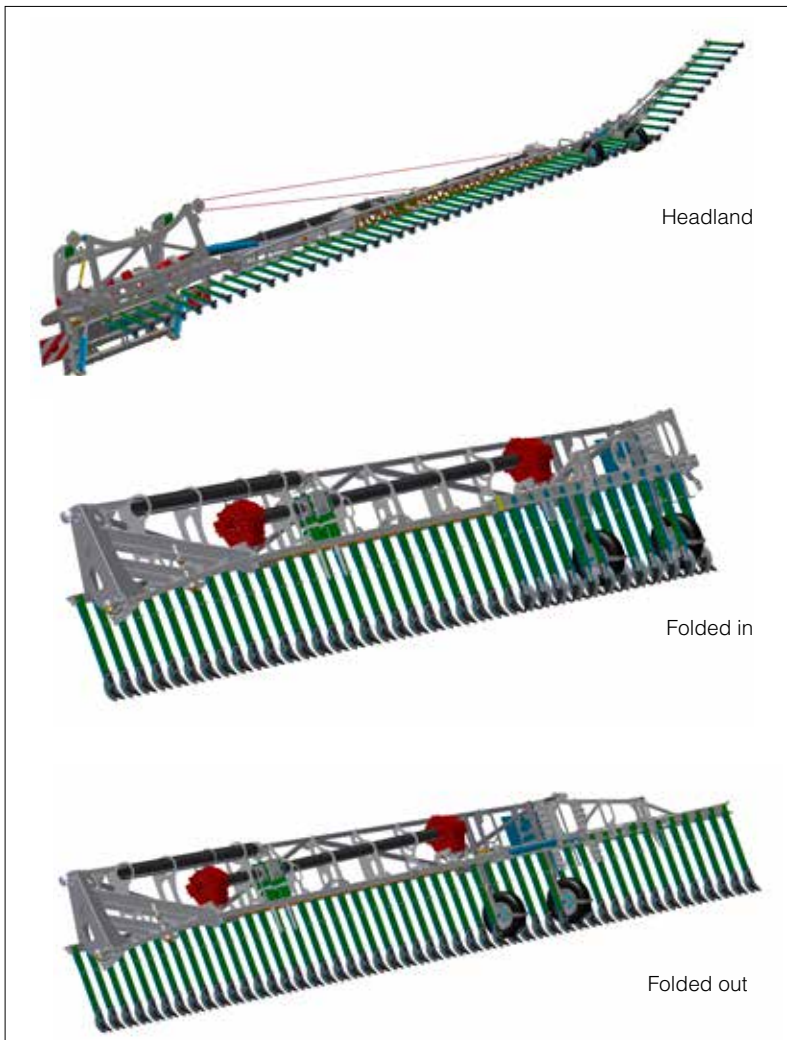
Trailing Shoe



Features of the Multi 4XL

1. Solid and professional manufacture
2. Four Alrena precision macerators with stone / debris traps
3. Output capacity > 12 cbm per minute
4. Relatively high speed in working position possible
5. Pressure of trailing shoe > 10kg
6. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
7. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
8. Two 6" connections with rotary joints or one 8" connection with one rotary joint
9. Hydraulic folding arm extension, up to 3m on each side. This reduces the working and transport width
10. Simple folding alongside the vehicle
11. Hoses are not bent during lifting or folding and are thus long-lasting
12. Different automatic section control options (mechanic, hydraulic or air pressured) are available
13. As a standard, the spreader is equipped with a hydraulic suspension system
14. Impact protection on both sides of 1.5m
15. Prepared for 5-/6-point linkage, category 3 or 4

3m folding arm extension



	MXL27	MXL30
Working width (m)	27	30
Transport width (m)	2.99	2.99
Weight (kg)	3950	4100
Hose distance (cm)	25	25
No. of outlets	108	120

Patent pending.

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Pressure

8-12 KG

Self-propelled Trailing Shoe

Bomech has three different trailing shoe systems that are compatible with the self-propelled slurry machine: Self-propelled Flex, Multi and Multi Profi.

Self-propelled Flex

The self-propelled Flex trailing shoe system is a compact and lightweight slurry spreader, available for self-propelled machines in a working width of 8.8m. The system can be mounted easily and universally on any self-propelled machine. You can find more information of the self-propelled Flex on the Flex page.

Self-propelled Multi

The Multi trailing shoe system is a solid and professional slurry spreader. It is available in widths of 12m, 15m and 18m and it comes with many optional features, e.g. a hydraulic suspension system and automatic section control. The self-propelled Multi also is available in the **HC Heavy Construction version**. You can find more information of the Multi self-propelled on the Multi page.

Self-propelled Multi Profi

The Multi-Profi trailing shoe system is a sophisticated and durable slurry spreader. The Multi-Profi is available for self-propelled machines in the working widths of 21m and 24m and has an optional hydraulic folding arm extension of 3m on each side. This reduces not just the transport length, but also the working width from 21m to 15m or from 24m to 18m. In addition, the system comes standard with 'wing suspension'. The self-propelled Multi Profi also is available in the **HC Heavy Construction version**. You can find more information of the Multi Profi self-propelled on the Multi Profi page.

HC version: Heavy Construction



Multi 15m in the grass





Self-propelled Trailing Shoe



Features of the Self-propelled trailing shoe

1. Automatic level adjustment on the middle frame and on both side arms (starting at 12m working width) for optimal contour adjustment
2. Suitable for large and small output amounts
3. Hydraulic suspension system starting at 12m working width
4. One or two (starting at 12m working width) Alrena precision macerator(s) with stone / debris trap(s)
5. All cylinders have end cushioning for maximum performance, starting at 12m working width
6. Various automatic section control options are available (mechanic, hydraulic or air pressured) starting at 12m working width
7. Easily folds behind or alongside the vehicle
8. Hoses are not bent during lifting or folding, and are thus long-lasting
9. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
10. Prepared for 3-/4-/5-point linkage, category 3 or 4
11. Easy installation for every tank
12. Can drive up to 20 km/h in working position

Multi Profi 21/15m in the field



Multi 15m in corn



	FS7.5	FS8.8
Working width (m)	7.5	8.6
Transport width (m)	2.55	2.99
Weight (kg)	860	980
Hose distance (cm)	22	22
No. of outlets	34	40

	MS15	MS18
Working width (m)	15	18
Transport width (m)	3.29	3.29
Weight (kg)	2200	2400
Hose distance (cm)	25	25
No. of outlets	60	72

	MS21/15	MS24/18
Working width (m)	21/15	24/18
Transport width (m)	3.29	3.29
Weight (kg)	3000	3200
Hose distance (cm)	25	25
No. of outlets	84	96

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



Pressure

8-12 KG

Alrena precision macerator



Trac-Pack 18m behind self-propelled vehicle



Trac-Pack

Trailing shoe for self-propelled systems

The Bomech Trac-Pack trailing shoe is a compact and stable slurry spreader, specially developed for self-propelled vehicles. It is available in working widths 12, 15, 18 and 21m and has a transport width of only 2.99m. Thanks to its compact design and a centre of gravity close to the transportation vehicle, the Trac-Pack trailing shoe can be retrofitted to almost any vehicle.

The Bomech Trac-Pack trailing shoe distributor completely folds behind the self-propelled vehicle. All cylinders of this fourfold folding are equipped with an end cushioning. In transport position all springs are positioned in such a way that the streets and agricultural roads should not be soiled with slurry.

Alrena precision macerator

The ALRENA precision macerator is a newly developed cutting and distributing system which distributes the slurry very precise. The macerator is equipped with a rotating cutting system. The design is very compact and because of the ALRENA-system the macerator has a very long lifespan. The Alrena precision macerator is very well suited to handle the high capacities of the self-propelled systems. The Bomech Trac-Pack is equipped with two (12m / 15m / 18m) or four (18m / 21m) Alrena precision macerators.





Trac-Pack 21m on 15m



Trac-Pack 21m behind self-propelled vehicle



Trac-Pack

Trailing Shoe



Features of the Trac-Pack

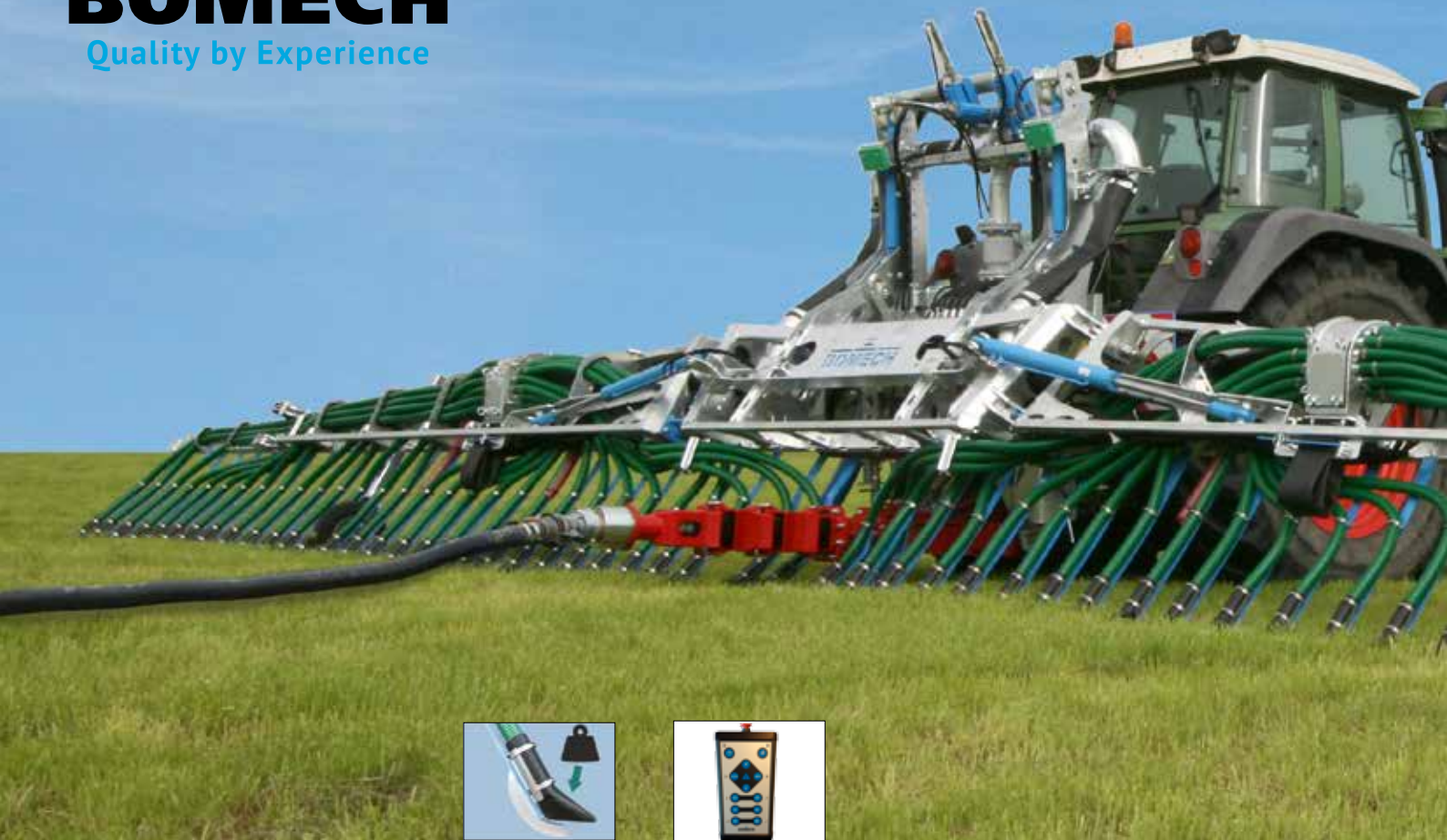
1. Transport width only 2.99m
2. Folds simply and compactly behind the self-propelled vehicle
3. Solid and professional manufacture
4. Automatic level adjustment on the middle frame and on both side arms for optimal contour adjustment
5. All cylinders have end cushioning for maximum performance
6. Suitable for large and small output amounts
7. Two or four Alrena precision macerators with stone / debris traps
8. Various automatic section control options are available (mechanic, hydraulic or air pressured)
9. Hoses are not bent during lifting or folding, and are thus long-lasting
10. Prepared for 3-/4-/5-point linkage, category 3 or 4
11. Easy installation on every self-propelled vehicle
12. Can drive up to 20 km/h in working position

	TP12	TP15
Working width (m)	12	15
Transport width (m)	2.99	2.99
Weight (kg)	1900	2250
Hose distance (cm)	25	25
No. of outlets	48	60

	TP18	TP21
Working width (m)	18	21
Transport width (m)	2.99	2.99
Weight (kg)	2650	3000
Hose distance (cm)	25	25
No. of outlets	72	84

Patent pending.

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Pressure
8-12 KG



Optional
I-Control

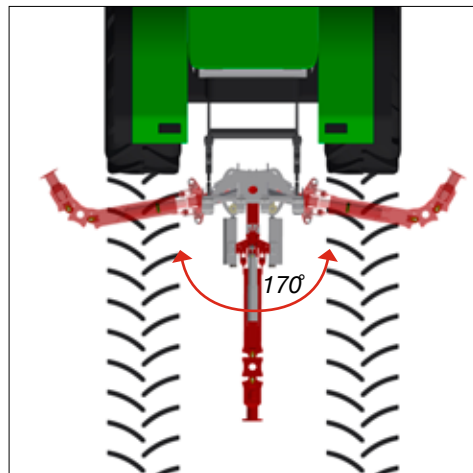
Umbilical Flex / Farmer Trailing Shoe

Bomech has two types of trailing shoes, which are applicable for umbilical systems. The Flex and Farmer trailing shoes are available from 7.5m to 15m working width. These systems are equipped with a special coupling frame, designed for use with either an umbilical or tanker mounted system. The point of pulling the feeding hose is located low on the coupling frame and close to the tractor, so that the vehicle remains manoeuvrable at all times. Furthermore, the point of pulling can rotate, making it easy to turn on the headland.

Alrena precision macerator

The ALRENA precision macerator is a newly developed cutting and distributing system which distributes the slurry very precise. The macerator is equipped with a rotating cutting system. The design is very compact and because of the ALRENA-system the macerator has a very long lifespan. The Alrena precision macerator is very well suited for a good lateral distribution of the slurry with umbilical systems.

Optional: extended coupling frame rotatable 170°



Umbilical coupling frame



Umbilical coupling frame

The traction point for the manure hose is attached deep at the coupling frame and close to the tractor, so that the vehicle stays stable and manoeuvrable in every situation. The forces that emerge by the pulling of the manure hose are forwarded independently from the slurry spreader through the coupling frame towards the vehicle





Umbilical Flex system



Compact transport position



Umbilical

Trailing Shoe



Features of the Umbilical trailing shoe

1. Lightweight for minimum ground pressure
2. Automatic level adjustment on the middle frame and on both side arms
3. All hydraulic cylinders have end cushioning for maximum performance and gentle folding
4. One or two Alrena precision macerator(s) with stone / debris trap
5. Removable coupling frame, enabling the whole system to be mounted on a slurry tanker
6. The point of pulling the feeding hose does not affect the trailing shoe system
7. Mechanical or hydraulic automatic section control is optional
8. Hoses will not kink during folding and are thus long-lasting
9. The trailing shoes can be raised, preventing soiling of headlands, streets and agricultural roads
10. Prepared for 3-/4-point linkage, category 2 or 3

	VF7.5	VF8.8
Working width (m)	7.5	8.6
Transport width (m)	2.55	2.99
Weight (kg)	970	1030
Hose distance (cm)	22	22
No. of outlets	34	40
	VFR12	VFR15
Working width (m)	12	15
Transport width (m)	2.99	2.99
Weight (kg)	1750	1850
Hose distance (cm)	25	25
No. of outlets	48	60

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



Disc Injector

Disc Injector

The Bomech Disc Injector is a compact slurry distributing system and is available in working widths of 6.4m and 7.2m. The disc injector is easy to mount on any tank with a linkage.

This technology allows the plants faster access to nutrients. Furthermore, by reducing leaf contamination it also improves the quality of the basic feed and positively affects the cattle's feed intake. Once output is complete, the parted plants move back together so odours will be minimized.



Features of the Disc Injector

1. Lightweight
2. Simple and solid construction, minimum maintenance required
3. Optimal contour adjustment using individually suspended disc pairs
4. One Alrena precision macerator
5. Targeted slurry application using specialized rubber nozzles
6. Track tracing possible even with very tight radius
7. Very precise distribution using an Alrena precision macerator with 50mm drain hoses
8. The automatic Drop Stop system prevents soiling of headlands, streets and agricultural roads
9. Fully sealed storage of discs means minimum maintenance is required

	S6.4	S7.2
Working width (m)	6.4	7.2
Transport width (m)	2.8	2.8
Weight (kg)	1050	1150
Hose distance (cm)	20	20
No. of outlets	32	36

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Umbilical

Alpin dribble bar system

The Bomech Alpin trailing shoe is a compact and lightweight distributor. The Alpin trailing shoe is available in working width of 9m. Due to very few wearing parts, the Alpin trailing shoe has a very low maintenance. The low weight of the distributor makes the Alpin also very suitable for extreme slopes. The trailing shoe can be mounted with many and various options.

Alpin 9m in the grass



3-point linkage

Hydraulic control



Features of the Alpin

1. Very lightweight
2. Hydraulic three point slope compensation on the middle frame for optimal height adjustment
3. Perfect distribution, even on extreme slopes
4. One Alrena precision macerator with stone / debris trap
5. Collision safety device is standard to the series
6. Prepared for 3-point linkage, category 2 or 3
7. Folds simply and compact behind the vehicle
8. Hoses will not kink during folding and are thus long lasting

	A9
Working width (m)	9
Transport width (m)	2.99
Weight (kg)	570
Hose distance (cm)	30
No. of outlets	30

Dimensions and designs mentioned are entirely without any obligation whatsoever and are subject to alternations at any time without prior notice.



ALRENA

Precision macerator

The Alrena precision macerator is a newly developed cutting and distributing system which distributes the slurry very precise. The design is very compact and the conversion to bigger or smaller amounts of output is very easy and takes little time. The Alrena precision macerator allows a 40% higher air passage in comparison to conventional distributors and it has a large 5" connection without taper for the slurry to come in. In case of dry running the temperature of the newly developed precision macerator stays low so there will be no or little wear.

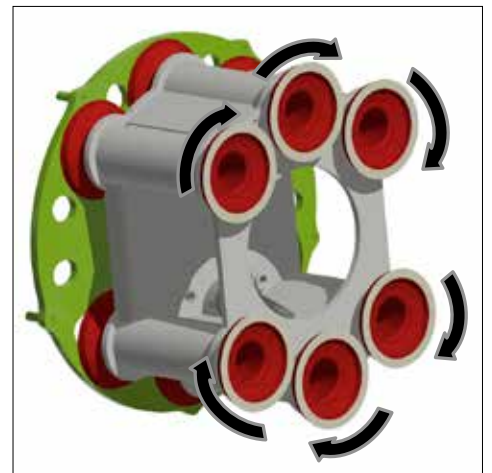
Rotating cutting system

The pivot point of the rotating cutting discs is off-centre to the holes of the perforated plate. Due to the different pivot points and the resistance of the solids to be cut in the slurry, the knives rotate constantly. Thanks to this forced rotation, each cut is carried out with a new piece of knife. The rotation also provides the advantage that the knives work self-sharpening and no wear grooves are generated. Spiral springs between the left and right knives will tension both knives equally.

Also available in a horizontal version

The Alrena precision macerator is also available in a horizontal version. The construction is the same as the "standard" vertical precision macerator. Bomech uses these horizontal precision macerators as a standard in the Bomech disc injectors. The Alrena horizontal precision macerator can also be used e.g. in slurry cultivators, disc harrows and Strip-Till systems.

Rotating cutting system



Profile Alrena precision macerator





ALRENA

Features of the ALRENA precision macerator

1. A very precise distribution
2. Very fast conversion to bigger or smaller amounts of output
3. 40% higher air passage because of hollow shaft
4. Dry running possible, temperature of precision macerator will stay low
5. No or little wear because of newly developed cutting system with rotating knives
6. The knives are self-sharpening
7. More cutting movements per revolution of the rotor
8. 5" slurry connection without taper
9. The spiral springs are tensioned automatically
10. The rotors are perfectly balanced due to the use of several spiral springs
11. The maintenance effort is reduced by the ALRENA system
12. Significant less power consumption in comparison to other similar products



Vertical version SV24



Vertical version V30



Vertical version

Model	Nr. of outlets	Ø outlets (mm)
SV24	24	40
V30	30	40
V36	36	40
V42	42	40
V48	48	40

Horizontal version

Model	Nr. of outlets	Ø outlets (mm)
H20	20	50
H24	24	50
H36	36	50
H52	52	50

Patent pending.

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Dealer: