

# ALIMAMIX EVOLUTION

TMR Feed Mixers with one, two  
and three vertical augers



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made in POLAND



# ALIMAMIX EVOLUTION

## TMR Feed Mixers with one, two and three vertical augers

**30**  
years of  
experience  
lat doświadczenia

### OVER 30 YEARS OF EXPERIENCE

ALIMA BIS has been operating on the Polish market for over 30 years. We have been selling successfully on foreign markets for many years. We are present in

**41 countries  
on 5 continents.**

This is our experience and a reason to be proud.

The EVOLUTION feed wagons manufactured by our company are the result of many years of experience. The needs of Farmers, have resulted in the creation of a series of high-performance machines. More to say: mixers have a very low demand for power and low fuel consumption. This is a great importance and value for farms where these machines are used at least once a day, 365 days a year.

The construction of the feed wagons is based on a well-thought-out design and feedbacks from our customers. The ratio of planetary gears, specially profiled augers ensure optimal mixing time and high TMR quality. The result is a large saving of energy. An important factor of own TMR Feed mixer is also increased milk production by cows.

### PRODUCT FROM POLAND

ALIMA BIS is a Polish family medium size company owned, financed and run by Polish people since beginning [1989]. Our main plant, where we produce agricultural machinery, is located in Środa Wielkopolska – west part of Poland near Poznań.

We also cooperate with many domestic and foreign companies and suppliers.





## TMR mixers for smaller herds

# ALIMAMIX EVOLUTION SIMPLE LINE



	EVO 4 SL	EVO 5 SL	EVO 6 SL	EVO 7 SL
capacity (m <sup>3</sup> )	4	5	6	7
number of augers	1	1	1	1
total height (m)	2,06	2,24	2,41	2,59
total width (m)	1,82	1,82	2,22	2,22
total length (m)	3,37	3,53	3,45	3,50
number of knives on the auger	5	5	5	5
power demand (HP)	40	40	45	45
wheels	10/75-15,3	10/75-15,3	10/75-15,3	10/75-15,3

Dimensions for the vehicle as standard equipment. The height may change depending on the choose suspension, axles and tyres. The side door increases the width of the machine by 20 cm.

The parameters contained in the folder are approximate and are informative. The manufacturer reserves the right to change the specification, type and dimensions without notification.

The Simple Line series of feed mixers is intended for farms with a smaller herd (up to 40 animals), or those where the construction of the barn does not allow the use of larger size of machine. Optimum size and equipment in standard includes hydraulic control via hoses, 1 pcs of side (right / left) or rear unloading door, planetary gear, single axle, PTO shaft, inspection ladder, counter-knife and mechanically adjustable support foot (mechanical jack). Additionally, the machine can be equipped with: front cross conveyor, a Digistar weighing system with a display on the feed mixer (also optional remote links via Bluetooth), a cross conveyor at the back of the wagon, an additional discharge door, the straw ring which helps prevent the straw falling over, an additional sweep arm for the auger and an additional QUICKCUT system of small cutting knives.



## a series of compact single-auger feed mixers



# ALIMAMIX EVOLUTION LITE

ALIMAMIX EVOLUTION LITE is a series of feed mixers, designed for small and medium-sized livestock farms. The strong construction of the machine with small dimensions makes it an excellent budgetary proposition.

It becomes possible in the EVOLUTION Lite mixers - easier maneuverability - thanks to the compact design and the use of a special frame construction.

It significantly increases the possibility of turning and operation of the machine. The ability of change the position of the drawbar allows it to be mounted both in the upper and lower hitch. LITE mixer can be used in narrow passageways.



Dimensions for the vehicle as standard equipment. The height may change depending on the choose suspension, axles and tyres. The side door increases the width of the machine by 20 cm.

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	EVO 8V LITE	EVO 8M LITE	EVO 10 LITE	EVO 12 LITE	EVO 14 LITE
capacity (m <sup>3</sup> )	8	8	10	12	14
number of axles	1	1	1	1	1
total height (m)	2,39	2,40	2,63	2,96	3,07
total width (m)	2,25	2,45	2,47	2,46	2,58
total length (m)	4,71	4,70	4,78	4,87	5,04
number of knives on the auger	7	7	8	10	12
power demand (HP)	48	48	54	65	70
wheel	10/75-15,3	10/75-15,3	10/75-15,3	10/75-15,3	400/60-15,5

Evolution Lite is equipped with one planetary gear. Ratio of planetary gearbox was designed for optimal speed of auger. Because of this owner will get reductions in cost no need of 2 speed gearbox. The auger operation system and its rotation have been adjusted for cut the straw optimally and mix and efficiently unload prepared TMR. Thanks to this, the need to build in a two-speed gearbox was eliminated, and this significantly influenced the simplicity of the machine structure and increased its price attractiveness. Evolution Lite has a weighing system, thanks to which the dosing of nutrients and the execution of a full-fledged TMR becomes more precise.

One of the options available in the machine is elevator to the discharge door. The EVOLUTION Lite mixers are available in 8m<sup>3</sup>, 10m<sup>3</sup>, 12m<sup>3</sup> and 14 m<sup>3</sup>.



## TMR Feed Mixers with one auger

# ALIMAMIX EVOLUTION



	EVO 8V	EVO 10	EVO 10V	EVO 10M	EVO 12	EVO 12V	EVO 12M	EVO 14	EVO 14V	EVO 14M	EVO 16
capacity (m <sup>3</sup> )	8	10	10	10	12	12	12	14	14	14	16
number of axles	1	1	1	1	1	1	1	1	1	1	1
total height (m)	2,37	2,47	2,72	2,62	2,70	3,02	2,95	3,01	3,36	3,22	3,27
total width (m)	2,25	2,50	2,26	2,45	2,60	2,26	2,45	2,60	2,26	2,50	2,60
total length (m)	5,22	5,35	5,32	5,28	5,41	5,41	5,38	5,50	5,49	5,46	5,57
number of knives on the auger	7	8	10	10	10	12	12	12	14	14	14
power demand (HP)	30	30	30	30	35	35	35	40	40	40	50
wheel	10/75-15,3	10/75-15,3	10/75-15,3	10/75-15,3	10/75-15,3	10/75-15,3	10/75-15,3	215/75-17,5	215/75-17,5	215/75-17,5	215/75-17,5



Dimensions for the vehicle as standard equipment. The height may change depending on the choose suspension, axles and tyres. The side door increases the width of the machine by 20 cm.

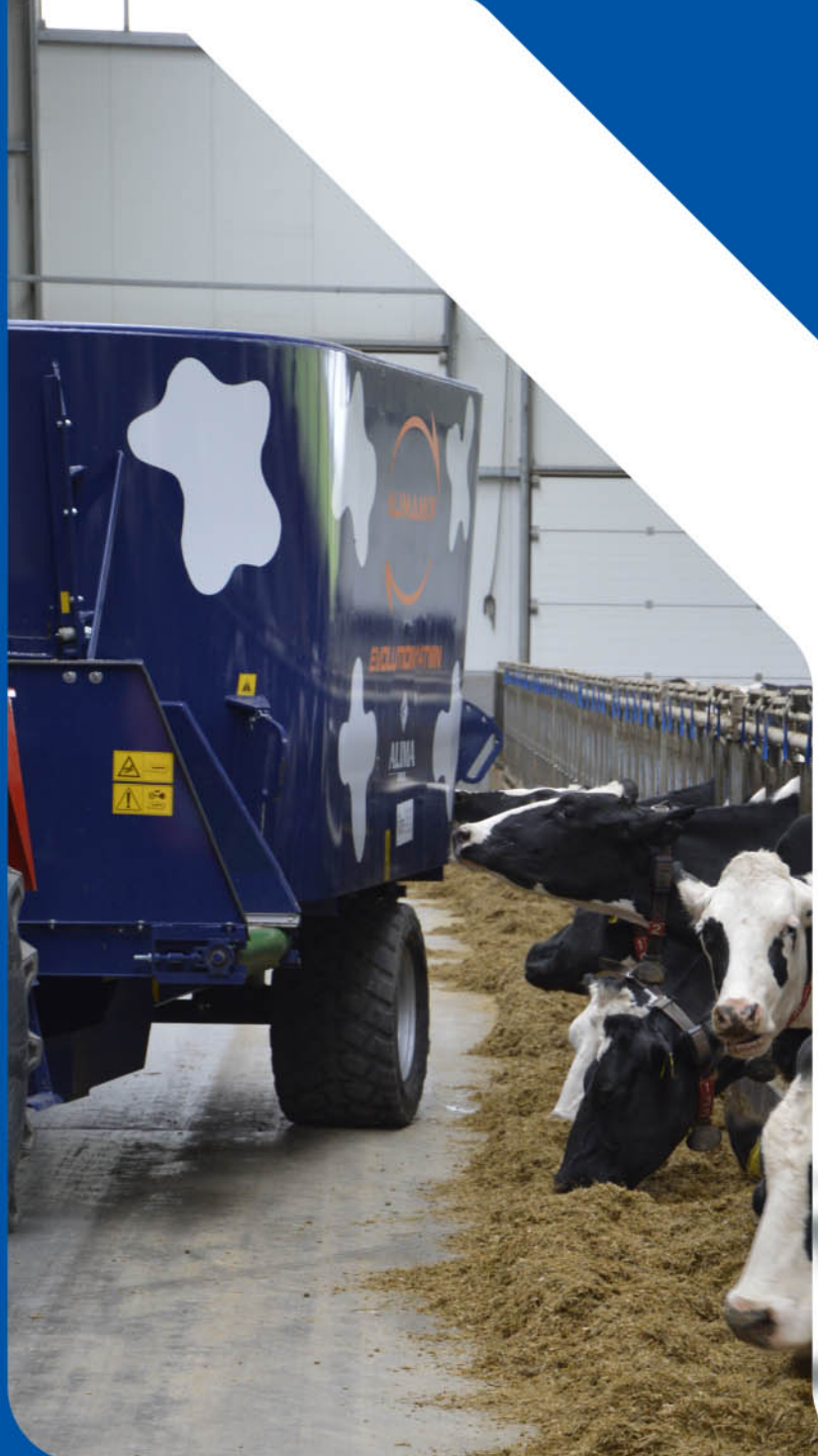
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a series of lower-height twin-auger TMR feed mixers



# ALIMAMIX EVOLUTION TWIN



A series of ALIMAMIX EVOLUTION TWIN feed mixers is dedicated for medium-sized farms. EVOLUTION TWIN ALIMAMIXers are machines equipped with two mixing augers and a single axle.



	EVO 12 TWIN	EVO 14 TWIN	EVO 16 TWIN
capacity (m <sup>3</sup> )	12	14	16
number of axles	1	1	1
total height (m)	2,38	2,53	2,83
total width (m)	2,25	2,25	2,25
total length (m)	6,85	6,88	6,87
number of knives on the auger	2 x 6	2 x 7	2 x 8
power demand (HP)	70	80	80
wheel	400/60-15,5	400/60-15,5	435/50-19,5

Dimensions for the vehicle as standard equipment. The height may change depending on the choose suspension, axles and tyres. The side door increases the width of the machine by 20 cm.

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Thanks to two augers, we obtain a lower height machine than in standard single-auger mixers. EVOLUTION TWIN is a response to the needs of customers who have old-type livestock buildings, and the size of the herd is so large that single-auger machines are not able to meet the needs. The EVOLUTION TWIN series covers capacities from 12 m<sup>3</sup> to 16 m<sup>3</sup>.



# TMR Feed Mixers with two and three vertical augers



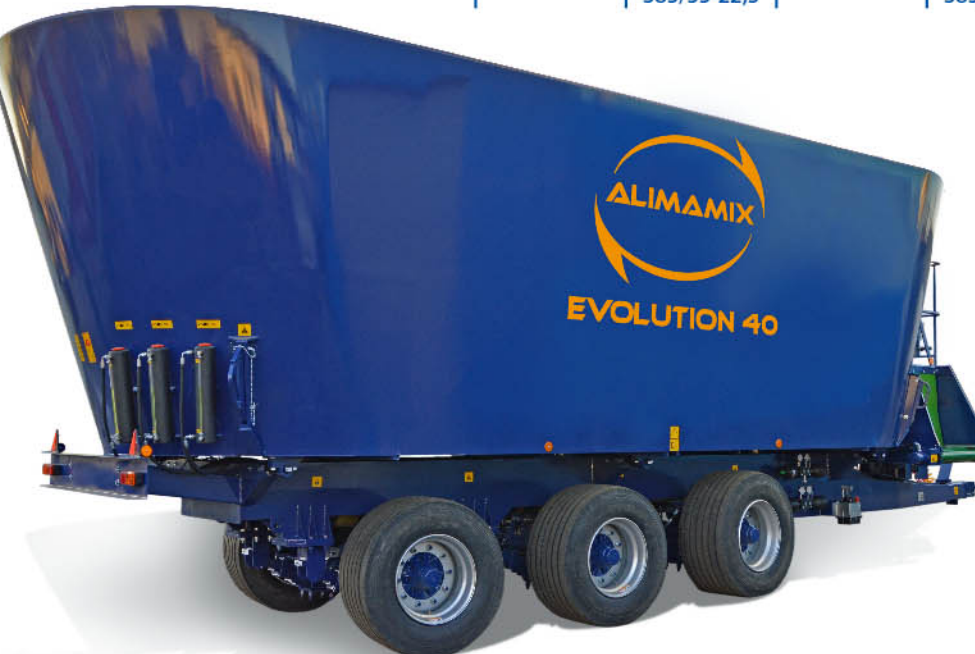
## ALIMAMIX EVOLUTION



### TMR FEED MIXERS WITH 3 AUGERS

Three-auger feed mixers due to their dimensions, high loads and special equipment requirements, are individually designed by our constructors. We produce the largest feed wagons in Europe, including a

**50 m<sup>3</sup>**  
machine.



	EVO 18	EVO 18	EVO 21	EVO 21	EVO 24	EVO 24	EVO 27	EVO 30
capacity (m <sup>3</sup> )	18	18	21	21	24	24	27	30
number of axles	fixed axle	bogie/ /tandem	fixed axle	bogie/ /tandem	fixed axle	bogie/ /tandem	bogie/ /tandem	bogie/ /tandem
total height (m)	2,60	2,48 - 2,62	2,86	2,73 - 2,88	3,13	3,06 - 3,15	3,34 - 3,40	3,35 - 3,41
total width (m)	2,48	2,48	2,52	2,52	2,55	2,55	2,62	2,90
total length (m)	7,51	7,51	7,59	7,59	7,66	7,66	7,83	7,77
number of knives on the auger	2 x 8	2 x 8	2 x 10	2 x 10	2 x 12	2 x 12	2 x 14	2 x 14
power demand (HP)	55	55	70	70	75	75	80	85
wheel	435/50-19,5	30/11,5-14,5 385/55-22,5	435/50-19,5	30/11,5-14,5 385/55-22,5	435/50-19,5	425/40-B17 385/55-22,5	435/50-19,5 385/55-22,5	435/50-19,5 385/55-22,5

Dimensions for the vehicle as standard equipment. The height may change depending on the choose suspension, axles and tyres. The side door increases the width of the machine by 20 cm.

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# ALIMAMIX EVOLUTION

## equipment and features

### AUGERS

1

The auger in the ALIMAMIX wagons has a special structure, ensuring proper preparation of fodder and resistance to damage during operation. It has an optimal height in relation to the size of the mixing chamber floor, which allows for precisely mixing of the material throughout the whole mixing chamber. The upper and bottom auger flights have been strengthened, which protects the auger from damage when working with even the most compact bales. The design of the auger optimizes the process of grinding fodder (including bale), contributing to an increase in the efficiency of the mixing process, the movement of fodder and the optimal use of the capacity of the wagon.



### KNIVES

2

The number of knives mounted on the augers in our TMR feed wagons is selected, so that the forage is cut in an optimal way and time. The adjustable position of the knives allows you to better adapt the mixer to the needs of the prepared TMR. The knives are made of a special alloy that ensures their durability and sharpness.

### ELECTRONIC SCALE

3

It allows for precise weighing of mixture ingredients. The used, legible display allows you to read the value from a distance. Additional options allow you to connect to a personal computer and access TMRTracker. It is used for comprehensive management of the operation of the feed mixer, stocks and feeding doses. It allows you to save time and costs, while having a positive effect on the milk yield of the herd. It is also possible to use an additional wireless display.



### TIRES

In our feed wagons we install tires from a wide range, also with a low profile for low barns. We select tires individually for each machine, depending on the customer's requirements, working conditions, as well as restrictions resulting from the height of livestock buildings.

28/12,5-15



400/60-15,5



10/75-15.3



425/40-B17



4

405/60-15.5



30/11,5-15



215/75-17,5



385/55-22,5



445/45-19,5



435/50-19,5



### STRAW RING

5

A specially shaped anti-dumping pipe allows for free mixing of even the largest ingredients of the feed, keeping everything in the basket and preventing the material from falling out of the feed mixer.



### PLANETARY AND TWO-SPEED GEARBOXES

6

The gears installed in ALIMAMIXers are characterized by high efficiency, which results in a low power requirement for the PTO. An additional advantage is the two-speed gearbox that allows for precise cleaning of the auger and mixing chamber.





## a series of premium feed mixers



# ALIMAMIX EVOLUTION PRO

ALIMAMIX EVOLUTION PRO machines are a series designed for those, who expect the highest quality of workmanship, and a wide range of additional equipment in TMR feed mixer. On the stage of designing, we used our many years of experience and innovative solutions. The series includes single-auger machines from 8 to 16 m<sup>3</sup>, twin-auger machines from 12 to 30 m<sup>3</sup>, and three-auger machines up to 50 m<sup>3</sup>.

What distinguishes the PRO series is a new mixing tub profile that allows for even more efficient mixing of feed, an efficient unloading conveyor with a width of 0.9 m. an Intuitive EVOPAD control panel and an enlarged discharge window to a width of 1.1 m. New design solutions that were used, significantly reduced the mixing cycle time by 10% and discharging the feed by 25%, which translates into measurable savings in fuel consumption. They reach 8% for the entire process (for the 14 m<sup>3</sup> test machine, the result was 0.5 l of fuel per one feed preparation cycle, which means savings of more than 180 l per year) and this while maintaining the current tractor power demand. The machine has a compact design, with numerous amenities for users, such as an adjustable, reversible drawbar, a comfortable tread [ladder], a weight display that can be set to be visible from anywhere, the new EVO PAD remote control. All this makes working with the EVOLUTION PRO mixers comfortable, efficient and safe.

	EVO 8 PRO	EVO 10 PRO	EVO 12 PRO	EVO 14 PRO	EVO 16 PRO	EVO 12 PRO TWIN	EVO 14 PRO TWIN	EVO 16 PRO TWIN	EVO 18 PRO	EVO 21 PRO	EVO 24 PRO	EVO 27 PRO	EVO 30 PRO
capacity (m <sup>3</sup> )	8	10	12	14	16	12	14	16	18	21	24	27	30
number of augers	1	1	1	1	1	2	2	2	2	2	2	2	2
number of axles	1	1	1	1	1	1	1	1	1/2	1/2	1/2	2	2
total height (m)	2,52	2,82 / 2,70*	3,19 / 2,97*	3,47 / 3,25*	3,52	2,38	2,53	2,82	2,50 - 2,66	2,78 - 2,94	3,14 - 3,25	3,39 - 3,45	3,43 - 3,49
total width (m)	2,45	2,45 / 2,50*	2,45 / 2,60*	2,45 / 2,60*	2,60	2,26	2,26	2,26	2,48	2,55	2,55	2,62	2,90
total length (m)	5,13	5,20 / 5,23*	5,29 / 5,29*	5,35 / 5,36*	5,41	6,96	6,99	6,98	7,50	7,56	7,63	7,67	7,68
number of knives on the auger	7	10	12	14	14	2 x 6	2 x 7	2 x 8	2 x 8	2 x 10	2 x 12	2 x 14	2 x 14
power demand (HP)	30	30	35	40	45	45	50	55	55	70	75	80	85
wheel	400/60-15,5	400/60-15,5	400/60-15,5	400/60-15,5	400/60-15,5	425/40-B17	425/40-B17	435/50-19,5	435/50-19,5	435/50-19,5	435/50-19,5	435/50-19,5	435/50-19,5

Dimensions for the vehicle with standard equipment. The height may change depending on the axles and tyres used and additional equipment. The given total length of the machines includes cross conveyor. When only the discharge door is used, the machine length is reduced by 35 cm. The use of a discharge door on one side of the machine increases the overall width by 20 cm.

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\* depending on the diameter of the tub bottom used - 2.20 m / 2.40 m





## stationary feed mixers



# ALIMAMIX EVOLUTION ST



	EVO 8 ST	EVO 10 ST	EVO 12 ST	EVO 14 ST	EVO 16 ST	EVO 18 ST	EVO 21 ST	EVO 24 ST	EVO 27 ST	EVO 30 ST	EVO 36 ST	EVO 40 ST	EVO 46 ST	EVO 50 ST
capacity (m <sup>3</sup> )	8	10	12	14	16	18	21	24	27	30	36	40	46	50
number of augers	1	1	1	1	1	2	2	2	2	2	3	3	3	3
total height (m)	2,08	2,37	2,62	2,87	3,13	2,22	2,47	2,74	3,24	3,27	3,03	3,20	3,39	3,56
total width (m)	2,50	2,50	2,58	2,58	2,60	2,50	2,53	2,56	3,85	4,0	3,80	3,95	4,0	4,10
total length (m)	4,55	4,66	4,74	4,81	4,88	6,56	6,60	6,75	6,0	6,10	8,06	8,30	8,30	8,70
number of knives on the auger	6	8	10	12	14	8	10	12	14	14	12	14	14	12
power of electric motors (kW)	22 / 30	30	30	30 / 37	30 / 37	37	45	45	2 x 45	2 x 45	3 x 45	3 x 45	3 x 45	3 x 55

Dimensions and engine power for machines may change, depending on the purpose of the machine and the type of mixed material. The manufacturer reserves the right to change specifications, type and dimensions without prior notice.



ALIMA BIS has been recognized for years manufacturer of feed mixers. A natural development of this range of machines are stationary mixers, which were created on the basis of mobile, already proven designs. ALIMA can boast of many installations, both on Polish and foreign markets. Machines manufactured in Środa Wielkopolska can be equipped with one, two or three mixing augers. The capacity of the mixers ranges from 8 m<sup>3</sup> to 50 m<sup>3</sup>. In addition to the standard construction, i.e. a basket, augers with knives, counter-blades, straw ring which helps prevent the straw falling over the side, inspection platform, motors and

gears, mixers may have additional equipment, such as a cover, magnets or a conveyor. The use of stationary mixers is even wider than that of traditional trailed feeders. Stationary mixers are successfully used in livestock farms, barns, biogas plants, service companies, TMR suppliers and all kinds of loose product mixing applications, used in various industries. Stationary mixers may, similarly to the feed wagons, have baskets and augers made of stainless steel. Additionally, they are also available in the ATEX system, which further increases the possibilities of using these machines.



# ALIMAMIX EVOLUTION

## optional equipment

### ADDITIONAL SWEEP ARM ON THE MIXING AUGER



The additional unloading segment is especially useful for two discharges, improving the uniformity of feeding.

### ADDITIONAL CUTTING KNIVES (QUICK CUT SYSTEM)



It is possible to install a system of small Quick Cut knives for better and faster cutting of fibrous forage. This increase speed of mixing in 5-8%.

### MAGNET



The magnet catches metal elements that may appear in the feed prepared for animals. Thanks to the appropriately selected mounting height of the magnet, it has a very high working efficiency. Small size, but thanks to highest quality material used – the extremely powerful magnet for feed mixer.

### REAR VIEW CAMERA



A camera or a set of cameras is mounted at the rear of the machine, while a large and readable screen – in the tractor cabin. The system not only provides greater safety when reversing, but also control when unloading feed in the back.

### STRENGTHENING MIXING BASKET +SIZE



+ SIZE is an additional steel layer increasing the durability of the basket walls. It can be made of carbon steel or acid-resistant steel (stainless steel type 316 or 316L). It increases the thickness of the lower part of the basket wall to more than 1 cm. The standard height of the + SIZE layer is 1 m, but it can be adapted to the client's requirements.

### SHIFTING FROM THE TRACTOR CAB



As with most functions of the feed wagon, the speed of the auger can be controlled with the remote control without leaving the tractor. Shifting between the first and second gear, depending on the type of tractor, can be hydraulic or electric.

### EDGE OF THE MIXING AUGER OF STAINLESS STEEL



It is possible to equip the auger's edge with an acid-resistant steel rod or cover the entire auger with a layer of acid-resistant steel in order to significantly extend its life.

### WIRELESS CONTROL



Wireless control is a novelty in feed mixers. ALIMAMIXers EVOLUTION have this feature WORKING without problems. Now – even more comfortable operation of mixer – from a distance, without disturbing cables.

### THE INDEPENDENT HYDRAULIC DRIVE - "SELFER"



The independent hydraulic drive unit (called SELFER) in the feed mixer ensures using only clean feed mixer's oil to operate machine's hydraulic functions, and allows to extend the life of the ALIMAMIXer's components, using only oil in the closed system, preventing ALIMAMIXer's oil from being mixed with the tractor oil.



# ALIMAMIX EVOLUTION

## unloading options



front cross conveyor

1



rear longitudinal conveyor

8



5

rear side discharge doors



2

front corner discharge door



3

front side discharge doors



4

side discharge doors  
*(single-auger mixers)*



6

rear corner discharge



rear discharge

7



rear cross conveyor

9



### CROSS CONVEYORS AND ELEVATORS

We also offer a range of elevated and extended conveyor solutions to unload TMR at high feed tables or other obstacles. This option is designed individually for each order and adapted to the client's needs.





## mixers with reduced height



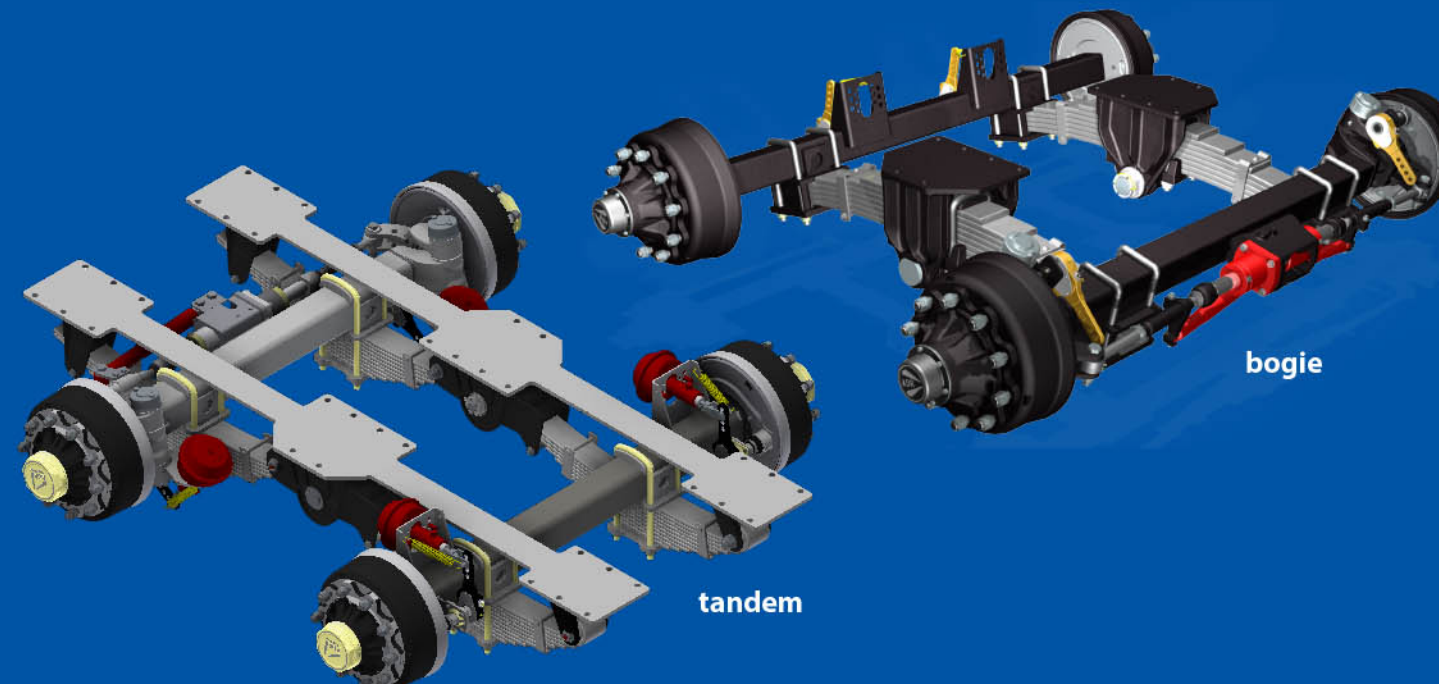
# ALIMAMIX EVOLUTION LOWTYPE



The series of single-auger EVOLUTION LOWTYPE wagons are machines prepared for farms where it is impossible to adapt the barn to standard height wagons. These machines also prove themselves when the low loading threshold of the machine is important, e.g. related to the limitations of the loader. The use of a lowered frame, shifting the axle to the rear and the use of low-profile wheels make it possible to achieve significantly lower machines, while maintaining the full functionality of the vehicles. This option is possible for mixers size – 8-12m<sup>3</sup>.

	EVO 8V LT	EVO 10 LT	EVO 12 LT
total height (m)	2,18	2,26	2,50
wheels	28/12,5x15	28/12,5x15	28/12,5x15

## types of suspensions



In our machines, we use branded ADR suspensions with a load capacity from 16 to 24 tons. The suspensions used in Alima are bogies, multi-leaf tandems, and tridems. The axles are placed at a suitable distance from the hitch so that the turning radius of the machine is suitable for size of the machine. Axles have a different cross-section and type of brakes, which are selected according to the wheel size and customer needs. The machine can be equipped with a steering axle with steering forced by the maneuver of the tractor or with steering axle forced by the steering cylinder (Power Steering). It is possible to choose the type of brakes for the suspensions - pneumatic or hydraulic. We use commercial axles with S-cam lever. It is also possible to use advanced brake force regulating systems - Wabco LSV control, the strength of which depends on the degree of loading of the machine.



# additional weighing system options

## TMR TRACKER



**NOVELTY!!!**

We also offer a solution that enables wireless connection between the scale (display) in the feed mixer and a mobile device. The Bluetooth system used for this purpose allows for the transmission of information up to 100 m. It enables: control of the feed loading process and machine operation.

### Operator control:

- strengthening the team by facilitating operation and increasing precision;
- facilitating changes by computer software, smartphones or tablets;
- easy management of changes to groups and feed ingredients.



TMR Tracker™ is a Windows-based software that provides farmers with solutions for managing feed ingredients, increasing production efficiency and economy.

Feed ingredients, doses, production groups and information from the feed wagon are entered from a computer. DataLink® (wireless) or a USB stick are used to transfer information to the display in the tractor cabin or on the feed mixer. It shows the ingredients to be loaded, their weight and the name of the food group. During feeding, the actual TMR weight is transferred or copied to the computer.

### Inventory and Ingredient Tracking:

- move away from time-consuming manual management;
- the ability to enter, edit and manage ingredients;
- increasing farm profits through balanced nutrition;
- sustainable inventory management by analyzing and controlling ingredients.

### Feed management:

- easy monitoring from start to finish of the feeding process;
- collection of nutritional data and analysis thereof in order to improve the doses;
- collecting information for daily management and planning;
- possibility to share data with nutritionists, advisers, etc. ingredient analysis and control.

### TMR Tracker software features

	LITE	PRO	PRO +
communication with EZ 3600V, 4600V, 3610, 4610, TST7600	+	+	+
input of ingredients with cost	+	+	+
input of recipes with cost	+	+	+
easy dry feed value adjustment	+	+	+
calculation of dry feed consumption	+	+	+
preparing recipes per animal or as a percentage	+	+	+
automated export of reports	+	+	+
ingredient consumption report	+	+	+
number of report types	10	15	25
monitoring the accuracy of operations	limited	+	+
number of rotations of the feed mixer and mixing time	-	+	+
monitoring of leftover food	-	+	+
the ability to edit and customize reports	+	-	+
graphical charts (for reports)	-	-	+
compatible with most herd management software	-	limited	+
warehouse module and forecasting	-	-	+
prediction of feed consumption dates	-	-	+
monitoring of milk production	-	-	+
income calculation in relation to the cost of nutrition	-	-	+
the option to create a premix	-	+	+
possibility of upgrading to a higher version	+	+	-

### TMR Tracker software features

	BASIC
entering (input data) of ingredients	+
entering (input data) of recipes	+
preparing recipes per animal or as a percentage	+
loading and unloading accuracy report	+

control from the tractor cabin

weighing display

touch screen display

mobile control

touch controller in the cabin



# ALIMAMIX EVOLUTION

service and maintenance of machines



Nowadays, when the optimization of costs and means of production plays a key role, more and more often, instead of buying a new one, farmers decide to repair the used machine. This service is also provided by Alima Bis, regenerating feed wagons not only of its own production, but also of other brands. Re-Lining mixer wagon walls of the mixing chamber or replacing the auger allows the machine to be used for the next years, and the cost of this compared to the purchase of a new feed mixer is incomparably lower.

## SERVICE AND SPARE PARTS

Alima Bis provides warranty and post-warranty service for its machines throughout the country and abroad.

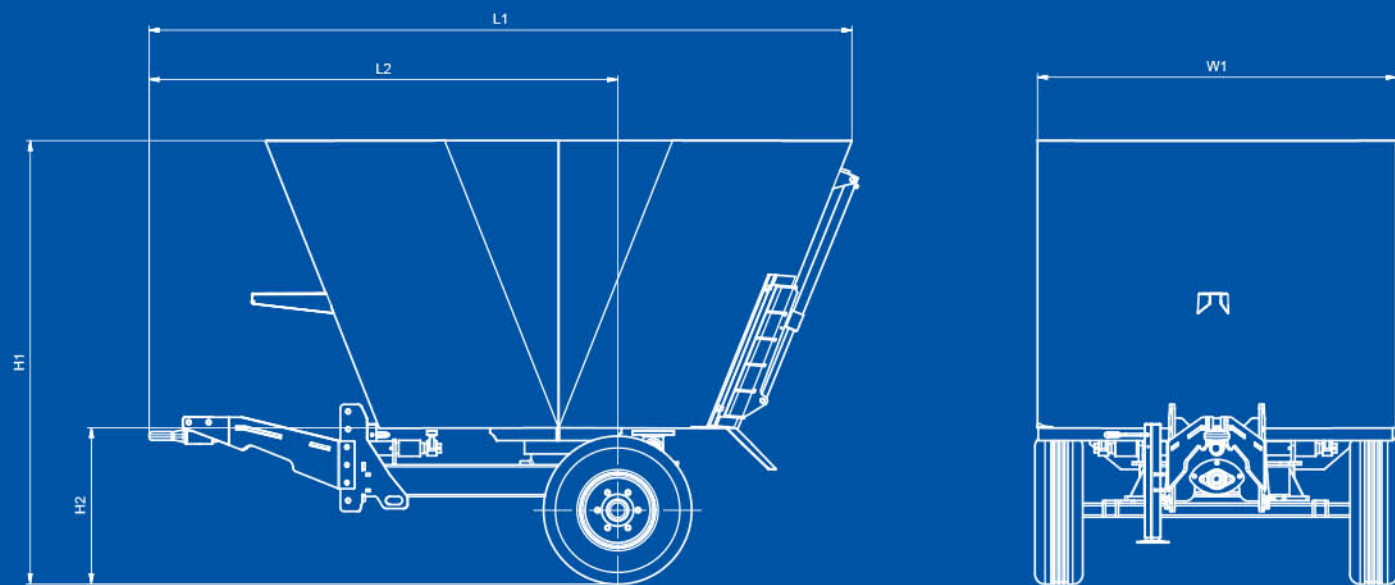
We also offer spare parts not only for our own machinery, but also for machines from other manufacturers.





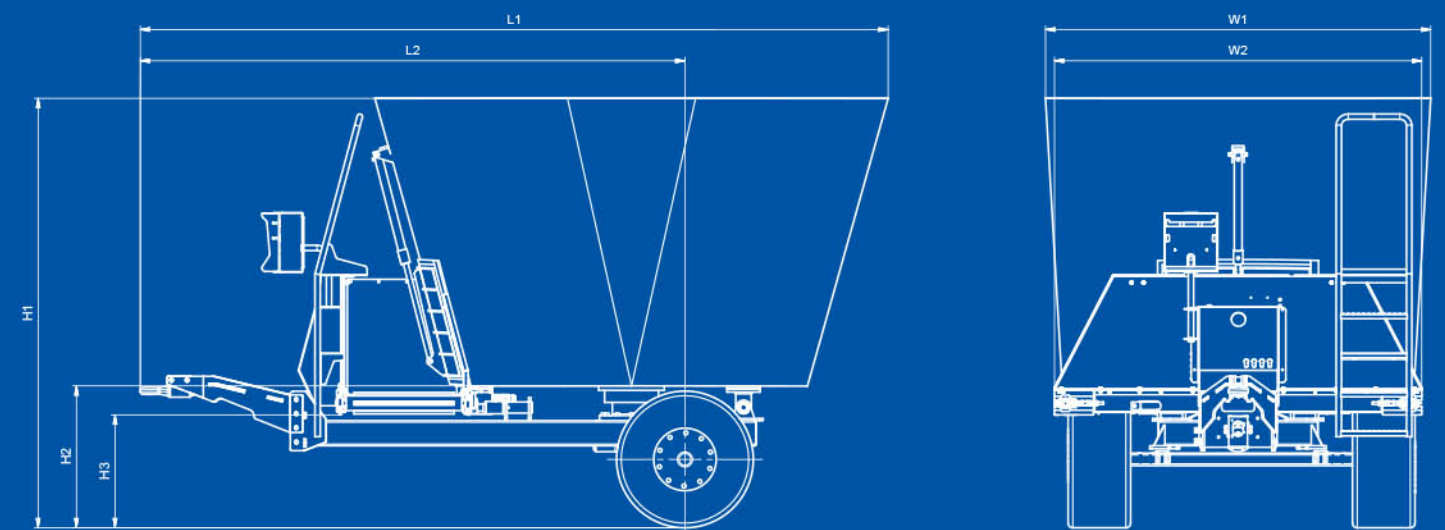
## TMR Feed Mixers with one auger ALIMAMIX EVOLUTION SIMPLE LINE

	EVO 4 SL	EVO 5 SL	EVO 6 SL	EVO 7 SL	
capacity (m <sup>3</sup> )	4	5	6	7	
number of axles	1	1	1	1	
total width W1 (m)	1,82	1,82	2,22	2,22	
total length L1 (m)	3,37	3,52	3,44	3,50	
length from the hitch to the axle L2 (m)	2,37				
total height of the machine H1 (m)	wheel 10/75-15.3	2,06	2,24	2,41	2,59
height to mixing basket bottom H2 (m)	wheel 10/75-15.3	0,77			
number of knives on the auger	5	5	5	5	
power demand (HP)	40	40	45	45	



## TMR Feed Mixers with one auger ALIMAMIX EVOLUTION LITE

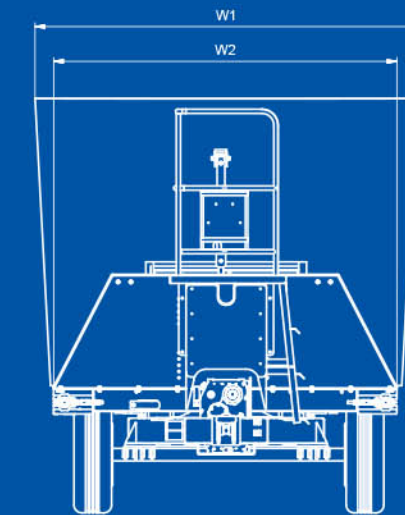
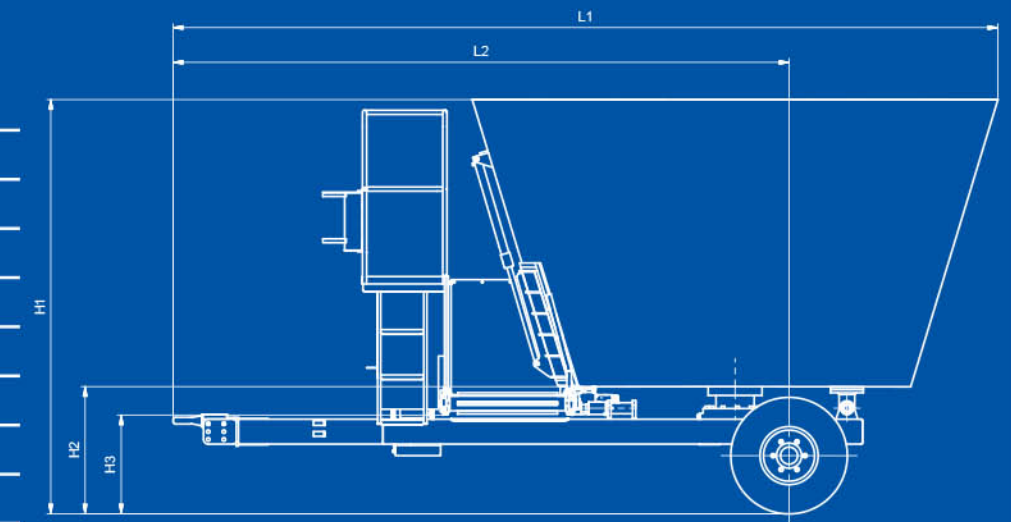
		EVO 8M LITE	EVO 8V LITE	EVO 10 LITE	EVO 12 LITE	EVO 14 LITE
capacity (m <sup>3</sup> )		8	8	10	12	14
number of axles		1	1	1	1	1
total width W1 (m)		2,45	2,25	2,47	2,46	2,58
total length L1 (m)		4,70	4,70	4,78	4,87	5,04
length from the hitch to the axle L2 (m)		3,49				
total height of the machine without the conveyor H1 (m)	wheel 10/75-15.3	2,40	2,40	2,63	2,96	2,98
	wheel 400/60-15,5	2,49	2,49	2,73	3,06	3,07
	wheel 28/12,5-15	2,38	2,38	2,62	2,95	2,97
total height of the machine with the conveyor H1 (m)	wheel 10/75-15.3	2,43	2,43	2,66	2,99	3,01
	wheel 400/60-15,5	2,49	2,49	2,73	3,06	3,07
	wheel 28/12,5-15	2,41	2,41	2,65	2,98	3,0
height to mixing basket bottom H2 (m)	wheel 10/75-15.3	0,81				
	wheel 400/60-15,5	0,87				
	wheel 28/12,5-15	0,79				
height to the conveyor H3 (m)	wheel 10/75-15.3	0,62				
	wheel 400/60-15,5	0,68				
	wheel 28/12,5-15	0,60				
number of knives on the auger		7	7	8	10	12
power demand (HP)		48	48	54	65	70





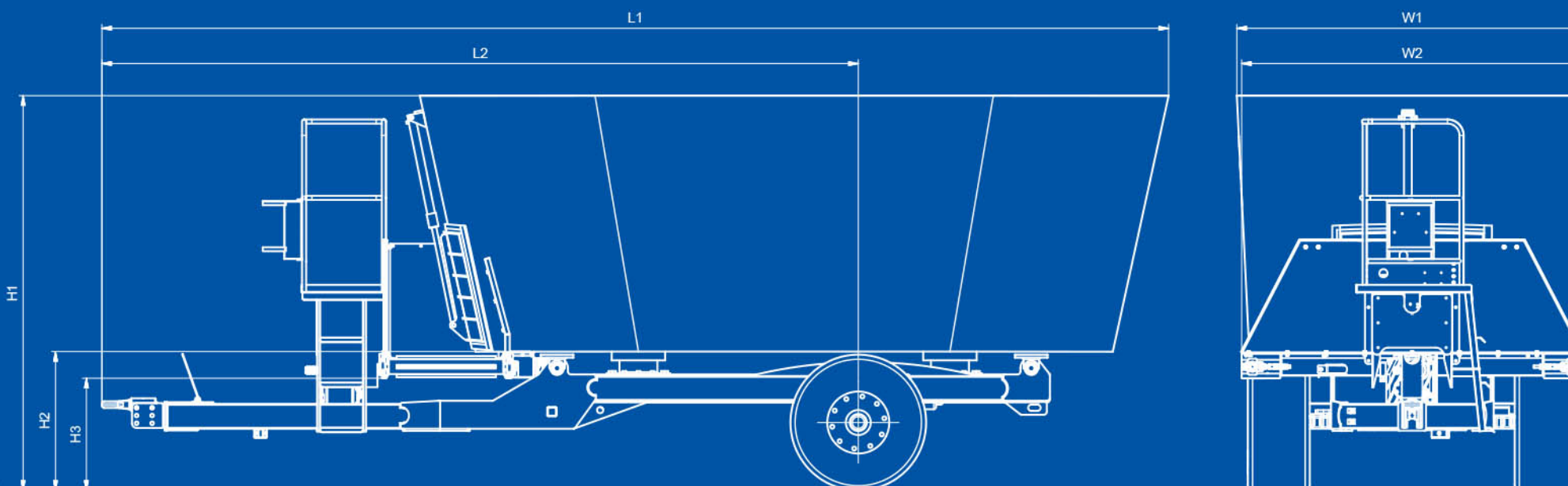
# TMR Feed Mixers with one auger ALIMAMIX EVOLUTION

		EVO 8V	EVO 10	EVO 10M	EVO 10V	EVO 12	EVO 12M	EVO 12V	EVO 14	EVO 14M	EVO 14V	EVO 16
capacity (m³)		8	10	10	10	12	12	12	14	14	14	16
number of axles		1	1	1	1	1	1	1	1	1	1	1
total width W1 (m)		2,25	2,50	2,45	2,26	2,60	2,45	2,26	2,60	2,50	2,26	2,60
total length L1 (m)		5,22	5,35	5,28	5,32	5,41	5,38	5,41	5,50	5,46	5,49	5,57
length from the hitch to the axle L2 (m)		3,95										
total height of the machine without the conveyor H1 (m)	wheel 10/75-15.3	2,37	2,47	2,62	2,72	2,70	2,95	3,02	x	x	x	x
	wheel 400/60-15,5	2,47	2,57	2,72	2,82	2,80	3,05	3,12	3,06	3,30	3,42	3,32
	wheel 28/12,5-15	2,35	2,45	2,60	2,70	2,68	2,93	3,0	2,93	3,17	3,29	3,20
	wheel 215/75-17,5	2,42	2,50	2,66	2,76	2,74	2,99	3,06	3,01	3,22	3,36	3,27
total height of the machine with the conveyor H1 (m)	wheel 10/75-15.3	2,40	2,50	2,65	2,75	2,73	2,98	3,05	x	x	x	x
	wheel 400/60-15,5	2,47	2,57	2,72	2,82	2,80	3,05	3,12	3,06	3,30	3,42	3,32
	wheel 28/12,5-15	2,38	2,48	2,63	2,73	2,71	2,96	3,03	2,96	3,20	3,32	3,23
	wheel 215/75-17,5	2,45	2,53	2,69	2,79	2,77	3,02	3,09	3,04	3,25	3,39	3,30
height to mixing basket bottom H2 (m)	wheel 10/75-15.3	0,79							x	x	x	x
	wheel 400/60-15,5	0,86										
	wheel 28/12,5-15	0,78										
	wheel 215/75-17,5	0,83										
height to the conveyor H3 (m)	wheel 10/75-15.3	0,60							x	x	x	x
	wheel 400/60-15,5	0,67										
	wheel 28/12,5-15	0,59										
	wheel 215/75-17,5	0,64										
number of knives on the auger		7	8	10	10	10	12	12	12	14	14	14
power demand (HP)		30	30	30	30	35	35	35	40	40	40	50



		EVO 12 TWIN	EVO 14 TWIN	EVO 16 TWIN
capacity (m³)		12	14	16
number of axles		1	1	1
total width W1 (m)		2,25	2,25	2,25
total length L1 (m)		6,85	6,88	6,87
length from the hitch to the axle L2 (m)		4,88		
total height of the machine without the conveyor H1 (m)	wheel 400/60-15,5	2,38	2,53	x
	wheel 435/50-19,5	2,48	2,63	2,83
total height of the machine with the conveyor H1 (m)	wheel 400/60-15,5	2,38	2,53	x
	wheel 435/50-19,5	2,48	2,63	2,83
height to mixing basket bottom H2 (m)	wheel 400/60-15,5	0,87		
	wheel 435/50-19,5	0,95		
height to the conveyor H3 (m)	wheel 400/60-15,5	0,68		
	wheel 435/50-19,5	0,76		
number of knives on the auger		6	7	8
power demand (HP)		70	80	80

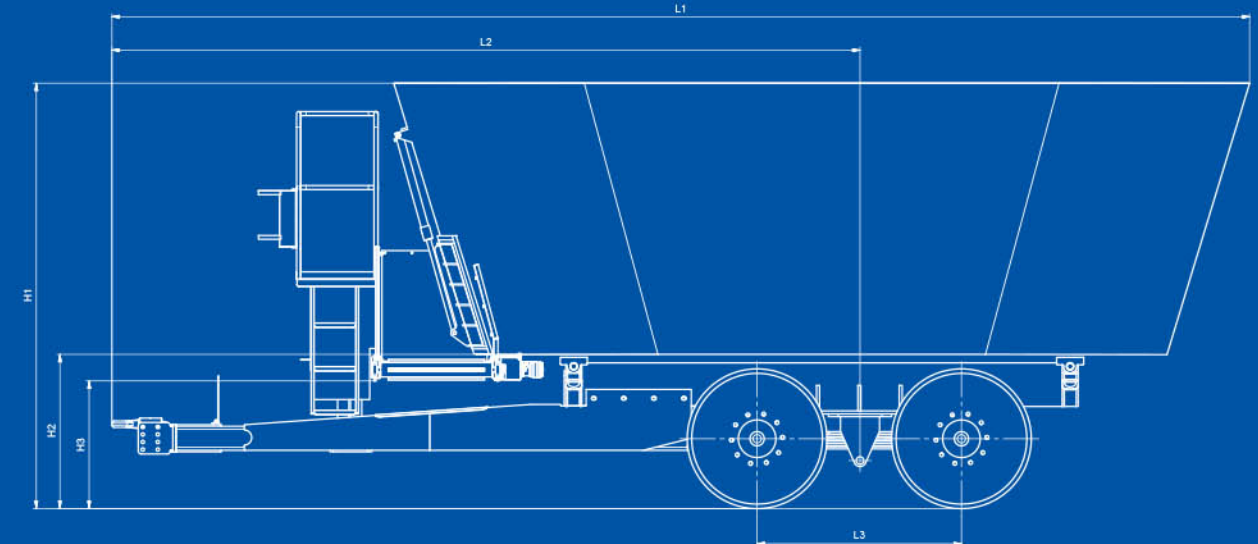
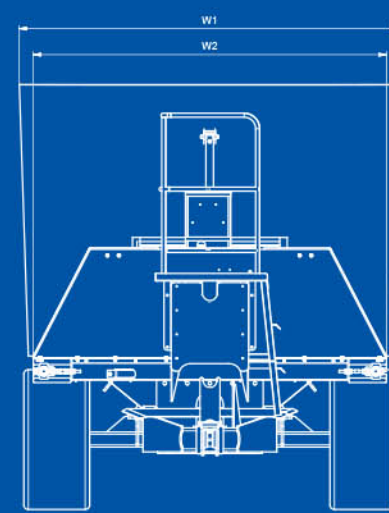
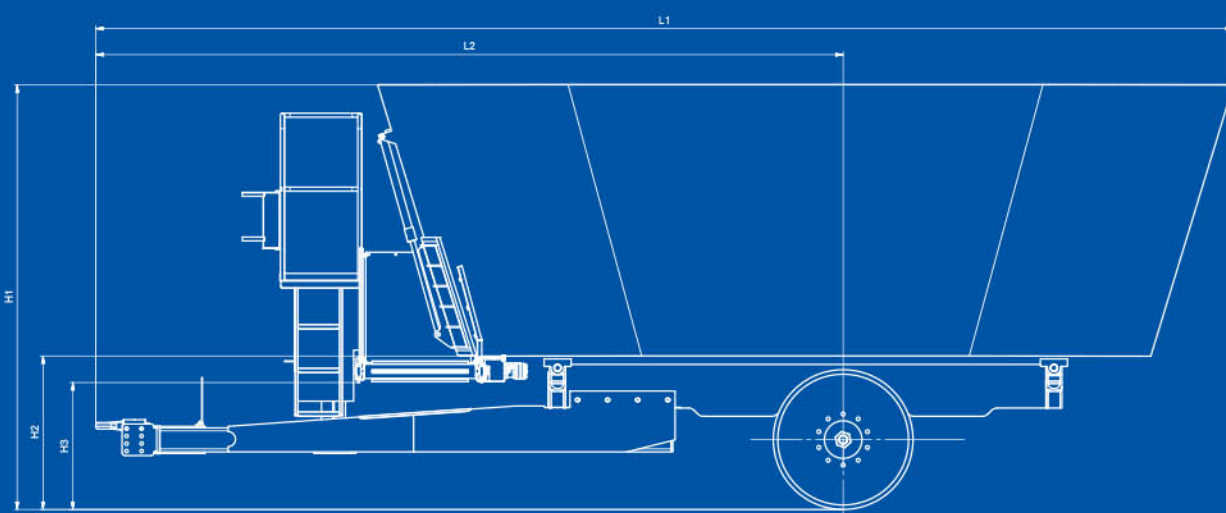
# TMR Feed Mixers with two augers ALIMAMIX EVOLUTION TWIN





# TMR Feed Mixers with two augers ALIMAMIX EVOLUTION

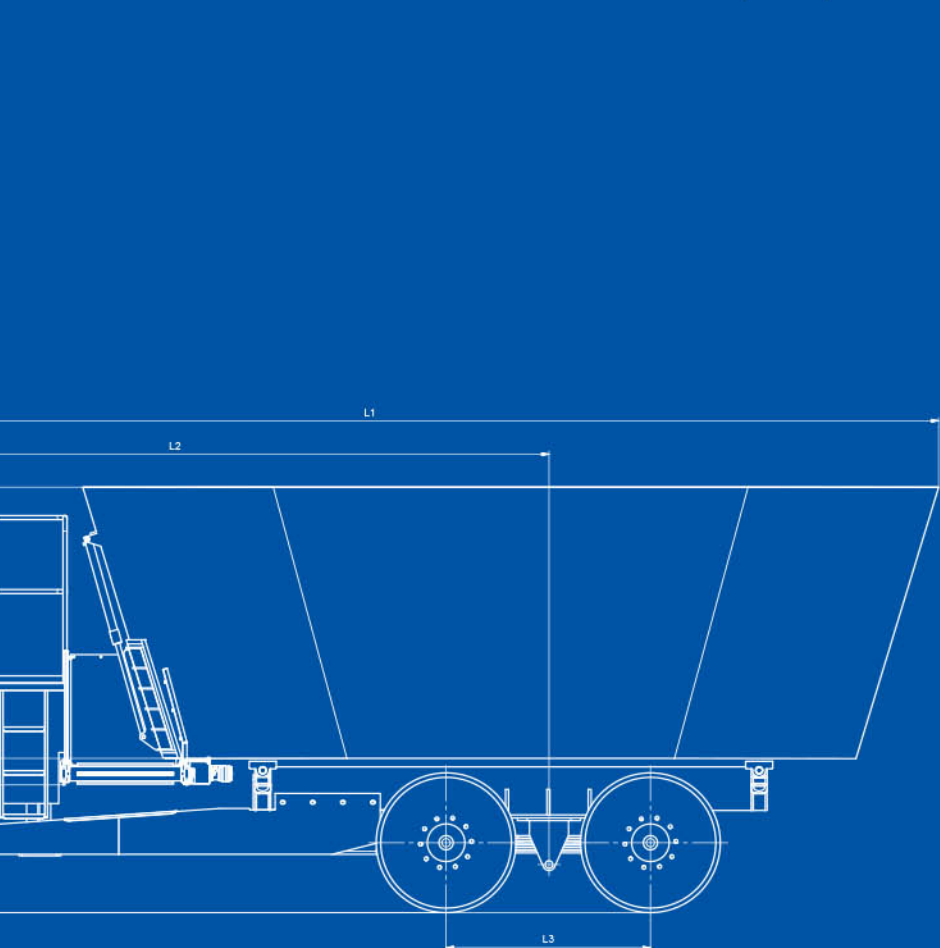
		EVO 18	EVO 21	EVO 24	EVO 27	EVO 30
capacity (m³)		18	21	24	27	30
total width W1 (m)		2,48	2,52	2,55	2,62	2,90
total length L1 (m)		7,51	7,59	7,66	7,83	7,77
total height of the machine H1 (m)	wheel 215/75-17,5	2,53	2,78	3,06	x	x
	wheel 385/55-22,5	2,63	2,89	3,16	x	x
	wheel 435/50-19,5	2,60	2,86	3,13	x	x
height to mixing basket bottom H2 (m)	wheel 215/75-17,5	0,89		x	x	
	wheel 385/55-22,5	1,0		x	x	
	wheel 435/50-19,5	0,98		x	x	
height to the conveyor H3 (m)	wheel 215/75-17,5	0,71		x	x	
	wheel 385/55-22,5	0,82		x	x	
	wheel 435/50-19,5	0,79		x	x	
length from the hitch to the axle L2 (m)		4,98		x	x	
total height of the machine H1 (m)	wheel 215/75-17,5	2,51	2,76	x	x	x
	wheel 30/11,5-14,5	2,48	2,73	x	x	x
	wheel 215/75-17,5	0,88		x	x	x
height to mixing basket bottom H2 (m)	wheel 30/11,5-14,5	0,85		x	x	x
	wheel 215/75-17,5	0,69		x	x	x
height to the conveyor H3 (m)	wheel 30/11,5-14,5	0,66		x	x	x
	wheel 215/75-17,5	0,66		x	x	x
length from the hitch to the first axle L2 (m)		4,98		x	x	x
length from the first to the second axle L3 (m)		0,95		x	x	x
total height of the machine H1 (m)	wheel 215/75-17,5	2,54	2,79	3,07	x	x
	wheel 425/40-B17	2,55	2,8	3,08	x	x
	wheel 435/50-19,5	2,62	2,87	3,15	x	x
height to mixing basket bottom H2 (m)	wheel 215/75-17,5	0,90		x	x	
	wheel 425/40-B17	0,92		x	x	
	wheel 435/50-19,5	0,99		x	x	
height to the conveyor H3 (m)	wheel 215/75-17,5	0,73		x	x	
	wheel 425/40-B17	0,74		x	x	
	wheel 435/50-19,5	0,80		x	x	
length from the hitch to the first axle L2 (m)		4,98		x	x	
length from the first to the second axle L3 (m)		1,29		x	x	
number of knives on the auger		8	10	12	14	14
power demand (HP)		55	70	75	80	85



# TMR Feed Mixers with three augers ALIMAMIX EVOLUTION

		EVO 18	EVO 21	EVO 24	EVO 27	EVO 30
capacity (m³)		18	21	24	27	30
total width W1 (m)		2,48	2,52	2,55	2,62	2,90
total length L1 (m)		7,51	7,59	7,66	7,83	7,77
total height of the machine H1 (m)	wheel 385/55-22,5	x	x	x	3,40	3,41
	wheel 435/50-19,5	x	x	x	3,37	3,38
height to mixing basket bottom H2 (m)	wheel 385/55-22,5	x	x	x	1,03	
	wheel 435/50-19,5	x	x	x	0,99	
height to the conveyor H3 (m)	wheel 385/55-22,5	x	x	x	0,84	
	wheel 435/50-19,5	x	x	x	0,81	
length from the hitch to the first axle L2 (m)		x	x	x	4,98	
length from the first to the second axle L3 (m)		x	x	x	1,39	
total height of the machine H1 (m)	wheel 425/40-B17	2,53	2,78	3,06	x	x
	wheel 385/55-22,5	2,62	2,88	3,15	3,37	x
	wheel 435/50-19,5	2,59	2,84	3,12	3,34	x
height to mixing basket bottom H2 (m)	wheel 425/40-B17	0,90			x	
	wheel 385/55-22,5	1,0			x	
	wheel 435/50-19,5	0,96			x	
height to the conveyor H3 (m)	wheel 425/40-B17	0,72			x	
	wheel 385/55-22,5	0,81			x	
	wheel 435/50-19,5	0,78			x	
length from the hitch to the first axle L2 (m)		5,20			x	
length from the first to the second axle L3 (m)		1,35			x	
total height of the machine H1 (m)	wheel 385/55-22,5	x	x	3,15	3,37	3,38
	wheel 435/50-19,5	x	x	3,12	3,34	3,35
	wheel 385/55-22,5	x		1,0		
height to mixing basket bottom H2 (m)	wheel 435/50-19,5	x		0,97		
	wheel 385/55-22,5	x		0,81		
height to the conveyor H3 (m)	wheel 435/50-19,5	x		0,78		
	wheel 385/55-22,5	x		0,78		
length from the hitch to the first axle L2 (m)		x		5,20		
length from the first to the second axle L3 (m)		x		1,35		
number of knives on the auger		8	10	12	14	14
power demand (HP)		55	70	75	80	85

		EVO 33	EVO 36	EVO 40	EVO 46
capacity (m³)		33	36	40	46
total width W1 (m)		2,52	2,55	2,62	2,80
total length L1 (m)		9,77	9,84	10,0	9,96
total height of the machine H1 (m)	wheel 385/55-22,5	2,95	3,23	x	x
	wheel 435/50-19,5	2,92	3,20	x	x
height to mixing basket bottom H2 (m)	wheel 385/55-22,5	1,09		x	x
	wheel 435/50-19,5	1,06		x	x
height to the conveyor H3 (m)	wheel 385/55-22,5	0,90		x	x
	wheel 435/50-19,5	0,87		x	x
length from the hitch to the first axle L2 (m)		5,97		x	x
length from the first to the second axle L3 (m)		1,35		x	x
total height of the machine H1 (m)	wheel 385/55-22,5	2,93	3,21	3,43	3,57
	wheel 435/50-19,5	2,90	3,18	3,40	3,54
height to mixing basket bottom H2 (m)	wheel 385/55-22,5	1,07			
	wheel 435/50-19,5	1,04			
height to the conveyor H3 (m)	wheel 385/55-22,5	0,89			
	wheel 435/50-19,5	0,86			
length from the hitch to the first axle L2 (m)		6,33			
length from the first to the second axle L3 (m)		1,31 x 2			
number of knives on the auger		8	10	12	14
power demand (HP)		55	70	75	80





## TMR Feed Mixers with one auger ALIMAMIX EVOLUTION PRO

	EVO 8 PRO	EVO 10 PRO	EVO 12 PRO	EVO 14 PRO	EVO 16 PRO
capacity (m³)	8	10	12	14	16
number of axles	1	1	1	1	1
total width W1 (basket bottom 2,2 / 2,4 m) (m)	2,45 / -	2,45 / 2,50	2,45 / 2,60	2,45 / 2,60	- / 2,60
total length L1 (basket bottom 2,2 / 2,4 m) (m)	5,13 / -	5,20 / 5,23	5,29 / 5,29	5,35 / 5,36	- / 5,41
length from the hitch to the axle L2 (m)	3,98				
total height of the machine without the conveyor wheel 400/60-15,5 H1 (basket bottom 2,2 / 2,4 m) (m)	2,52 / -	2,82 / 2,70	3,19 / 2,97	3,47 / 3,25	- / 3,52
total height of the machine with the conveyor H1 wheel 400/60-15,5 (basket bottom 2,2 / 2,4 m) (m)	2,52 / -	2,82 / 2,70	3,19 / 2,97	3,47 / 3,25	- / 3,52
height to the conveyor H3 (m) wheel 400/60-15,5	0,66				
number of knives on the auger	7	10	12	14	14
power demand (HP)	30	30	35	40	45

## TMR Feed Mixers with two augers ALIMAMIX EVOLUTION PRO TWIN

	EVO 12 PRO TWIN	EVO 14 PRO TWIN	EVO 16 PRO TWIN
capacity (m³)	12	14	16
number of axles	1	1	1
total width W1 (m)	2,26	2,26	2,26
total length L1 (m)	6,96	6,99	6,98
length from the hitch to the axle L2 (m)	4,85		
total height of the machine without the conveyor H1 (m) wheel 435/50-19,5	x	x	2,82
total height of the machine with the conveyor H1 (m) wheel 425/40-B17	2,38	2,53	x
total height of the machine with the conveyor H1 (m) wheel 435/50-19,5	x	x	2,82
total height of the machine with the conveyor H1 (m) wheel 425/40-B17	2,38	2,53	x
height to the conveyor H3 (m) wheel 435/50-19,5	x	x	0,74
height to the conveyor H3 (m) wheel 425/40-B17	0,65		
number of knives on the auger	6	7	8
power demand (HP)	45	50	55

## TMR Feed Mixers with two augers ALIMAMIX EVOLUTION PRO

	EVO 18 PRO	EVO 21 PRO	EVO 24 PRO	EVO 27 PRO	EVO 30 PRO	
capacity (m³)	18	21	24	27	30	
total width W1 (m)	2,48	2,55	2,55	2,62	2,90	
total length L1 (m)	7,50	7,56	7,63	7,67	7,68	
total height of the machine H1 (m)	wheel 215/75-17,5	2,55	2,83	3,14	x	x
	wheel 385/55-22,5	2,66	2,94	3,25	x	x
	wheel 435/50-19,5	2,63	2,91	3,22	x	x
height to mixing basket bottom H2 (m)	wheel 215/75-17,5	0,90		x	x	
	wheel 385/55-22,5	1,01		x	x	
	wheel 435/50-19,5	0,98		x	x	
height to the conveyor H3 (m)	wheel 215/75-17,5	0,68		x	x	
	wheel 385/55-22,5	0,79		x	x	
	wheel 435/50-19,5	0,76		x	x	
length from the hitch to the axle L2 (m)	5,09				x	
total height of the machine H1 (m)	wheel 215/75-17,5	2,53	2,81	x	x	x
	wheel 30/11,5-14,5	2,50	2,78	x	x	x
	wheel 215/75-17,5	0,88	x	x	x	x
height to mixing basket bottom H2 (m)	wheel 30/11,5-14,5	0,85	x	x	x	x
height to the conveyor H3 (m)	wheel 215/75-17,5	0,66	x	x	x	x
	wheel 30/11,5-14,5	0,63	x	x	x	x
length from the hitch to the first axle L2 (m)	5,09				x	
length from the first to the second axle L3 (m)	0,95				x	
total height of the machine H1 (m)	wheel 215/75-17,5	2,56	2,84	3,15	x	x
	wheel 425/40-B17	2,58	2,86	3,17	x	x
	wheel 435/50-19,5	2,64	2,92	3,23	x	x
height to mixing basket bottom H2 (m)	wheel 215/75-17,5	0,91		x	x	
	wheel 425/40-B17	0,92		x	x	
	wheel 435/50-19,5	0,99		x	x	
height to the conveyor H3 (m)	wheel 215/75-17,5	0,70		x	x	
	wheel 425/40-B17	0,71		x	x	
	wheel 435/50-19,5	0,77		x	x	
length from the hitch to the first axle L2 (m)	5,09				x	
length from the first to the second axle L3 (m)	1,29				x	
number of knives on the auger	8	10	12	14	14	
power demand (HP)	55	70	75	80	85	

	EVO 18 PRO	EVO 21 PRO	EVO 24 PRO	EVO 27 PRO	EVO 30 PRO	
capacity (m³)	18	21	24	27	30	
total width W1 (m)	2,48	2,55	2,55	2,62	2,90	
total length L1 (m)	7,50	7,56	7,63	7,67	7,68	
total height of the machine H1 (m)	wheel 385/55-22,5	x	x	x	3,45	3,49
	wheel 435/50-19,5	x	x	x	3,42	3,46
height to mixing basket bottom H2 (m)	wheel 385/55-22,5	x	x	x	1,02	
	wheel 435/50-19,5	x	x	x	0,99	
height to the conveyor H3 (m)	wheel 385/55-22,5	x	x	x	0,81	
	wheel 435/50-19,5	x	x	x	0,78	
length from the hitch to the first axle L2 (m)	x	x	x	5,09		
length from the first to the second axle L3 (m)	x	x	x	1,39		
total height of the machine H1 (m)	wheel 425/40-B17	2,56	2,84	3,15	x	x
	wheel 385/55-22,5	2,65	2,93	3,24	3,42	x
	wheel 435/50-19,5	2,62	2,90	3,21	3,39	x
height to mixing basket bottom H2 (m)	wheel 425/40-B17	0,90		x		
	wheel 385/55-22,5	1,0		x		
	wheel 435/50-19,5	0,96		x		
height to the conveyor H3 (m)	wheel 425/40-B17	0,69		x		
	wheel 385/55-22,5	0,78		x		
	wheel 435/50-19,5	0,75		x		
length from the hitch to the first axle L2 (m)	5,30				x	
length from the first to the second axle L3 (m)	1,35				x	
total height of the machine H1 (m)	wheel 385/55-22,5	x	x	3,24	3,42	3,46
	wheel 435/50-19,5	x	x	3,21	3,39	3,43
	wheel 385/55-22,5	x	x	1,0		
height to mixing basket bottom H2 (m)	wheel 435/50-19,5	x	x	0,96		
	wheel 385/55-22,5	x	x	0,78		
height to the conveyor H3 (m)	wheel 385/55-22,5	x	x	0,75		
	wheel 435/50-19,5	x	x	0,75		
length from the hitch to the first axle L2 (m)	x	x	5,30			
length from the first to the second axle L3 (m)	x	x	1,35			
number of knives on the auger	8	10	12	14	14	
power demand (HP)	55	70	75	80	85	

