

Conventional TMR mixer wagons from 8 to 45 m<sup>3</sup>

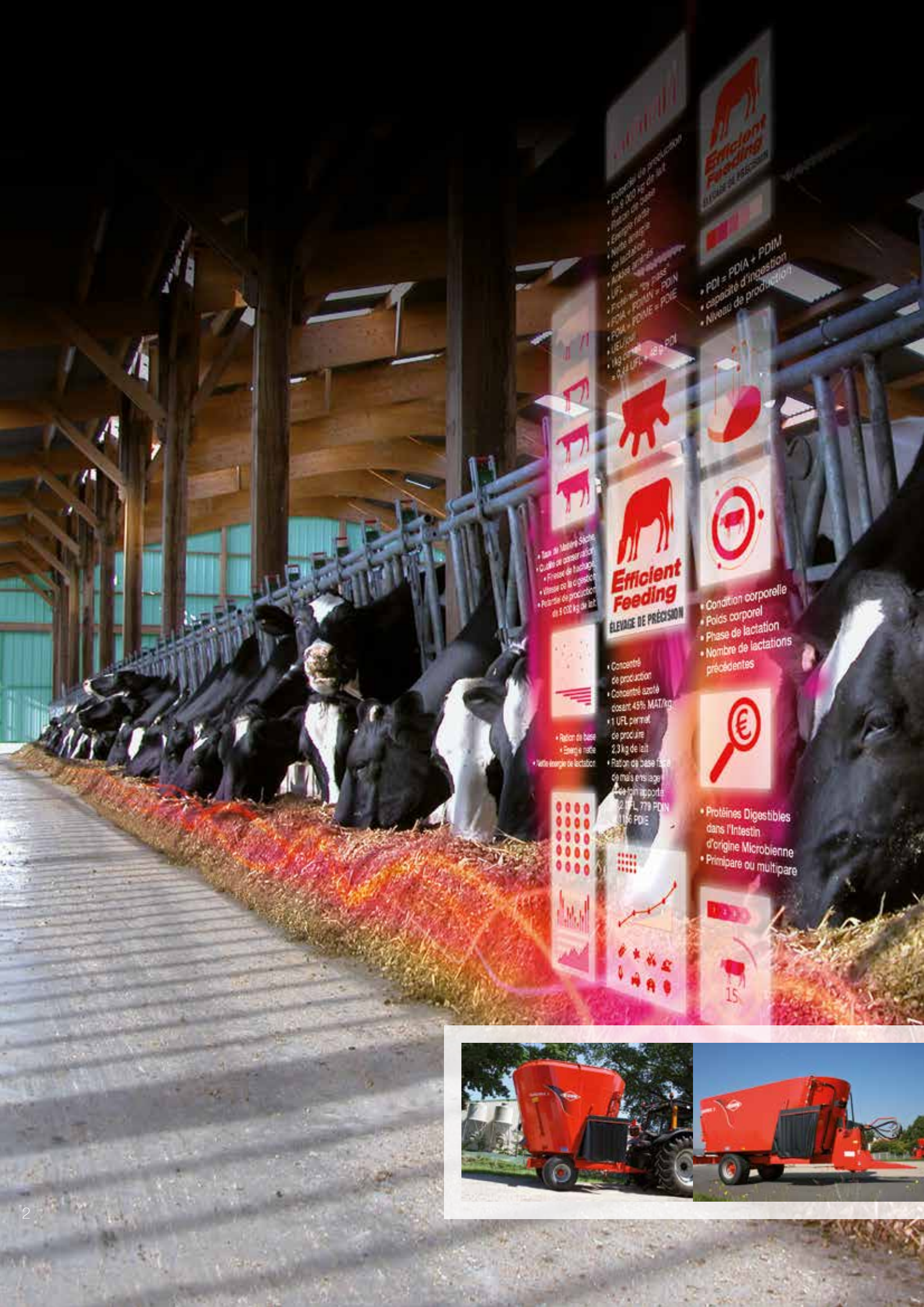
**EUROMIX I**



[www.kuhn.com](http://www.kuhn.com)



be strong, be **KUHN**



# Efficient Feeding

Modèle de gestion

- Potentiel de production de 8 à 100 kg de lait
- Filtration de base
- Énergie facile
- Nitrate équilibré de lactation
- Acides gras
- Protéines "à phase"
- UPL
- PDIA + PDIM + PDIN
- PDIA + PDIME + PDIE
- UPL
- Mg
- UPL

- PDI = PDIA + PDIM
- capacité d'ingestion
- Niveau de production

- Taux de Matière Sèche
- Qualité de conservation
- Finesse de fractions
- Vitesses de la digestion
- Potentiel de production de 8 000 kg de lait

## Efficient Feeding

### ELEVAGE DE PRÉCISION

- Concentré de production
- Concentré azoté (cosec 45% MAT/kg)
- 1 UFL permet de produire 2,3 kg de lait
- Ration de base
- Énergie nette
- Vette énergie de lactation

- Condition corporelle
- Poids corporel
- Phase de lactation
- Nombre de lactations précédentes

- Ration de base
- Énergie nette
- Vette énergie de lactation

- Protéines Digestibles dans l'Intestin d'origine Microbienne
- Primipare ou multipare



<b>EUROMIX I</b>	1 vertical auger	8 to 12 m <sup>3</sup>
<b>EUROMIX I</b>	2 vertical augers	16 to 22 m <sup>3</sup>
<b>EUROMIX I</b>	3 vertical augers	28 to 45 m <sup>3</sup>

# EFFICIENT AND STRESS-FREE HERD MANAGEMENT



More than ever, the competitiveness of livestock production is attributed to an efficient feeding system on a technical, nutritional and economic level.

KUHN has developed the EUROMIX I range on the strength of its international experience in design, development and marketing of TMR mixer wagons to meet the following objectives:

- Adapt the quantity of each ration component to the needs of the animal with an accurate weighing system.
- Rapidly chop whole bales and fibrous products down to the optimum length, as recommended by independent nutritionists,
- Provide perfectly even mixed rations for a healthier herd (reducing metabolic disorders, etc.),
- Quick mixing process to preserve fodder quality for optimum rumination,
- Aerated ration to reduce the risk of increased temperatures for easier digestion (improved feed efficiency),
- Compact sizes and a large selection of feeding systems to suit all types of production units and narrow buildings,
- Optional extras including heavy-duty augers and K-NOX doubling plates for increased machine service life.

## EUROMIX I - Overview:

	Number of augers	Effective capacity (m <sup>3</sup> )	Feed
<b>EUROMIX I 870-1070-1270</b>	1	8-10-12	Direct feed with chute or optional tilting conveyor
<b>EUROMIX I 1670-2070-2270</b>	2	16-20-22	Direct feed with chute or optional tilting conveyor
<b>EUROMIX I 2870-3370-3970-4570</b>	3	28-33-39-45	Direct feed with chute or optional tilting conveyor
<b>EUROMIX I 2880-3380-3980-4580</b>	3	28-33-39-45	Cross-conveyor with offset or optional tilting conveyor





# WHY TRUST THE WORLD LEADER

## EFFICIENT FEEDING SOLUTIONS

The KUHN EFFICIENT FEEDING system provides all the guarantees of a world leader in mixed ration solutions. All KUHN TMR mixers (trailed wagons, self-propelled, free-standing or robotic machines) can handle the most difficult situations in terms of working conditions and fodder diversity. Our TMR mixer wagons meet all applicable nutritional standards and have been proven through further successful testing in different continents. Our feeding solutions are also designed to meet all building, tractor and loader requirements. We provide data management systems for farms committed to high standards of traceability. We provide numerous services such as EFFICIENT FEEDING FEED to provide the advice you need to optimise your investment, whether you are a first-time buyer or upgrading your machine.



## ASK THE RIGHT QUESTIONS BEFORE INVESTING

The network of KUHN partners near you can help you choose the right machine.

Ask yourself the right questions to evaluate your investment:

### WHAT TUB CAPACITY DO I NEED?

The volume occupied by each type of fodder is different and often based on the quantity of dry matter. To determine the volume occupied by your ration, a digital converter is available in the “services” tab of the [www.kuhn.com](http://www.kuhn.com) website to help you calculate the tub capacity you need.

Take extra care when preparing fibrous rations! It is important to explore all different options including those for young cattle made up of predominantly long, dry fibres.

The EUROMIX mixer wagons are scalable in terms of capacity. If you change rations or expand your herd, you can easily increase your machine capacity with the extensions available.

### WHICH MACHINE CONFIGURATION?

When choosing your EUROMIX I, we suggest that you identify possible machine restrictions such as maximum heights, feed passage configurations (i.e. troughs), shed entrances/exits and the possible requirement to feed simultaneously from both sides. We can then provide a machine tailored to your needs.

### WHAT POWER AND WHICH LOADING MODE DO I NEED?

Gearbox options can allow the tractor power requirement to be reduced, adapting to your tractor. Several control system options are available, giving you a choice of hydraulic functions. These can also be adapted to the hydraulic equipment on your tractor.

The EUROMIX I range volumes offer single or double auger models for low height building configurations. Models with two vertical augers feature a lower overall height with an equivalent volume.

### WHAT INTENSITY OF USE?

Farm size and number of rations per day are also important factors when selecting your machine. Optional equipment such as carbide coated knives, K-NOX mixing augers and specific tyres can help to protect your EUROMIX I against the effects of wear over time.



## LOADING COMFORT AND ACCURACY!

The EUROMIX I mixer tub geometry was designed to make bucket loading easier. The large opening, on single and double auger models, allows for clean and easy loading - even with larger buckets. Depending on the model, the top part of the EUROMIX I tub can be fitted with a reinforced rim or an extension with a cross-section ring, to guarantee a longer machine service life. So even if the machine is hit by the loader, the tub structure will not be damaged.

## PERFECTLY CONTROLLED HERD PERFORMANCE!

Our precision weighing systems guarantee high quality management of your feed stocks and ration feeding. The standard electronic weighing system on our mixer wagon range allows you to monitor the exact quantities of fodder loaded and distributed to the animals.

For quality feeding, the weighing systems on our mixer wagons provide a high level of accuracy for coarse fodder and other nutrients incorporated in small quantities such as nitrogen supplements and production nutrients.

The number of weigh cells mounted is important for optimum performance: three for single auger mixer wagons (to form a triangular distribution of weight over each load cell), and four to six weigh cells on the double and triple auger machines. The number of weigh cells is determined by the surface area of the base of the tub for these models.

Programming and data transfer functions between the mixer wagon and your computer can be integrated through KUH N FEED TRACKING. This offers functions for the farmer, farm manager and the nutritionist.



### INDEPENDENT CHASSIS FOR WEIGHING WITH THE MACHINE UNHITCHED!

Standard on EUROMIX I models, large section chassis provide weighing stability and accuracy. The chassis is the main part of the machine and gets put under high levels of stress during loading, transport and unloading phases.

The longevity of the weigh cells is guaranteed as they are positioned between the tub and the chassis. It is this design that allows weighing operations to be performed while the machine is unhitched (as the weigh cells are still under stress). The option to fit your machine with a battery kit will allow the weighing system to be powered without being connected to the tractor.



1

### PROGRAMMABLE WEIGHING SYSTEM AS STANDARD

The KDW 341 weighing terminal fitted as standard on all the EUROMIX I mixer wagons offers several functions (1). The ration composed of different nutrients can be memorised for each animal. Simply input the number of animals present in the batch, and the system automatically adjusts the quantities to be loaded.

The KDW 341 can record many different rations, thus allowing you to manage different batches across different farms. Mixing times can also be programmed on the terminal. A beeping sound will inform you when the mixing is completed.

For operator ease, a KDR 300 secondary display is available for your loader (tractor) that is capable of displaying the information on the KDW 341 up to a 90 m range (2). With this you are still able to manage the ration whilst from the loader cab with maximum visibility!



2

## KUHN FEED TRACKING DATA TRANSFER:

### MORE THAN FEED MANAGEMENT!

With KUHN FEED TRACKING it is possible to exchange information between the weighing system on the EUROMIX I mixer wagon and your office computer. Choose the management level for you and find your KUHN FEED TRACKING version:



#### FEED TRACKING BRONZE

Data transfer via a memory cartridge from the KDW 341 terminal to the computer. This allows you to monitor the rations loaded and unloaded from your machine.



#### FEED TRACKING SILVER

Data transfer via a USB stick from either the KDW 361 terminal to the computer or from the computer to the terminal. This allows you to set rations on your computer before transferring these programmes to the weighing terminal.



#### FEED TRACKING GOLD

This version includes the same functions as FEED TRACKING SILVER with the additional possibility to manage your feed stocks online to alert you when new stocks need to be ordered.



#### FEED TRACKING OPUS

In addition to the GOLD version functions, KUHN FEED TRACKING OPUS provides herd performance reports and automatically prepares feed orders.

# MIXING



## HIGH MIXING QUALITY FOR OPTIMUM RUMINATION!

For a healthy herd, the ration must be evenly mixed and perfectly distributed, no matter what the levels of dry matter are.

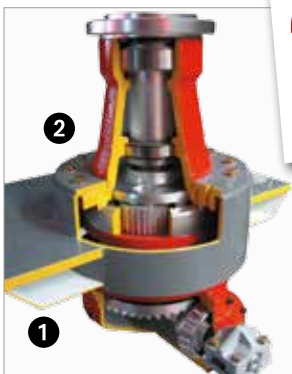
The EUROMIX I range's mixing auger was designed with the chopping performance of long fibres in mind, as well as preserving wetter fodders such as maize silage.

Various configuration options tailor the machine to your needs.



### EXCLUSIVE KUHN MIXING AUGER!

The double-pitch angle of the auger enables quick breakdown of feed including whole bales, no matter how full the machine already is. To reduce power consumption, the EUROMIX I range is equipped with asymmetric knives which give a "self-cleaning" effect and also have a progressive-cutting knife edge for constant torque transfer. The continuous auger helix naturally moves the fodder from the bottom to the top of the tub for even mixing with no forced movements, reducing fuel consumption during the mixing process. The auger material and design has been selected to provide maximum resistance to wear.



**2000** machines per year!  
Exclusive to **KUHN**

### TRIED AND TESTED TRANSMISSION AND DRIVE SYSTEMS!

The machine transmission is made up of a two-stage bearing therefore even during breakdown of a whole bale, stress is absorbed. The combination of the pre-stressed subframe (1) and the solid auger base provides maximum resistance to the load bearing in the bottom of the machine. The unit is fitted on a collar (2) which reaches up to approximately half the auger height, thus protecting the transmission from lateral forces exerted on the auger. Based on KUHN technology, the angle gearbox is known for its reliability and is used on all the 2000 mixer wagons produced each year.





### **EVEN QUICKER CHOPPING AND MIXING**

The EUROMIX I tubs are polygonal so as opposed to “rolled” bodies, the tubs have multiple sides. This design greatly improves machine resistance to strain, particularly when breaking down whole bales. This design also saves time when chopping longer forage thus decreasing overall mixing time. The counter-knives are positioned diagonally with respect to the auger axis and jointed at the top, thereby reducing the space between the counter-knife and the auger and increasing the contact surface with the fodder.

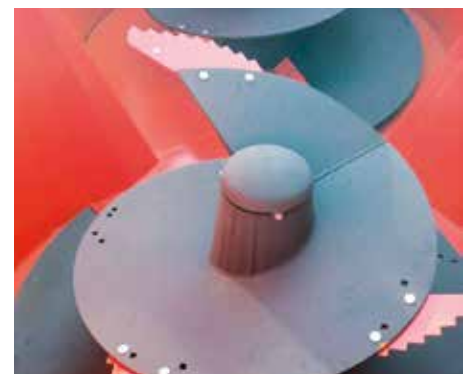


### **CUSTOMISE THE AUGER POWER!**

To reduce power requirements, the EUROMIX I mixer wagons are fitted with progressive cutting knives for constant torque transfer.

For fibrous rations, the angle and number of knives can be modified for faster break-down of whole bales and long-fibres.

The different size knives also play an important role. The longer knives reach around the whole tub, ensuring there are no dead-spots where the fodder could get stuck. The shorter knives guarantee a consistent chop from all parts of the auger. For longer service life, there is an option of carbide-coated knives.



# 5-STAR FEEDING



## RAPID FEED-OUT AND DISTRIBUTION!

For each member of the herd to get their maximum feed intake, the feed-out of the mixed ration must be evenly mixed and distributed across the whole length of the feed passage. It's important to reduce competition for feed between individuals of the same batch.

Subordinate individuals must have their share of quality mixed rations!

During grazing periods, when bringing the animals back inside at the end of the day, providing a homogeneous ration is the best solution to avoid feed sorting.

Even mixed-ration quality throughout the day depends on the formulation as well as the physical qualities. Consistent TMR quality ensures that herds fed complete or semi-complete rations perform well in terms of productivity and profitability.



## SELECTING THE FEEDING SYSTEM: A whole range of possibilities!



### DISTRIBUTION CHUTES: EXPRESS DELIVERY!

These distribution chutes allow for quick and simple feed delivery to floor-level feeding passages. Distribution chutes can be fitted upon request at the front right or left, rear right or left, etc. for feed delivery in all types of building configuration, even in buildings with no separate exit. The EUROMIX I mixer wagon is fitted with a deflection plate to avoid driving over the ration fed out. The protective canvas prevents fodder being projected beyond the trough.



### TILTING CONVEYORS TO ADAPT TO ALL TYPES OF TROUGHS

The EUROMIX I range can be fitted with a large selection of hydraulically tilting conveyors to deliver feed to troughs or feed bunkers. The PVC tilting conveyors belts come in 600, 800, 1100, 1500 or even 2200 mm versions. They start up automatically when the door hatch is opened to prevent jamming at the tub outlet. The EUROMIX I tilting conveyors are quiet, always clean and easy to service: simply by adjusting the belt tension on a regular basis.



### CROSS-CONVEYOR: MAXIMUM VISIBILITY

The cross-conveyor is positioned at the front or the rear of the EUROMIX I mixer wagon. The front-mounted version provides the visibility required to adjust the quantity distributed. The cross-conveyor is recommended for fibrous rations since its length allows you to adjust the flow of long-fibre fodder. Feed can be distributed on the left or right-hand side. The conveyor is driven by a hydraulic motor at each end, guaranteeing perfect operation regardless of the conveyor direction. The PVC belt ensures that fodder doesn't travel back underneath the belt. The feed passage always remains clean after distribution.



## KUHN MAKES ALL THE DIFFERENCE



### OFFSET OF THE CROSS-CONVEYOR

In large rations such as fibrous rations or rations prepared for 2-3 days (for heifers), the cross-conveyor is fitted with a hydraulic offset. It can shift sideways to the left or the right by 250 mm to produce a wider feed-out and avoid driving over it. This makes it easy to access buildings fitted with roofs and reinforcement beams or canopies. The hydraulic offset of the conveyor allows you to deliver the ration on the feed passage floor while maintaining sufficient distance from the machine.



### REGULAR FEEDING AND LONG LIFE GUARANTEED!

Regardless of the ration composition, EUROMIX I TMR mixer wagons provide regular delivery thanks to the placement of the distribution doors and the additional scraper on the auger (1). This scraper is located opposite the initial section of the auger and accelerates discharge by regulating the product flow. The double-bent scraper guides the fodder to the door, preventing it from traveling back into the tub. This maximises the feed rate even with fibrous rations.

KUHN PVC conveyor belts have longer service life and numerous advantages:

- The PVC belt is held in place with staples for quick repair of damaged belts.
- A lower belt running in a central groove guides it through the two rollers (2) at each end. Therefore there is no side friction on the PVC belt.

# 100 % FUNCTIONAL DESIGN!

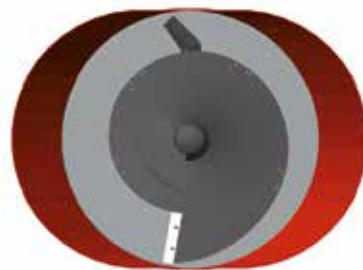
Single vertical auger EUROMIX I mixer wagons are perfect for simple and effective mixed rations. These models are best for farmers requiring a simple and functional machine.

The direct feed system is an excellent solution for on-floor feeding tables. This modular machine can operate in all building configurations, with distribution on the front right and/or rear left, via a chute or tilting conveyor.

Available with standard direct controls, you can control the entire machine from the tractor cab. The small diameter of the mixing auger on the EUROMIX I 870, 1070 and 1270 models reduces the power requirement: 60 hp for the 8 m<sup>3</sup> model.



# 1 MIXING AUGER 8-10-12 m<sup>3</sup>



The single auger EUROMIX I comes in 8, 10 and 12 m<sup>3</sup> versions with a vertical auger, providing mixed rations for all types of livestock farms. The shape of the tub and the auger design were specially engineered to ensure optimum circulation of the forage products in the machine and guarantee an even mix. The counter-knives are articulated at the top to provide a large chopping surface.

The EUROMIX I 1070 and 1270 models feature an anti-overflow ring as standard so you can load whole bales with optimum fodder expansion in safe conditions.

## AN ENTRY-LEVEL TMR MIXER WAGON WITH THE PERFORMANCE OF LARGER MODELS!



### COMPACT SIZE GUARANTEED!

With its tub width, straight side walls and axle under the body, EUROMIX I 70 Series single-auger mixer wagon is an excellent all-purpose machine! It can distribute feed in narrow passages with front right or rear left discharge. The doors are positioned opposite the auger axis to guarantee regular a feed-out.



### BUILT TO LAST!

Like all the KUHN mixer wagon models, EUROMIX I 870, 1070 and 1270 models are designed with polygonal tubs. With a sturdy tub, your mixer wagon is built to last. The overlapping walls are assembled on a welding rig, making the tub extremely robust.



### OUTSTANDING FEATURES

The EUROMIX I 70 Series single-auger mixer wagon is the ideal machine for first-time buyers. You can choose your type of controls based on the hydraulic equipment on your tractor. These mixer wagons feature all the advanced technology of the large capacity models: double-pitch auger, counter-knives articulated at the top, etc. The machine has a mix inspection ladder as standard, and options include an auger magnet, different lengths of conveyor belts, and more.



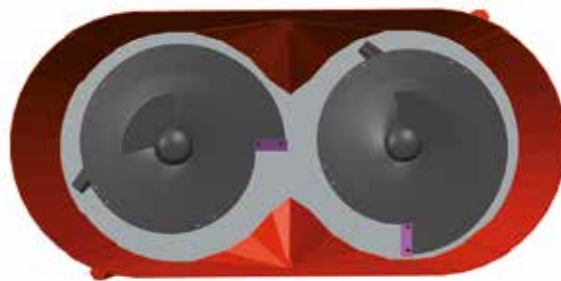
# ACCURACY AND LARGE VOLUMES

Direct feed with the EUROMIX I 70 series is perfect for any feeding configurations thanks to the wide range of possible chute positions. These models allow for distribution in narrow buildings, with overall width of just 2.35 m.

The vertical twin-auger EUROMIX I models have a high filling coefficient due to the shape of the internal space between the augers.



# 2 MIXING AUGERS 16-20-22 m<sup>3</sup>

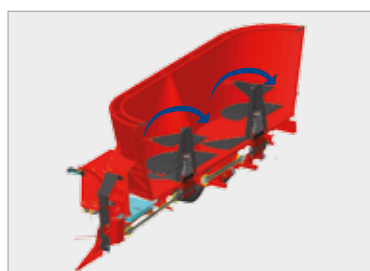


Starting at 16 m<sup>3</sup>, the vertical twin-auger EUROMIX I range is perfectly suited for farms with lower buildings, and with capacities up to 22 m<sup>3</sup> they are the perfect solution for farmers requiring larger volumes.

The independent frame allows you to load and mix with the same tractor without sacrificing accurate weighing.

The cutting power of the mixing augers can be manipulated through different knife positions and can be adjusted based on the ration fibre content.

## FILLING COEFFICIENT: MAXIMUM RATIONS PER M<sup>3</sup>!



### EXCELLENT MIXING QUALITY GUARANTEED!

The transmission that connects the two augers to the dual speed gearbox or to the primary transmission is in a straight line thus reducing load losses. The integral mixing augers rotate in the same direction. The mixture rotates in a figure-of-eight pattern to prevent blockages resulting in sudden increases of power requirement.



### DISTRIBUTION SOLUTIONS FOR EVERY SITUATION

The 70 Series models are fitted with one or more chutes that can be positioned as required on the tub, at the front, at the rear, on the right or on the left. As an option, tilting conveyors are available in different lengths for distribution in even the highest troughs.



### ON THE ROAD OR ON THE FARM, YOUR CHOICE!

The EUROMIX I range features a single axle up to the 2070 model. For more road work, these machines are available with an optional bogie axle (standard on EUROMIX I 2270).



### ADJUSTABLE HITCH SYSTEM

The mixer wagon must be perfectly horizontal to ensure mix quality. This is all the more true for larger tubs. On all the models in the EUROMIX I range, the drawbar height can be adjusted with a simple bolt system.

<b>EUROMIX I</b>	2870	3370	3970	4570
<b>EUROMIX I</b>	2880	3380	3980	4580

# XXL FOR DAILY WORK PERFORMANCE!

The EUROMIX I triple vertical auger mixer wagons feature capacities ranging from 28 to 45 m<sup>3</sup>. EUROMIX I triple auger models come with direct feed systems (Series 70) or cross-conveyor feed systems (Series 80), and provide impressive delivery rates.

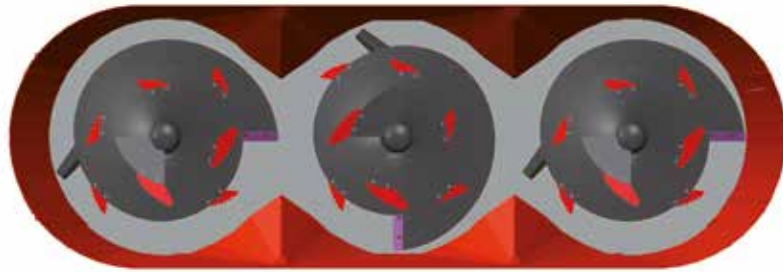
For example, the 45 m<sup>3</sup> versions can feed up to 360 dairy cattle in a single pass.

They are high-end industrial machines and feature a 6-point weighing system to guarantee the accuracy of the quantities loaded and discharged. To make the most of your machine, you can choose a tandem axle, tandem steering axle or tridem steering axle.





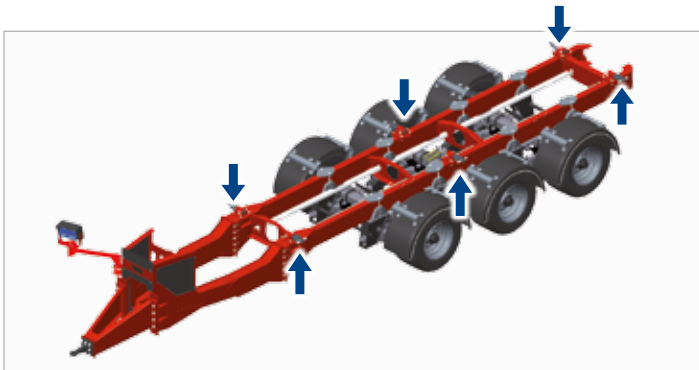
# 3 MIXING AUGERS 28 to 45 m<sup>3</sup>



Available in 28, 33, 39 and 45 m<sup>3</sup> versions, the triple vertical auger EUROMIX I industrial range features extra-large dimensions. The 28 m<sup>3</sup> models feature an overall height starting at 2.74 m and can manoeuvre through lower buildings.

The auger transmission is designed on a single axis. The mixing augers rotate in the same direction and at the same speed to guarantee excellent fodder circulation in the tub.

The number, position and type of knives can be customised on the EUROMIX I triple vertical auger models to adapt to all types of rations.



## FAIL-PROOF WEIGHING SYSTEM!

The independent frame absorbs all the stress caused by uneven terrain to guarantee excellent weighing accuracy. The six weigh cells are yoke-mounted between the independent frame and the welded siderails at the bottom of the tub. Weighing accuracy and reliability are guaranteed both for small mix batches and at maximum load with wet, heavy and compact rations.



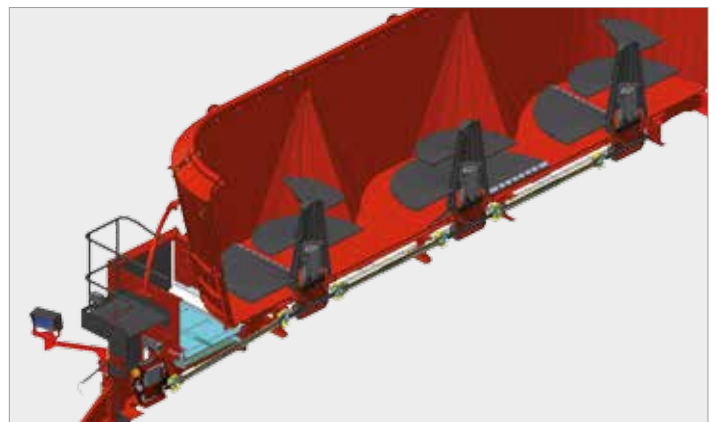
## XXL MIX

The three mixing augers on the EUROMIX I triple auger range feature the same geometry and the same advantages as the rest of the range: progressive cutting, auger pitch angle to move the product evenly and smoothly around the tub, double pitch angle on top section of the auger to maximise capacity, etc. The machine is kept horizontal by adjusting the drawbar bolted on the hitch.



## CHOOSE YOUR AXLES BASED ON YOUR USAGE

Depending on the distances driven and type of terrain, you can choose to keep the tandem axle, tandem steering axle or tridem steering axle. The original 445/45 R19.5 tyres provide excellent resistance to the highest loads.



## INDUSTRIAL KINEMATICS

The two-speed gearbox as standard on the EUROMIX I triple auger range makes transmission start-up easy under load with moderate power requirement.

# SPECIAL EQUIPMENT\*: CUSTOMISE YOUR MACHINE!

**+50%**

## A SCALABLE MACHINE TO ADAPT TO HERD SIZE AND RATION TYPE

### DEALING WITH AN EXPANDING HERD:

In order to cope with a growing herd, the KUHN EUROMIX I mixer wagons are designed to be adaptable.

Just bolt on extensions to increase the mixing capacity of your EUROMIX I single, twin or triple vertical auger mixer wagon. For example, by adding extensions to the EUROMIX I 870, you can convert it to a EUROMIX I 1270 with 50% extra capacity ! Thanks to the auger design, an extension kit can be fitted to the body without compromising mixing quality, mixing speed and homogeneity or the strength of the tub: exclusive to KUHN!

### DEALING WITH NEW BUILDING LAYOUTS:

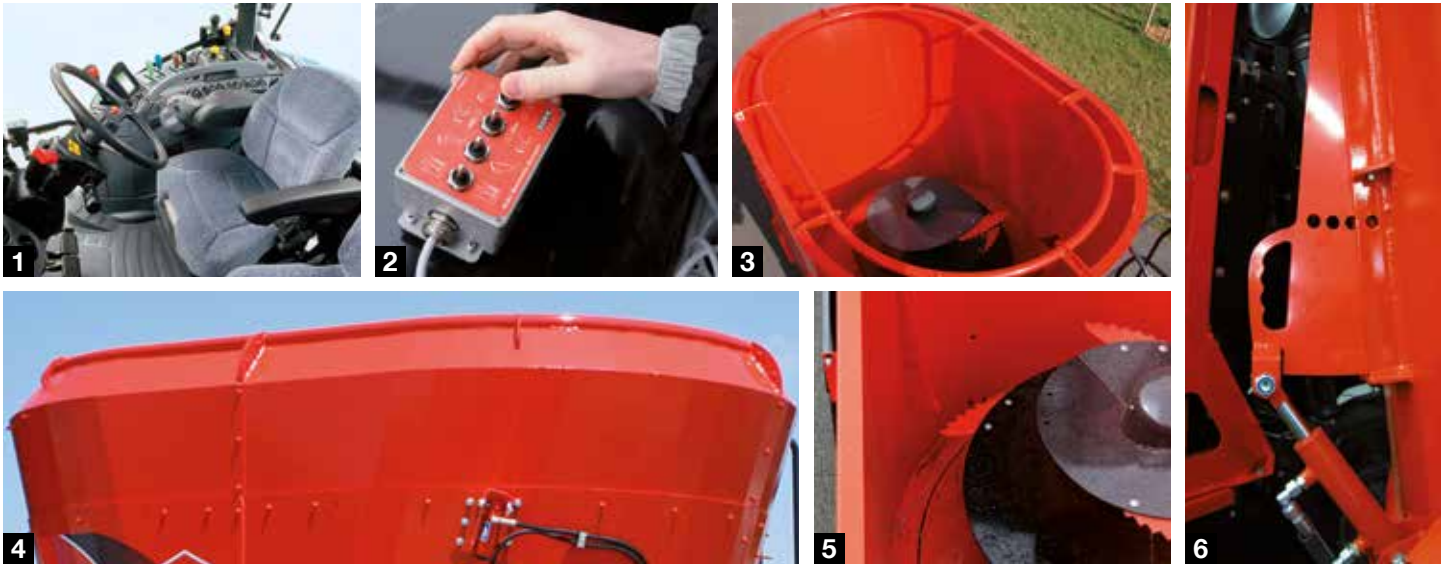
Modifications to a feeding table, installation of a new building, renovation of old cattle sheds: these are just some of the situations that can make your choice of equipment suddenly out-dated.

That's why the EUROMIX I range of mixer wagons is designed with the option to retrofit new distribution systems such as secondary distribution chutes on Series 70 versions, offset cross-conveyors, tilting conveyors, hydraulic counter-knives and specially mounted knives.

Invest in the future with peace of mind!



\* The standard and optional equipment is not available in all countries.  
For further information, please contact your KUHN authorised dealer.



#### **DIRECT OR ELECTRIC CONTROLS**

As standard, the EUROMIX I mixer wagons are controlled from the tractor's original distributors. Depending on the models, one or two double-acting valves are required on the tractor . Then a double-acting valve is required for each additional function. The user-friendly electric system provides you with fingertip control of your machine. The small control box can be fitted in every type of tractor cab.

#### **FOR FIBROUS RATIONS**

For very fibre rich rations and/or for using with whole bales, we advise you to fit your mixer wagon with an anti-overflow system. Depending on the model, we have optional anti-overflow rings or extensions available as standard . In both cases, the fodder is contained and moved back towards the centre of the tub to improve chopping and mixing speed.

For faster chopping of long strands the EUROMIX I mixer wagons are fitted as standard with two manual counter-knives placed diagonally with respect to the axis of the mixing auger(s). They are articulated at the top, and the lower part runs inside the tub , as close as possible to the auger knives for quicker chopping. Farmers using high-fibre rations will appreciate the optional hydraulic version of the counter-knives . You can extend and retract the counter-knives as needed, from the tractor cab.





# EQUIPMENT AND SERVICES:

## MAXIMISE YOUR PERFORMANCE!

### INDUSTRIAL CONFIGURATION

LONG LIFE SOLUTIONS!



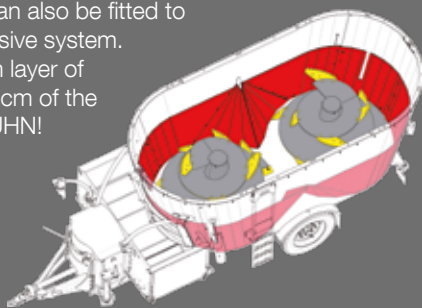
In order to further minimise wear and tear from abrasion and silage acidity, all the EUROMIX I models can be fitted with the new K-NOX mixing augers as an option.

K-NOX greatly extends the service life of the auger, crucial to the performance of your mixer wagon:



All the auger parts (coils and cones) are made of K-NOX to protect the entire unit. The auger is more resistant to abrasive fodder and acidic silage juices.

K-NOX doubling plates can also be fitted to further improve this exclusive system. These plates add a 4 mm layer of K-NOX to the bottom 80 cm of the tub walls: exclusive to KUHN!



Whichever solution you choose, you can always opt for our long-wearing carbide-coated auger knives to achieve even and efficient chopping.



### AXLES AND TYRES TO ADAPT THE HEIGHT OF YOUR MACHINE

#### Vertical single-auger mixers

EUROMIX I 870 - 1070 - 1270

#### Vertical twin-auger mixers

EUROMIX I 1670 - 2070

EUROMIX I 2270

#### Vertical triple-auger mixers

EUROMIX I 2870 - 3370

EUROMIX I 3970 - 4570

EUROMIX I 2880 - 3380

EUROMIX I 3980 - 4580

### METAL TRAP

#### PLAY IT SAFE!

All the EUROMIX I range models can be fitted with a magnet on the mixing auger as an option.

This system considerably reduces intestinal injuries caused by the ingestion of metal fragments contained in the fodder (barbed wire, etc.).






It can be fitted on the double-bent arm of the auger in the TMR flow and offers numerous advantages:

- The magnet is in contact with the fodder throughout the mixing process.
- Regardless of your EUROMIX mixer wagon's feed configuration, you are guaranteed a more effective result compared to magnets mounted on the tub discharge system.

This is a high technology Neodymium-class magnet. It is ten times more effective than standard Ferrite-class magnets.



\*The standard and optional equipment and certain services are not available in all countries. For further information, please contact your KUHN authorised dealer.

				
<b>400 x 60 - 15,5</b>	<b>30 x 11,5 - 14,5</b>	<b>435 x 50 - 19,5</b>	<b>215 x 75 - 17,5 twin wheels</b>	<b>445 x 45 - 19,5</b>
◆ (1)	◇ (1)	-	-	-
◇ (2)	◇ (2)	◆ (1)	◇ (1)	-
◆ (2)	-	-	-	-
-	-	-	-	◆ (2) - ◇ (3)
-	-	-	-	◆ (3)
-	-	-	-	◆ (2) - ◇ (3)
-	-	-	-	◆ (3)

◆ Standard    ◇ Option    (1) Single axle    2) Bogie axle    (3) Tridem axle

The tyres supplied depend on the country.

## EFFICIENT FEEDING FEED\*

### MAXIMISE THE NUTRITIONAL EFFICIENCY OF YOUR EUROMIX I



You want your KUHN mixer wagon to rapidly improve the productivity and profitability of your herd. You also would like advice on how to use your machine to save time and achieve greater accuracy. You need to produce mixed rations with high added value.

**Your EUROMIX machine is the key to achieving all these objectives.**

#### Our Efficient Feeding FEED service is here to help:

This service is provided by an independent nutrition firm specialising in mixed rations. It includes a ½ day audit at your farm, during which nutrition experts will review your buildings, the nutritional needs and health of your calves, heifers and cows, as well as your fodder system. The audit will be conducted within one week of delivery of the mixer wagon by your KUHN authorised dealer, with follow-up by the Efficient Feeding FEED nutritionist. It includes a report containing recommendations to improve your productivity and profitability. You will also receive telephone support for 2 months to help you implement the actions.



## Specifications

EUROMIX I -

	870	1070	1270	1670	2070	
Mixing capacity (m <sup>3</sup> )	8	10	12	16	20	
Number of cattle fed in a single pass	40 to 60	50 to 75	60 to 90	80 to 120	100 to 150	
Number of vertical augers	1	1	1	2	2	
Distribution method	Direct feed via chute position					
Overall dimensions (m)	Length	4.31	4.40	4.47	6.80	6.89
	Width with standard equipment	2.35	2.35	2.35	2.35	2.35
	Width with tilting conveyor (closed position)	2.51	2.51	2.51	2.51	2.51
	Overall width across wheels	2.12	2.12	2.12	2.16	2.16
	Height*	2.45 to 2.61	2.84 to 3.00	3.09 to 3.25	2.49 to 2.67	2.91 to 3.05
Distribution height (mm)*	Distribution chute	540	540	540	590	590
	Cross-conveyor	-	-	-	-	-
	0.60 m tilting conveyor extended to 45°	740	740	740	790	790
	0.80 m tilting conveyor extended to 45°	874	874	874	924	924
	1.10 m tilting conveyor extended to 45°	1,089	1,089	1,089	1,139	1,139
Number of knives per auger / counter-knives	7/2	7/2	7/2	7/2	7/2	
Auger rotation speed (min <sup>-1</sup> )	29	29	29	29	29	
Tub bottom thickness / wall thickness (mm)	15/6	15/6	15/6	20/8	20/8	
Unladen weight (kg)	2,970	3,040	3,160	6,400	6,660	
Standard machine control type						
Type of axle with standard tyres	Single					
Tyre size on standard machine	400/60 15.5			435/50 R19.5		
Recommended tractor power (kW/hp)	44/60	51/70	59/80	66/90	74/100	
Minimum tractor hydraulics required for standard machine	1 DA	1 DA	1 DA	2 DA	2 DA	
Required flow rate and pressure from tractor (l/min) at 180 bar (recommended pressure)	20-50	20-50	20-50	20-50	20-50	

### EQUIPMENT\*\*

#### Weighing equipment

Programmable weighing	◆	◆	◆	◆	◆
Wireless secondary display for the loader tractor	◇	◇	◇	◇	◇
Data transfer system	◇	◇	◇	◇	◇
Battery kit for battery-powered weighing	◇	◇	◇	◇	◇

#### Loading and chopping equipment

Anti-overflow ring	◇	-	-	◇	-
Anti-overflow extension	-	◆	◆	-	◆
Hydraulic counter-knives	◇	◇	◇	◇	◇
Hatch for adding minerals	◇	◇	◇	◇	◇
Auger magnet	◇	◇	◇	◇	◇
Auger knife coating	◇	◇	◇	◇	◇
K-NOX mixing auger	◇	◇	◇	◇	◇
K-NOX doubling plates (height 80 cm)	◇	◇	◇	◇	◇
Mix inspection ladder	◆	◆	◆	◆	◆
Mix inspection platform	-	-	-	-	-

#### Distribution equipment

1 door with right or left chute	◆	◆	◆	◆	◆
2 doors with chutes	◇	◇	◇	◇	◇
3 doors with chutes	-	-	-	◇	◇
4 doors with chutes	-	-	-	-	-
Central rear door	-	-	-	-	-
Discharge conveyor 0.60 m	◇	◇	◇	◇	◇
Discharge conveyor 0.80 m	◇	◇	◇	◇	◇
Discharge conveyor 1.10 m	◇	◇	◇	◇	◇
Discharge conveyor 1.50 m	◇	◇	◇	◇	◇
Discharge conveyor 2.20 m	◇	◇	◇	◇	◇
Manual adjustment of the conveyor speed	◇	◇	◇	◇	◇

#### Equipment for different building layouts (see page 20-21)

Single axle	◆	◆	◆	◆	◆
Bogie axle (tandem on vertical triple auger models)	-	-	-	◇	◇
Bogie steering axle (tandem steering on vertical triple auger models)	-	-	-	-	-
Tridem steering axle	-	-	-	-	-
PTO shaft with shear bolt protection	◆	◆	◆	◆	◆
Wide-angle (constant velocity) PTO shaft with shear bolt protection	◇	◇	◇	◇	◇

#### Equipment for different tractors

Crank-operated jack	◆	◆	◆	-	-
Manual pump-operated jack	◇	◇	◇	-	-
Hydraulic jack with two-way cylinder	-	-	-	◆	◆
Two-speed gearbox to reduce power requirement	◇	◇	◇	◇	◇
Output divider	◇	◇	◇	◇	◇
Road standard lighting and safety systems	◆	◆	◆	◆	◆

\* Varies depending on the tractor, tyres and equipment

\*\*Equipment varies with country

◆ Standard

◇ Optional equipment

- Not available

**EUROMIX mixer wagons**

70 Series					EUROMIX I - 80 Series			
2270	2870	3370	3970	4570	2880	3380	3980	4580
22	28	33	39	45	28	33	39	45
110 to 165	140 to 225	165 to 260	195 to 310	225 to 360	140 to 225	165 to 260	195 to 310	225 to 360
2	3	3	3	3	3	3	3	3
Positioned on right or left					Left and right-hand side feed delivery via cross-conveyor			
6.96	9.94	9.99	10.07	10.11	10.45	10.50	10.58	10.62
2.35	2.76	2.78	2.84	2.86	2.78	2.78	2.84	2.86
2.51	2.99	2.99	2.99	2.99	2.78	2.78	2.84	2.86
2.12	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44
3.17 to 3.31	2.74	3.00	3.30	3.45	2.74	3.00	3.30	3.45
580	770	770	770	770	-	-	-	-
-	-	-	-	-	833	833	833	833
780	1,050	1,050	1,050	1,050	-	-	-	-
914	1,180	1,180	1,180	1,180	1,145	1,145	1,145	1,145
1,129	1,400	1,400	1,400	1,400	1,358	1,358	1,358	1,358
7/2	7/2	7/2	7/2	7/2	7/2	7/2	7/2	7/2
29	14/30	14/30	18/39	18/39	14/30	14/30	18/39	18/39
20/8	15/8	15/8	15/8	15/8	15/8	15/8	15/8	15/8
7,150	10,920	11,175	13,191	13,313	11,000	11,255	13,271	13,333
Direct from tractor's factory fitted distributor(s)								
Bogie	Tandem	Tandem	Tridem	Tridem	Tandem	Tandem	Tridem	Tridem
400/60 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5
81/110	73/100 to 88/120	86/117 to 102/140	98/134 to 117/160	111/151 to 132/180	73/100 to 88/120	86/117 to 102/140	98/134 to 117/160	111/151 to 132/180
2 DA	2 DA	2 DA	3 DA	3 DA	3 DA	3 DA	4 DA	4 DA
20-50	20-50	20-50	20-50	20-50	20-50	20-50	20-50	20-50
◆	◆	◆	◆	◆	◆	◆	◆	◆
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◇	◇	◇	◇	◇	◇	◇	◇	◇
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◆	-	◆	◆	◆	-	-	-	-
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◇	◆	◆	◆	◆	◆	◆	◆	◆
◇	◇	◇	◇	◇	◇	◇	◇	◇
◆	◆	◆	◆	◆	◆	◆	◆	◆

DA: Double-acting SA: Single-acting

# ALL THE KUHN SOLUTIONS



1



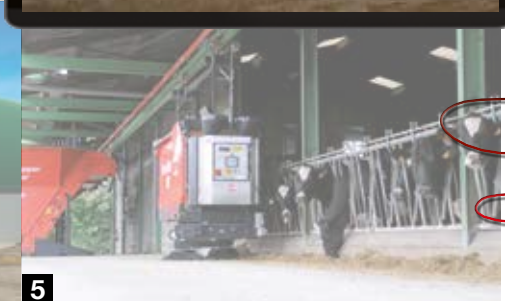
2



3



4



5



To help choose the right mixing solution for you:

[www.kuhn.com](http://www.kuhn.com)

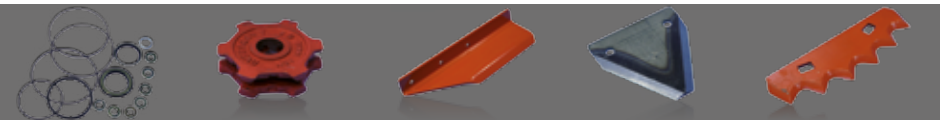
1. Compact mixer wagons - 2. Standard mixer wagons - 3. Self-propelled silage cutters and mixers  
4. Free-standing mixer wagons - 5. Feeding Robot



## KUHN PARTS


### PARTS DESIGNED TO LAST

With our high-tech foundries and forges and state-of-the-art production facilities, KUHN manufactures spare parts that will last for years to come. You can really count on our expertise and our genuine parts. Thanks to our KUHN PARTS warehouses, you benefit from our customer support and our logistics services. We provide fast and reliable repair solutions, in cooperation with the KUHN Approved Dealer nearest you.



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